

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS
ACTION AGENDA SUMMARY

DEPT: Public Works

BOARD AGENDA # *C-1

Urgent

Routine

AGENDA DATE January 13, 2015

CEO Concurs with Recommendation YES NO
(Information Attached)

4/5 Vote Required YES NO

SUBJECT:

Approval to Amend the Agreement for Professional Design Services with Quincy Engineering, Inc. for the Cooperstown Road over Gallup Creek Bridge Replacement Project

STAFF RECOMMENDATIONS:

1. Approve Amendment No. 1 to the Professional Design Services Agreement for all-inclusive bridge engineering services with Quincy Engineering, Inc., in the amount of \$56,683 for a total not to exceed amount of \$428,288.36, for the Cooperstown Road over Gallup Creek Bridge Replacement Project.
2. Authorize the Director of Public Works to execute the amendment with Quincy Engineering, Inc., in the amount of \$56,683, and to sign necessary documents.

FISCAL IMPACT:

The Cooperstown Road over Gallup Creek Bridge Replacement Project is 100% funded by the Highway Bridge Program with toll credits in the amount of \$455,000. The amount is sufficient to fund the original contract amount of \$371,605.36 plus \$56,683 requested of Amendment No. 1. Funding is available in the current fiscal year's Public Works Road Projects budget.

BOARD ACTION AS FOLLOWS:

No. 2015-25

On motion of Supervisor Chiesa, Seconded by Supervisor Monteith

and approved by the following vote,

Ayes: Supervisors: O'Brien, Chiesa, Monteith, De Martini, and Chairman Withrow

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) _____ Denied

3) _____ Approved as amended

4) _____ Other:

MOTION:

ATTEST:

Christine Ferraro
CHRISTINE FERRARO TALLMAN, Clerk

File No.

Approval to Amend the Agreement for Professional Design Services with Quincy Engineering, Inc. for the Cooperstown Road over Gallup Creek Bridge Replacement Project

DISCUSSION:

On July 17, 2012, the Board of Supervisors approved a contract with Quincy Engineering, Inc., in the amount \$408,765.90. This amount includes a 10% contingency in the amount of \$37,160.54.

The project is currently at the 30% design stage and environmental clearance is being pursued in parallel. Environmental surveys and technical studies have been completed and due to the findings from the studies the California Department of Transportation (Caltrans) is requiring additional studies to be performed.

The additional work to be performed will be as follow:

1. Extended Phase 1 Study (XP1) which will consist of five shovel test pits and two trenches (requiring excavation equipment). A revised Area of Potential Effect (APE) map will be required to depict the locations of the XP1 work. The intent of the study is to identify any cultural resources that may exist in the subsurface that is not visible at the surface.
2. Historical Resources Evaluation Report (HRER) will be required for two historical resources identified at the site.
3. Biological Assessment for the California Tiger Salamander.

Below is a breakdown of the costs associated with Amendment No. 1:

DESCRIPTION	AMOUNT
Project Management	\$14,832
HRER/Additional Technical Studies	\$11,935
XP1	\$21,283
Biological Assessment	\$7,947
Other Cost	\$686
TOTAL	\$56,683

Approval of Amendment No. 1 will allow Public Works to wrap up the environmental documentation phase of the project and move into the 60% design phase.

POLICY ISSUES:

This project will meet the Board's priorities of providing A Safe Community, A Healthy Community, and A Well-Planned Infrastructure System by replacing a functionally obsolete bridge.

Approval to Amend the Agreement for Professional Design Services with Quincy Engineering, Inc. for the Cooperstown Road over Gallup Creek Bridge Replacement Project

STAFFING IMPACT:

There is no staffing impact associated with this item.

CONTACT PERSON:

Matt Machado, Public Works Director. Telephone: (209) 525-4130.

ATTACHMENTS:

Cooperstown Road Bridge over Gallup Creek Amendment 1

SC/djd

L:\BRIDGES\9607 - COOPERSTOWN RD @ GALLUP CRK\Design\BOS\9607-BOS Item_Approval_to_ammend_Contract_11.10.14

AMENDMENT NO. 1

Professional Design Services Agreement between County of Stanislaus and Quincy Engineering, Inc.

