



**ANALYTICAL ENVIRONMENTAL SERVICES**  
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## MEMORANDUM

**TO:** Bill Navarre, Siskiyou County

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**FROM:** Ryan Sawyer

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**DATE:** 4/28/2017

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**RE:** Crystal Geyser Water Bottling Plant EIR – Proposal for Scope of Work Adjustment

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The following summarizes proposed changes to AES’s current scope of work for the Crystal Geyser Water Bottling Plant Project EIR. The changes are organized to reference the existing task numbers in AES’s contract with the County dated May 18, 2016.

### Proposed Modifications to Existing Contract Tasks

#### Task 6: Administrative Draft Final EIR

Additional level of effort not previously anticipated will be required to complete the ADFEIR as a result of the volume and complexity of comments submitted during the public review period for the Draft EIR. During the public review period for the Draft EIR, the County received over 150 comment letters. AES has bracketed each letter, and the total number of individual comments is 1,225. AES’s current contract and scope assume a moderate level of effort needed to respond to comments, defined as “no more than 50 comments requiring a response beyond comment noted”. Additionally, the cost estimate assumed no substantial revisions to technical studies and analysis would be required in response to comments.

Additional effort will be required associated with:

- reviewing, organizing, bracketing and responding to comments
- additional technical assistance from each of our sub-consultants, and clarifications to their respective technical studies – refer to proposed scope of work adjustments for Bollard Acoustical, Richard C. Slade and Associates, and Abrahams Associates in **Attachment A**)
- additional time for County coordination (weekly calls extending for an additional 4 months)
- additional printing and direct costs
- attendance at follow up meetings with RWQCB and the City of Mt. Shasta (2 additional meetings total, assumed to be accomplished in one site visit)
- 2 additional botanical surveys for special status plant species (one in June and one in July)

## **Task 7. Prepare FEIR**

Due to the volume of comments received during the Draft EIR review period, the level of effort required to address the County's questions and comments on the Draft FEIR will likely increase. We now anticipate that two Administrative Draft Final EIR reviews will be required.

## **New Task 11. Optional Sub-consultant Attendance at Public Hearing(s)**

Our current contract provides for AES attendance at one Planning Commission hearing and one Board of Supervisors hearing, as well as RCS (groundwater consultant) attendance at one hearing. Given the volume of comments, the County may request that additional staff from each of the sub-consultants attend the hearings. Under this optional task, we have budgeted for one representative from each sub-consultant firm, to attend up to two hearings.

## **New Task 12. Optional Long Term Pump Test**

In response to comments related to the impact of pumping the domestic well on local wells, RCS may conduct a long term pump test of the domestic well at the site. The scope of work for this task is provided in **Attachment B**.

## **Schedule**

Revisions to technical studies and responses to comments from sub-consultants will be completed within 3 week of notice to proceed, with the exception of the results of the pump test described under Task 12 and associated responses to comments. The schedule for pump test is provided in Attachment B. AES will submit the administrative draft EIR to the County within 4-6 weeks of receiving requested information from the applicant and sub-consultants. It is anticipated that the initial administrative draft Final EIR will be submitted to the County in early to mid-June. If the results of the pump test are not available at this time, they will be submitted along with the associated responses in a separate package to the County so as to not delay the overall timeline. AES will complete revisions and submit the second administrative draft Final EIR within 1 to 2 weeks of receiving comments. AES will prepared the Final EIR within 1 week of receiving comments on the second admin draft.

## **Cost**

AES proposes to complete the above expanded scope of work for tasks 6 and 7 on a time and materials basis for an amount not to exceed \$189,931 as broken down in the following table. This amount includes costs associated with the expanded scope of work for sub-consultants. It is possible that the actual amount of effort required to respond to comments will be less than this amount, and if so, the County will not be billed for the full amount. If Optional Task 11 and 12 are required, the total additional cost would be \$253,888. A detailed breakdown of costs is provided in the next page.

Task	Sub-consultants	AES Labor	Direct Costs	Additional Total Cost Per Task
Task 6 Preparation of Admin Draft Final EIR	\$51,920	\$108,330	\$1,117	\$161,367
Task 7 Preparation of Final EIR	-	\$24,800	\$3,764	\$28,564
<b>Subtotal</b>				<b>\$189,931</b>
Task 11 Optional Sub-consultant Public Hearing Attendance	\$12,430	-	-	\$12,430
Task 12 Optional Long Term Pump Test	\$51,527	-	-	\$51,527
<b>Total Cost</b>				<b>\$253,888</b>

## AES Cost Proposal

Tasks	Subconsultants - includes 10% Mark-up on Billing Rate											Admin	Direct Costs*	Cost Per Task	Total Hours			
	D. Zweig	R. Sawyer	B. Alvarez	P. Bontadelli	T. Wilson	Kgreen	A. McDuff	N. Bonzey	E. Quinn	G. Mayfield	S. Abrams					P. Bollard	R. Slade	Sierra Research
<b>Task 6: Administrative Draft Final Environmental Impact Report</b>		120	160		40	90	160	32	50		\$8,250	\$17,270	\$26,400			\$1,117	\$161,367	652
<b>Task 7: Prepare FEIR</b>		60				20	80									\$3,764	\$28,564	160
<b>Task 11: Optional Subconsultant Attendance at Public Hearing</b>											\$4,400	\$4,620	\$3,410			\$0	\$12,430	0
<b>Task 12: Optional Long-term Pump Test</b>													\$51,527			\$0	\$51,527	0
HOURLY RATE	\$270	\$200	\$185	\$200	\$190	\$140	\$125	\$165	\$185	\$105						\$100		
TOTAL HOURS	0	180	160	0	40	110	240	32	50	0						0		812
<b>TOTAL COST</b>	<b>\$0</b>	<b>\$36,000</b>	<b>\$29,600</b>	<b>\$0</b>	<b>\$7,600</b>	<b>\$15,400</b>	<b>\$30,000</b>	<b>\$5,280</b>	<b>\$9,250</b>	<b>\$0</b>	<b>\$12,650</b>	<b>\$21,890</b>	<b>\$81,337</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,881</b>	<b>\$253,888</b>	
<b>*Direct Cost Breakdown</b>																		
Tasks	Meals	Mileage	Hotel	Printing/ CDs	Postage/Misc	Direct Cost Per Task												
<b>Task 6: Administrative Draft Final Environmental Impact Report</b>		\$935	\$690	\$460		\$2,085												
<b>Task 7: Prepare FEIR</b>				\$3,335	\$429	\$3,764												