

**AMENDMENT NO. 2  
TO  
AGREEMENT FOR  
PROFESSIONAL ENGINEERING SERVICES**

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, herein called "DISTRICT", and Waterway's Consulting, Inc., herein called "ENGINEER", hereby agree to amend the following articles of the Agreement for Professional Engineering Services (AGREEMENT) dated May 22, 2012 for the Arroyo Grande Creek Waterway Management Plan Alt 3a and Mod 3c projects, as follows:

- A. Exhibit A, "Scope of Services", to the AGREEMENT is hereby amended by incorporating attached Exhibit A: "Scope of Services – Alt 3a Final Design".
- B. Exhibit B, "Fee Schedule", to the AGREEMENT is hereby amended by incorporating attached Exhibit B2, "Fee Schedule" for Amendment No. 2.
- C. Under Article 2, TIME FOR COMPLETION OF WORK, the fourth sentence is hereby amended to read as follows: "Work included in Tasks 1 through 3 and Tasks 6 and 7 shall be completed no later than June 30, 2015."
- D. Under Paragraph 3.A, COMPENSATION, is hereby amended to partially read as follows: "DISTRICT shall pay to ENGINEER as compensation in full for all work required by this AGREEMENT a sum not to exceed the total amount of Three Hundred Sixty-Five Thousand and Four Dollars (\$365,004). The ENGINEER's compensation shall be based on actual services performed and costs incurred at the rates set forth for each task in the ENGINEER's Cost Proposals attached hereto as Exhibit B, Exhibit B1 and Exhibit B2."

E. All provisions of the AGREEMENT not affected by this Amendment No. 2, shall remain unchanged and in full force and effect.

**IN WITNESS THEREOF**, the parties hereto have executed this Amendment, and this Amendment shall become effective on this date shown signed by the San Luis Obispo County Flood Control and Water Conservation District.

**SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Chairperson of the Board  
San Luis Obispo County Flood Control  
and Water Conservation District  
State of California

**ATTEST:**

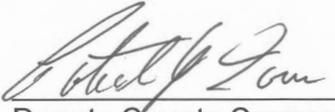
By: \_\_\_\_\_ Date: \_\_\_\_\_  
County Clerk and Ex-Officio Clerk of the  
Board of Supervisors, County of San Luis Obispo  
State of California

**ENGINEER:**

By:  \_\_\_\_\_ Date: 5/14/14  
MATTHEW WELD  
Waterway's Consulting, Inc.  
Title: Principal Engineer

**APPROVED AS TO FORM AND LEGAL EFFECT:**

RITA L. NEAL  
County Counsel

By:  \_\_\_\_\_ Date: 5/9/14  
Deputy County Counsel





May 5, 2014

**Exhibit A: Scope of Services – Alt 3A Final Design**

We have prepared the following scope to satisfy unforeseen permit conditions related to the “Flood Control Zone 1/1A – Waterway Management Program Alternative 3A and Modified 3C Project on the Arroyo Grande Creek Channel” based on the direction provided by the County in the “Arroyo Creek WMP Alt 3a and Mod 3c Project Grading Direction and Rational” document, issued April 1, 2014. Please review the following Scope of Services and attached Budget (Exhibit B) and get back to me with any questions.

**SCOPE OF SERVICES**

In order to complete the Environmental Permitting process for the above mentioned project multiple revisions to the design drawings and supporting documents are necessary to address unforeseen agency requests and conditions of approval. In an effort to implement the necessary project elements into the design documents we will provide the following services:

**TASK 10 - PROJECT ADMINISTRATION**

The Task 10 budget covers time to perform project management and administration duties, including correspondence, coordination, and documentation.

**TASK 11 – GRADING REVISIONS**

This Task covers additional work necessary to incorporate the requested grading changes described in the “Arroyo Creek WMP Alt 3a and Mod 3c Project Grading Direction and Rational” document. Grading changes would be incorporated into the following areas:

- North Levee Sta. 21+50 to 25+50 and 28+00 to 29+50 (Segment 1)
- South Levee Sta. 23+00 to 28+50
- North Levee Sta. 2+00 to 4+25 (Segment 2)
- North Levee Sta. 5+00 to 7+00 (Segment 4)
- North Levee Sta. 14+50 to Sta 17+50 (Segment 4c)
- Los Berros North Levee Sta. 5+00 to 14+50

Adjustments to the current proposed grading in the areas described above would be done with the intent of reducing the down slope grading to within approximately 5’ from the top of bank. A reduction in the overall width of the levee access road will be the first option to achieve this goal. The second option will be to lower the levee height to achieve the desired limit of grading location. Additional hydraulic modeling that incorporates the revised grading information as outlined above is specifically excluded from this additional work. Earthwork quantities will be recalculated to reflect the revised grading and the information will be incorporated into the design documents. The revised grading information will be incorporated into the FINAL 95% documents and issued to the County for review and comment. We anticipate one round of County review. County comments will be incorporated into the final 100% documents.