Cooperstown Road over Gallup Creek Bridge Replacement Project
Contract No. 9608

This Amendment is made and entered into this 13th day of January, 2015, in the City of Modesto, State of California, by and between the County of Stanislaus ("County") and Quincy Engineering, Inc., ("Consultant"), for and in consideration of the promises, and the mutual promises, covenants, terms, and conditions, hereinafter contained.

WHEREAS, on July 17, 2012, the Stanislaus County Board of Supervisors awarded a Professional Design Services Agreement ("Agreement") to Consultant, in the amount of \$371,605.36 for the Cooperstown Road over Gallup Creek Bridge Replacement Project;

WHEREAS, there is a need for additional services, in the amount of \$56,683, as shown in Exhibit "A" dated September 16, 2014; and,

WHEREAS, an increase in the maximum amount of the Agreement is necessary to cover additional work as stated in Exhibit "A", attached hereto and made a part of this Amendment.

\$371,605.36	Original Agreement
<u>+\$56,683.00</u>	Amendment No. 1
\$428,288.36	Revised

NOW THEREFORE, the parties agree as follows:


Section 1.1 Scope of Services is amended to include additional services as shown in Exhibit "A" attached hereto and made a part of this Amendment.

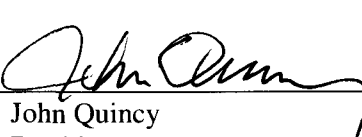
Section 2.1 Compensation is amended to include additional fees of \$56,683 as shown in Exhibit "A" attached hereto and made a part of this Amendment. Consultant's compensation shall in no case exceed Four Hundred Twenty-Eight Thousand Two Hundred Eighty-Eight and 36/100 Dollars (\$428,288.36).

IN WITNESS WHEREOF, the parties have executed this First Amendment effective on the date written above.

COUNTY OF STANISLAUS

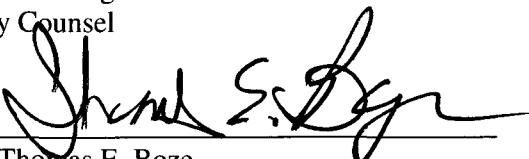
QUINCY ENGINEERING, INC.

By: 
Matt Machado, Director
Department of Public Works

By: 
John Quincy
President

APPROVED AS TO FORM

John P. Doering
County Counsel

By: 
Thomas E. Boze
Deputy County Counsel



SEP 17 2014 AM 10:29

Cooperstown Road Bridge over Gallup Creek
Bridge No. 38C0170

September 16, 2014

Sambath Chrun

Stanislaus County Department of Public Works

1716 Morgan Road

Modesto, CA 95358

Re: Cooperstown Road Bridge over Gallup Creek – Amendment 1 Request

Dear Mr. Chrun,

The Quincy Engineering Inc. (Quincy) Team has completed cultural and biological resources technical studies for the aforementioned project. Due to findings from these studies as well as findings from previous studies at this location, Caltrans is requiring additional studies be performed. These additional studies include the following:

- Revised ASR/HPSR due to expanded APE Map and references to the HRER and Extended Phase 1 evaluation.
- Historical Resources Evaluation Report (HRER) for two historical resources.
- Extended Phase 1 Study which will consist of five shovel test pits and two trenches (requiring backhoe). A revised APE Map is attached, which depicts the locations of the Extended Phase 1 work.
- Biological Assessment for California Tiger Salamander.

For our environmental subconsultant (North State Resources) to perform this work along with Quincy management, we are requesting **\$56,683**. This would change our not to exceed contract from \$371,605.35 to **\$428,288.35**. We have included as attachments a spreadsheet showing both our hourly breakdown as well as North State Resources scope and hourly breakdown.

Please contact me at (916) 368-9181 if you have questions or comments regarding this amendment request.

Sincerely,

Quincy Engineering, Inc.

A handwritten signature in black ink, appearing to read "Lance A. Schrey".

Lance Schrey, P.E.

