

EXHIBIT 19-D



**Denise Duffy & Associates, Inc.**  
PLANNING AND ENVIRONMENTAL CONSULTING

June 28, 2018

Maureen Hamilton

*Subject: ASR Expansion Biological Monitoring*

Dear Maureen:

Denise Duffy & Associates, Inc. (DD&A) is pleased to submit a Scope of Work (SOW) and Cost Estimate to perform biological support services for Monterey Peninsula Water Management District (MPWMD) ASR Expansion Project (project). DD&A will provide pre-construction surveys, and biological monitoring, to ensure project remains in compliance with the California Environmental Quality Act (CEQA) environmental documentation. If the attached SOW and Cost Estimate are acceptable, please sign the attached Task Order form and DD&A will schedule the work accordingly.

Sincerely,

A handwritten signature in black ink, which appears to read "Matt Johnson", is positioned above a horizontal line.

Matt Johnson, Project Manager  
DENISE DUFFY & ASSOCIATES, INC.

## **EXHIBIT 19-D**

Scope of Work

ASR Expansion Project  
Biological Support Services

### **SCOPE OF WORK**

#### **Task 1. Pre-Construction Kick-Off Meeting**

DD&A will attend a pre-construction kick-off meeting with MPWMD and the project contractor prior to the start of construction. This task includes coordination for this meeting and preparation of any materials necessary to facilitate the meeting.

#### **Task 2. Pre-Construction Surveys and Reporting**

DD&A will conduct pre-construction surveys for potential rare, listed, or other sensitive species prior to commencement of project construction. Surveys will be conducted within the work area and all access routes, including appropriate buffer distances as described below, to avoid and minimize incidental take, confirm previous observations, identify any areas occupied by listed or sensitive species, and clearly mark all resources to be avoided by project activities.

##### *Monterey Dusky-Footed Woodrat*

DD&A will conduct a pre-construction survey of the project area and a 25-foot buffer at least 5 days prior to any surface disturbing actions for Monterey dusky-footed woodrat nests (MDFW). All nests will be identified, and their locations mapped and flagged to be avoided during construction activities.

##### *Nesting Bird Species*

For project activities, including vegetation pruning, that begin between February 15 and September 1, a qualified DD&A biologist will conduct pre-construction surveys for nesting birds and to identify active nests on and within 500 feet of the project area with direct line of sight to the proposed work areas. The surveys will be conducted no more than 14 days prior to the beginning of any construction activities between February 15 and September 1. A second survey will be conducted no more than 48 hours prior to the beginning of any construction activities between February 15 and September 1.

DD&A will provide to MPWMD the results of the pre-construction surveys for all species.

**Assumptions:** DD&A assumes that all pre-construction wildlife surveys will return with a negative finding. If special status wildlife species are identified during the pre-construction survey effort, coordination with USFWS/CDFW and relocation of individuals may require a budget amendment. If, for any reason, construction does not begin within the permit designated survey windows, additional surveys may be required.

#### **Task 3. Construction Phase Biological Monitoring**

DD&A will provide construction phase biological monitoring for the project during vegetation removal to relocate special-status species if there are observed within the project site.

**Assumptions:** This SOW assumes that the duration of vegetation removal will be two, if the vegetation removal duration exceeds this schedule a budget amendment may be required.

### **BUDGET**

The costs per task to complete the ASR Expansion Project Biological Support Services are detailed in the attached spreadsheet. The total budget of \$8,543.00 is a not-to-exceed total and is to be billed by task.

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<b>ASR Expansion Biological Monitoring Estimated Budget</b>						
	<b>Staff</b>	<b>Senior Environmental Scientist</b>	<b>Asst Scientist</b>	<b>Graphics/GIS</b>	<b>Administrative</b>	<b>DD&amp;A Costs by Task</b>
	<b>Hourly Rate</b>	<b>\$128.00</b>	<b>\$94.00</b>	<b>\$100.00</b>	<b>\$61.00</b>	
<b>Task 1</b>	<b>Pre-Construction Kick-off Meeting</b>	8	4		2	<b>\$1,522</b>
<b>Task 2</b>	<b>Preconstruction Wildlife Survey and Report</b>	10	30	6	2	<b>\$4,822</b>
<b>Task 3</b>	<b>Biological Monitoring During Vegetation Removal</b>	6	24		2	<b>\$3,146</b>
<b>Total Hours by Staff</b>		<b>16</b>	<b>54</b>	<b>6</b>	<b>4</b>	
<b>Subtotal for DD&amp;A Labor</b>		<b>\$2,048</b>	<b>\$5,076</b>	<b>\$600</b>	<b>\$244</b>	<b>\$7,968</b>
<b>Estimated Expenses:</b>						
Mileage, copying, supplies, GIS and phone						<b>\$500</b>
Administrative Fee						<b>\$75</b>
<b>TOTAL ESTIMATED COST</b>						<b>\$8,543</b>