

October 15, 2024

Mr. Andrew Simmons
City Engineer
City of Coachella
53-990 Enterprise Way,
Coachella, CA 92236

RE: **Avenue 50 Bridge Over Coachella Valley Storm Water Channel, ST-69
Professional Services Agreement (PSA) Amendment Request – Extra Work**

Dear Mr. Simmons:

As discussed, we are respectfully submitting this PSA amendment request to perform extra work beyond the current scope of services. These tasks are listed as follows:

I. To address Coachella Valley Association of Governments' two specific needs below:

a. CV/Link Pathway

Based on the recent coordination efforts and review comments received, we need to perform additional design work to ensure that both projects match-up and are consistent with CVAG CV/Link's pathway requirements, which include incorporating CV/Link branding aesthetic elements, construction details, cable railing, etc.

b. CV/Sync Project

Planning for future traffic synchronization needs, CVAG requested the project to provide some empty conduit for the entire length of Avenue 50, from west end to east end of project, including pull-boxes in sidewalk and bridge sidewalk.

II. To address Coachella Valley Water District Comments

Our project team has had to continuously address numerous review iterations with demanding comments. Notably, the channel hydraulics and scour analysis, resulting in larger improvements area. We are striving to control it, so that it is within fundable limits.

III. To perform additional utility coordination

a. Imperial Irrigation District (IID)

Our project team has had also to continuously assisting IID on transmission poles relocation and provide empty conduits through the bridge cells.

b. Southern California Gas (SoCalGas)

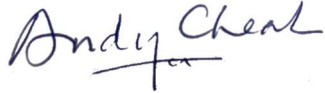
Additional coordination with SoCalGas and their potholing contractor, Arizona Pipeline Company on lengthy potholing efforts. Redesign the Abutment No. 1 bridge footing to span over the existing 8-inch-high pressure main. Prepare additional construction details to shield off the pipe and technical provisions to be included in the construction contract documents to control operations during construction.

Refer to attached spreadsheets, our fee proposal is based on the required efforts above; Angenious and its' subconsultant are requesting an amended amount of \$121,000.76 that is to be added to the previously authorized budget of \$3,522,035.90. A total summation of amended authorized budget amount of \$3,643,036.66.

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We always strive to improve quality, utilization, and productivity in our sustainable engineering services. Should you have any questions, please feel free to contact me at (949) 599-5400 or via email at Andy.Cheah@AnGenious-ES.com.

Sincerely,

A handwritten signature in black ink that reads "Andy Cheah". The signature is written in a cursive style with a horizontal line under the name.

Andy Cheah, PE
Principal/ Project Manager

Attachments

C. File

CITY OF COACHELLA

Avenue 50 Bridge Over CVSC Project

SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded Hourly Rate (Direct Labor, overhead, and profit)			\$328.29	\$109.64	\$126.13	TOTAL HOURS	TOTAL FULLY LOADED LABOR COST PER TASK
TASKS	Task No.	Staff Name	A. Cheah	T. Bong	D. Cheah		
		Staff Classification	PM	Engineer I	Engineer II		
1	Project Management Services						
	1.1	Administration	8			8	2,626.32
	1.2	Coordination and Meetings	40			40	13,131.60
	1.3	Quality Assurance and Quality Control	16		24	40	8,279.76
7	Final Design Services – 100% PS&E Submittal						
	CV/Link Pathway						
	7.3	Plan and Profile Sheets	8	40	20	68	9,534.52
	7.4	Construction Details	8	20	20	48	7,341.72
	7.5	Grading Plans	8	40	20	68	9,534.52
	7.6	Drainage Plans	8	20	20	48	7,341.72
	7.13	Signing and Pavement Delineation Plans	8	32	20	60	8,657.40
	CV/Sync Project						
	7.14	Traffic Signal and Street Lighting Plans	16	40		56	9,638.24
	Utility Coordination						
	7.9	Utility Plans	8	40		48	7,011.92
	7.17	Bridge Plans	8	20	24	52	7,846.24
	Technical Specifications						
	7.19	Specifications	40		40	80	18,176.80
TOTAL HOURS FOR PROJECT			176	252	188	616	
TOTAL AES LABOR COST							\$ 109,120.76
Subconsultant: NV5							\$ 10,800.00
TOTAL SUBCONSULTANT'S COSTS							\$ 10,800.00
10% Administration Fee							\$ 1,080.00
Total Requested Amount							\$121,000.76
Previously Authorized Budget							\$3,522,035.90
GRAND TOTAL COSTS							\$3,643,036.66

August 13, 2024

Mr. Andy Cheah
Angenious Engineering
Services, Inc
26000 Towne Centre
Drive North, Suite 100
Lake Forest, CA 92610

Subject: Additional Services Request – Avenue 50 Bridge Conduit Plans

Dear Andy:

Please consider this a request for additional fees to design proposed conduit plans per the attached conceptual mark ups provided by Advantec Consulting Engineers, Inc dated 8/6/24. Pursuant to our discussions, A future communications backbone are anticipated for the Avenue 50 corridor. As such, NV5 has been asked to prepare conduit plans to accommodate a future 144 strand single mode fiber optic cable (144 SMFO) and future CV Sync Broadband Cable. The plans will be including two conduits along the south side of realigned Avenue 50 from the westerly bridge abutment to approximately Station 32+55 for future CV Sync Broadband cable and 144 SMFO, two conduits on top of the south side of the bridge and one steel conduit underneath the south side of the bridge, and two conduits along the south side of Avenue 50 from the easterly bridge abutment to approximately Station 55+40. Additional conduits will run underneath Avenue 50 just east of Magnolia from the south side of Avenue 50 to the controller at the SE corner of Avenue 50 and Magnolia/Tyler Street. All conduits will be designed to be empty for future use.

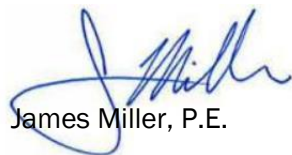
The following fees will apply:

- Additional Conduit Plans and Coordination (\$10,800)

Total additional services fee: \$10,800

All terms of this agreement of the original contract will remain in effect. Please sign this agreement as our contract, and email the signed agreement to james.miller@nv5.com

Sincerely,



James Miller, P.E.

Agreed to and Accepted by:
Angenious Engineering Services, Inc

Name, Title

Date