Project Manager

Attachments:

Revised APE Map, Quincy Fee Sheet and North State Resources Scope and Fee

Stanislaus County Project Engineer

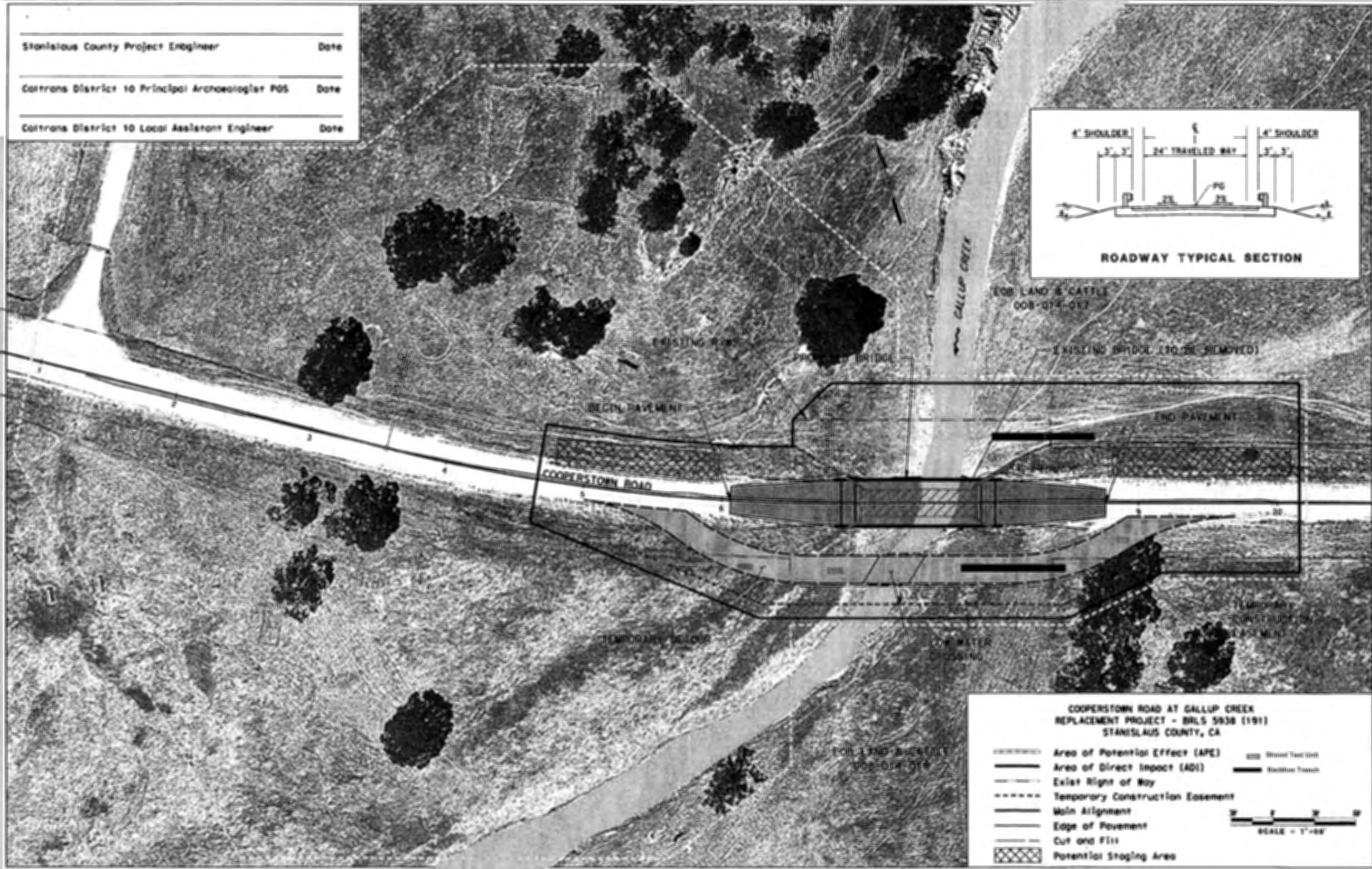
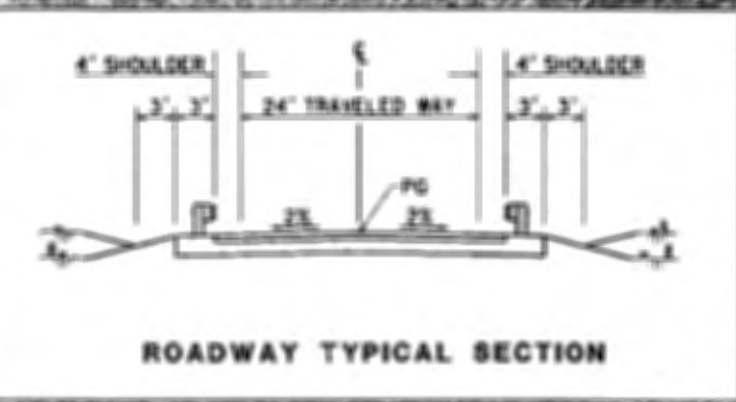
Date