**PROPOSED COST**

All work shall be performed on a time and materials basis, with a total project budget not to exceed our estimate, without prior written approval of the Client. Refer to attached Exhibit B for a detailed breakdown of our anticipated budget.

**ADDITIONAL SERVICES**

The Engineer shall be available for additional services on a time and materials basis, at the prevailing rates listed in Exhibit B. Additional services are defined as those that are not specifically identified under the scope of proposed services or those that are required as a result of unforeseen circumstances that arise during the permitting process.





EXHIBIT B1 - FEE SCHEDULE FOR AMENDMENT No. 1

#	Task Description	Prop 1E		Prop 84		Total Budget Allocation
		Budget Allocation	Allocation Amendment	Budget Allocation	Allocation Amendment	
1.10	Los Berros North Access Road Design					
	Original Allocation	-		-		-
	Amended Allocation	\$9,500	\$9,500	-		\$9,500
5.4a	Stake Limits of Disturbance					
	Original Allocation	\$3,470		-		\$3,470
	Amended Allocation	\$4,510	\$1,040	-		\$4,510
5.5a	Provide Rough Grade Stakes					
	Original Allocation	\$15,318		\$1,702		\$17,020
	Amended Allocation	\$17,190	\$1,872	\$1,910	\$208	\$19,100
5.6a	Provide Finish Grade Stakes					
	Original Allocation	\$24,534		\$2,726		\$27,260
	Amended Allocation	\$27,810	\$3,276	\$3,090	\$364	\$30,900
5.8a	Post-construction Record Drawings					
	Original Allocation	\$3,530		-		\$3,530
	Amended Allocation	\$3,860	\$330	-		\$3,860
7a	Project Administration					
	Original Allocation	\$8,070		\$2,690		\$10,760
	Amended Allocation	\$9,570	\$1,500	\$3,190	\$500	\$12,760
<b>Direct Expenses</b>						
	Plotting/Office Expenses					
	Original Allocation	\$695		\$232		\$927
	Amended Allocation	\$882	\$188	\$294	\$63	\$1,177
	Per Diem					
	Original Allocation	\$9,069		\$1,008		\$10,077
	Amended Allocation	\$9,744	\$675	\$1,233	\$225	\$10,977
	Mileage (@\$0.55/mile)					
	Original Allocation	\$4,455		\$495		\$4,950
	Amended Allocation	\$4,625	\$170	\$552	\$57	\$5,176
	Field Supplies (disposal)					
	Original Allocation	\$1,845		\$205		\$2,050
	Amended Allocation	\$2,122	\$277	\$236	\$31	\$2,358
	10% service charge on direct expenses					
	Original Allocation	\$2,445		\$1,331		\$3,776
	Amended Allocation	\$2,576	\$131	\$1,368	\$37	\$3,945
	<b>Total Allocation Amendment:</b>		<b>\$18,958</b>		<b>\$1,484</b>	<b>\$20,442</b>



**EXHIBIT B2 - FEE SCHEDULE**

**5/5/2014**

**Client: San Luis Obispo County Flood Control and Water Conservation District  
 Project Name: Arroyo Grande Creek WMP - Alt 3A Final Design  
 Waterways Job No.: 04-436A**

<b>Waterways Consulting, Inc.</b>							<b>Total Budget Allocation</b>
<b>#</b>	<b>Task Description</b>	<b>Principal Geomorph. (Dvorsky)</b>	<b>Principal Engineer (Weld)</b>	<b>Senior Engineer (Smith)</b>	<b>Senior Engineer (Marello)</b>	<b>Project Engineer (Garrison)</b>	
10	Project Administration	1	1		8	4	\$1,670
11	Grading Revisions	2	4		28	80	\$12,340
<b>Sub Total</b>							<b>\$14,010.00</b>

<b>Direct Expenses</b>	<b>Allocation</b>
Plotting/Office Expenses	\$500.00
Per Diem	
Mileage (@ \$.565)/mile	
Field Supplies (disposable)	
10% service charge on direct expenses	\$50.00
<b>Subtotal</b>	<b>\$550.00</b>
<b>Total</b>	<b>\$14,560.00</b>