Coitons District 10 Principal Archaeologist POS

Date

Coitons District 10 Local Assistant Engineer

Date



EOB LAND & CATTLE
008-074-017

EXISTING BRIDGE (TO BE REMOVED)

**COOPERSTOWN ROAD AT GALLUP CREEK
REPLACEMENT PROJECT - BRIS 5938 (191)
STANISLAUS COUNTY, CA**

- Area of Potential Effect (APE)
 - Area of Direct Impact (ADI)
 - Exist Right of Way
 - Temporary Construction Easement
 - Main Alignment
 - Edge of Pavement
 - Cut and Fill
 - Potential Staging Area
 - Stream Bed (Old)
 - Stream Trench
- SCALE = 1"=80'

Cost Proposal

Stanislaus County - Gallup Cr. Br. Replacement (Br. No. 38C0170) on Cooperstown Rd. - Amnd. 1

Date: 9/16/2014

Quincy Engineering, Inc.

Direct Labor:	\$1,697.48
Escalation for Multi-Year Project (3.5%):	\$59.41
1,664	\$2,923.47
A. Labor Subtotal	\$4,680.36

Subconsultant Costs:

North State Resources	\$51,317.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
B. Subconsultant Subtotal	\$51,317.00

Other Direct Costs:

Plotter/Computer	hours @	\$10.00	\$0.00
Travel	0 miles @	\$0.565	\$0.00
Pier Diem/ Hotel	0 days @	\$150.00	\$0.00
Phone/Fax			\$0.00
Delivery	4 @	\$25.00	\$100.00
Survey Prevailing Wage Differential			\$0.00
Vellum / Mylars	0 sheets @	\$25.00	\$0.00
Title Reports	0 @	\$500.00	\$0.00
11 X 17 Reproduction	40 @	\$0.10	\$4.00
Copies	400 @	\$0.05	\$20.00
Newsletters (Translation and printing)			
Mailings (6x)			

C. Other Direct Cost Subtotal: \$124.00

Labor Subtotal A. =	\$4,680.36
Fee (12.0%)	\$561.64
Subconsultant Subtotal B. =	\$51,317.00
Fee (0.0%)	\$0.00
Other Direct Cost Subtotal: C. =	\$124.00
Fee (0.0%)	\$0.00

TOTAL = **\$56,683.00**

Note: Invoices will be based upon actual Quincy hourly rates plus overhead at 166.4% plus prorated portion of fixed fee. Subconsultant and Other Direct Costs will be billed at actual cost.

Total not to Exceed= **\$56,683**

Stanislaus County - Gallup Cr. Br. Replacement (Br. No. 38C0170) on Cooperstown Rd. - Amnd. 1

TASKS	Principal in Charge	Project Manager - PM	Associate Engineer - DE	Senior Engineer - PE	Associate Engineer - DE	Associate Engineer - DE	Senior Engineer - PE	Assistant Engineer - DE	Assistant Engineer - DE	Resident Engineer - Const. Review	Principal Engineer (OC/QA)	Admin	Senior Engineer - Specs	Quincy Total Hours	Quincy Cost (w/overhead and fee)	North State Resources	Total Fee
	BL	LS	DM	MS	KP	MK	CG	road	bridge	KT	JQ	Staff	KG				
No.	Initial Hourly Rate	\$74.37	\$68.00	\$51.87	\$56.65	\$49.73	\$48.00	\$59.42	\$38.00	\$38.00	\$63.00	\$74.37	\$20.00	\$61.44			
PHASE I - PROJECT KICK-OFF PRELIMINARY ENGINEERING																	
1	Project Management																
2	Topographic Survey																
3	Hydraulics																
4	Geotechnical																
5	Stategy Report/Type Selection/30% Plans																
6	HBP Applications and Funding Assistance																
PHASE II - ENVIRONMENTAL CLEARANCE & FINAL DESIGN																	
7	Environmental Document, Tech. Studies and Permits	4	20									2		26	\$5,242	\$51,317	\$56,559
8	Public Outreach																
9	PS&E																
10	Right of Way Services																
11	Bidding and Post Award																
TASK 10 TOTAL																	
Subtotal- Hours		4	20									2		26			
Other Direct Costs															124		
Total Cost		\$297	\$1,360									\$40		\$1,697		\$51,317	\$56,683

Addendum 2 to Contract for Professional Services Dated August 8, 2012

Cooperstown Road over Gallup Creek Bridge Replacement Project

Stanislaus County Department of Public Works

[QEI Job #S30-300; NSR Project Number 51383]

September 11, 2014

Preamble

North State Resources, Inc. (NSR) has completed cultural and biological resources technical studies for the Cooperstown Road Bridge over Gallup Creek Project in accordance with our contract with Quincy Engineering, Inc. (QEI), dated August 8, 2012, and on behalf of Stanislaus County Department of Public Works (County). As a result of reviews by the California Department of Transportation (Caltrans), additional studies are needed to obtain regulatory approvals for the project. In addition, as a result of schedule delays and additional coordination with the project team, additional project management and meetings are necessary to allow NSR to continue providing environmental services for the project. To date, the schedule has been delayed by almost one year, and the remaining tasks are expected require about one additional year to complete (two-year total delay). Our scope of work and cost estimate for completing the additional work are provided below. Depending on the results of the additional studies, other documentation or technical support may be needed to support the regulatory compliance process; such additional work will be described in a subsequent addendum to our contract.

Changes to Scope of Work

This addendum modifies NSR's scope of work as follows and based on the assumptions noted below.

- We assume no project description changes or other changes will occur that would trigger revisions to existing reports (e.g., Natural Environment Study [NES], delineation report), other than what is described below.
- The Archaeological Survey Report and Historic Property Survey Report (ASR/HPSR) will need to be revised to reflect the changes made to the area of potential effects (APE) map and the additional cultural work that is needed.
- A new technical study for cultural resources is needed: a Historical Resources Evaluation Report (HRER).
- Due to the presence of cultural resources in the APE, an Extended Phase 1 evaluation will need to be completed, which includes test plots at strategic locations within the APE.
- A Biological Assessment (BA) is needed for California tiger salamander to support Section 7 consultations under the Endangered Species Act.

Changes to existing tasks and additions of new tasks are described below.

Task 7.1 Program Management/Meetings

Modifications to Task 7.1 include additional management and accounting time over the two-year delay period and additional periodic conference calls and meetings during this period. Up to six (6) additional conference calls and two (2) in person meetings are being added to this task.

Task 7.6 Technical Studies

Subtask 7.6.3 Prepare Archaeological Survey Report/Historical Properties Survey Report

Task 7.6.3 is modified to include another revision to the existing ASR/HPSR. As a result of changes to the APE during Caltrans' reviews, the existing ASR/HPSR will need to be updated to reflect the following:

- Revised APE map
- Expanded survey coverage of entire APE based on fieldwork conducted for the HRER and Extended Phase 1 evaluation
- References to the new HRER and results of the Extended Phase 1 evaluation

NSR will revise the ASR/HPSR and submit it to QEI and the County for an initial review and for forwarding to Caltrans for final review.

Task 7.11 (New) Historical Resources Evaluation Report

Two historical resources (a segment of CA-STA-390H, Cooperstown Road, and a portion of CA-STA-394/H, Gallup Ranch) were documented within the area of direct impacts (ADI) during previous fieldwork in support of the ASR. These Gold Rush-era sites would be affected by ground-disturbing activities, including road and shoulder grading, the demolition of the existing bridge, and the construction of a new span. Caltrans has determined that these sites will need to be documented in an HRER. The HRER is used to document and evaluate for National Register of Historical Resources (NRHP) listing eligibility historic-era archaeological resources including built environment features and sites such as buildings, structures (e.g. remains of the Gallup Ranch), objects, districts, and linear features (e.g. Cooperstown Road).

NSR cultural resources specialists meeting the Secretary of the Interior's Standards and Caltrans standards for historical archaeology will develop a draft HRER. Due to the existing information on Cooperstown Road and the Gallup Ranch already provided by previous investigations and the ASR for the project, it is assumed that additional field documentation will not be necessary and that existing field data on the road and ranch location, configuration, and integrity will be sufficient for inclusion in the HRER. Supplemental archival research will be conducted, as necessary, to assist with the evaluation process.

NSR will submit an internal draft HRER to QEI and the County for an initial review and prepare a draft HRER for Caltrans' review. Comments from Caltrans will be addressed to produce a final HRER.

Task 7.12 (New) Extended Phase I Report

One occurrence of prehistoric materials (two small artifact scatters) was noted within the ADI as a result of a 1997 study (Napton et al. 1997). These scatters consist of several pieces of lithic debitage, a pestle fragment, and a biface. These artifacts were not visible and could not be re-recorded during NSR's 2013 survey of the APE. Other studies have also identified the potential for other prehistoric resources in the APE. In order to determine if any potentially significant (per NRHP criteria) prehistoric cultural resources are situated within the APE and specifically within the ADI, NSR will conduct an Extended Phase I study consisting of the excavation of five shovel test pits and two trenches (using a backhoe) at strategic locations within the APE. These test pits may need to be conducted with a Native American monitor present, and our cost estimate includes costs for one monitor for three 8-hour days. NSR assumes that any Native American community outreach along with any consultation or coordination with

the State Historic Preservation Officer or other relevant agencies will be managed by Caltrans. If resources requiring additional analysis are discovered, they may need to be sent to a lab for testing and analysis, which is also included in our cost estimate.

The purpose of the Extended Phase I study is to determine if a prehistoric site is situated within the APE in subsurface contexts not visible during the previous surveys. NSR cultural resources specialists meeting the Secretary of the Interior's Standards and Caltrans standards for prehistoric archaeology will develop a draft Extended Phase I report. NSR will submit an internal draft Extended Phase I report to QEI and the County for an initial review and prepare a draft Extended Phase I report for Caltrans' review. Comments from Caltrans will be addressed to produce a final Extended Phase I report.

Task 7.13 (New) Biological Assessment

Based on the results of the NES prepared for the project, the project may affect the California tiger salamander. Caltrans has requested that a BA be prepared to discuss impacts to the species and support informal consultation with the U.S. Fish and Wildlife Service (USFWS). NSR will prepare a BA using Caltrans' latest template and relying on the information and analyses presented in the NES. The BA will include the following sections: introduction, study methods, environmental setting, discussion of impacts and mitigation, conclusion and determination, and references. Additional details on the project may need to be obtained to refine the project description for purposes of the BA. We assume QEI will provide the additional details, to the extent they are available. No fieldwork is assumed to be necessary to prepare the BA.

NSR will submit an internal draft BA to QEI and the County for an initial review and prepare a draft BA for Caltrans' review. Comments from Caltrans will be addressed to produce a final BA for Caltrans' submittal to the USFWS. NSR will also coordinate with USFWS, as necessary, to assist the County and Caltrans with the required Endangered Species Act consultation process.

Revised Cost Estimate

Per Addendum 1 to the contract, executed on March 11, 2014, an amount of \$4,400 from the original contract has not been allocated to specific work as a result of deobligating an optional task and was removed from our contract budget as part of the addendum. This available amount will be allocated to the tasks described in this addendum. NSR proposes to complete the tasks described above on a time and materials, not to exceed basis for a total of \$55,717, inclusive of the \$4,400. The budget includes labor, management, administration, and expenses. The new not-to-exceed amount for the contract will be \$124,950. The following table summarizes costs by task, and the spreadsheet on page 4 provides additional cost details.

TASK	ESTIMATED COST
Task 7.1 Program Management/Meetings	\$ 14,552
<i>Task 7.6 Technical Studies</i>	
Subtask 7.6.3 (Modified) Prepare Archaeological Survey Report/Historical Properties Survey Report	\$ 2,819
Task 7.11 (New) Historical Resources Evaluation Report	\$ 9,116
Task 7.12 (New) Extended Phase I Report	\$ 21,283
Task 7.13 (New) Biological Assessment	\$ 7,947
Total Addendum Cost	\$ 55,717

Project Name: Cooperstown Road over Gallup Creek - Stanislaus County

Project Number: 51383

LABOR														TOTAL HOURS	TOTAL LABOR COST
LABOR CATEGORY	KEY PERSONNEL	Hourly Rate	TASK 7.1 Program Management/ Meetings		TASK 7.6 7.6.3 ASR/HPSR		TASK 7.11 HRER		TASK 7.12 Ext. Phase I		TASK 7.13 BA				
			HOURS	COST	HOURS	COST	HOURS	COST	HOURS	COST	HOURS	COST			
Program Manager 4	Wirt	160.68	16	\$2,571	4	\$643	4	\$643						24	\$3,856
Env Analyst/Tech Writer 4	Leslie	123.36	60	\$7,402	2	\$247	4	\$493	8	\$987	8	\$987		82	\$10,116
Admin Manager 3	Ben	92.04	2	\$184										2	\$184
Admin Manager 4	Gayle	99.12	12	\$1,189										12	\$1,189
Cultural Resource Specialist 2	Miriam	63.00			8	\$504	60	\$3,780	76	\$4,788				144	\$9,072
Cultural Resource Specialist 1	Amy	57.00							40	\$2,280				40	\$2,280
Cultural Resource Specialist 4	Brian	128.40	12	\$1,541	8	\$1,027	24	\$3,082	48	\$6,163				92	\$11,813
Biologist 3	Patrick	85.80									60	\$5,148		60	\$5,148
Biologist 4	Heather	110.40	12	\$1,325							8	\$883		20	\$2,208
Env Analyst/Tech Writer 2	Andrew	70.68			2	\$141	4	\$283	4	\$283	6	\$424		16	\$1,131
Admin Assistant 3	Sylvia	78.24			2	\$156	6	\$469	6	\$469	4	\$313		18	\$1,408
TOTAL LABOR COST				\$14,212		\$2,718		\$8,750		\$14,970		\$7,755			\$48,405

OTHER DIRECT COSTS														TOTAL UNITS	TOTAL OTHER DIRECT COST
DESCRIPTION	UNIT COST	UNIT	COST	UNIT	COST	UNIT	COST	UNIT	COST	UNIT	COST	UNIT	COST		
Telephone and Mailing Costs	\$15.00	4	\$60			1	\$15	1	\$15	1	\$15			7	\$105
GIS Usage	\$12.85			2	\$26	4	\$51	4	\$51	6	\$77			16	\$206
Lab Analysis (XRF or Obsidian Hydration)	\$85.00							10	\$850					10	\$850
NA Monitor	\$50.00							24	\$1,200					24	\$1,200
Backhoe operator	\$100.00							24	\$2,400					24	\$2,400
GPS Usage	\$65.00							3	\$195					3	\$195
Purchase/Reproduce Documents	\$0.50			150	\$75	600	\$300	600	\$300	200	\$100			1,550	\$775
TOTAL OTHER DIRECT COST				\$60		\$101		\$366		\$5,011		\$192			\$5,731

TRAVEL														TOTAL UNITS	TOTAL TRAVEL
DESCRIPTION	UNIT COST	UNIT	COST	UNIT	COST	UNIT	COST	UNIT	COST	UNIT	COST	UNIT	COST		
Vehicle Mileage	\$0.56	500	\$280					620	\$347					1,120	\$627
Lodging & Per Diem	\$158.00							6	\$954					6	\$954
TOTAL TRAVEL				\$280		\$0		\$0		\$1,301		\$0			\$1,581

TASK TOTALS		\$14,552		\$2,819		\$9,116		\$21,283		\$7,947					\$55,717
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TOTAL ESTIMATED COST															\$55,717
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