

**THIRD AMENDMENT TO AGREEMENT BETWEEN  
THE CITY OF COACHELLA  
AND ANGENIOUS ENGINEERING SERVICES, INC.  
Project ST-81**

**THIS THIRD AMENDMENT** ("Amendment") is made and entered into as of June 25<sup>th</sup>, 2025 by and between the City of Coachella ("City") and Angenious Engineering Services, Inc. ("Consultant"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. **RECITALS.** This Amendment is made with the respect to the following facts and purposes:
  - a. On or about November 27<sup>th</sup>, 2019 the City and Consultant entered into that certain agreement entitled "City of Coachella Professional Services Agreement" between the City and Consultant in the amount of \$148,000 for project ST-81.
  - b. On or about October 6<sup>th</sup>, 2020 the City and Consultant entered into the "First Amendment to" agreement between the City and Consultant in the amount of \$15,000.00.
  - c. On or about January 22<sup>nd</sup>, 2025 the City and Consultant entered into the "Second Amendment to" agreement between the City and Consultant in the amount of \$49,500.00.
  - d. The parties now desire to amend the Agreement as set forth in this Amendment.

2. **AMENDMENT**

- 3.1 **General Scope of Services.** Section 3.1.1 of the Agreement is hereby amended to include the additional Scope of Services to be performed for the SR-86/Avenue 50 Interchange Project, ST-81 under this Amendment No. 3 referenced as EXHBIIT "A".
- 3.2 **Performance Period.** Section 3.1.2 of the Agreement is hereby amended to go into effect on June 25, 2025 contingent upon approval by City, and Consultant shall commence work after notification to proceed by City's Agreement Administrator. The Agreement shall end on June 30, 2027 unless extended by Agreement Amendment.
- 3.3 **Allowable Costs and Payments.** Section 3.3.1 of the Agreement is hereby amended to increase the compensation, including authorized reimbursements, for all services rendered under this Agreement as set forth in EXHIBIT "B" attached hereto and incorporated herein by reference.

The method of payment in Sections 3.3.1.A and B of the Agreement are hereby

amended to actual cost plus a ten percent (10%) fixed fee. City will reimburse Consultant for actual costs (including labor costs, employee benefits, travel, equipment rental costs, overhead and other direct costs; plus ten percent fixed fee) incurred by Consultant in performance of the work. The total authorized compensation for the Amendment No. 3 is in the amount not to exceed Three Million Five Hundred Eleven Thousand Two Hundred Sixty-One Dollars and Forty-Seven Cents (\$3,511,261.47).

The amended total compensation shall not exceed **Three Million Seven Hundred Twenty-Three Thousand Seven Hundred Sixty-One Dollars and Forty-Seven Cents (\$3,723,761.47)** without written approval of the City's representative. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this agreement.

- 3.4 Continuing Effect of Agreement. Except as amended by this Amendment, all provisions of the Agreement shall remain unchanged and in full force and effect. From and after the date of this Amendment, **whenever** the term "Agreement" appears in the Agreement, it shall mean the Agreement as amended by this Amendment.
- 3.5 Adequate Consideration. The parties hereto irrevocably stipulate and agree that they have each received adequate and independent consideration for the performance of the obligations they have undertaken pursuant to this Amendment.
- 3.6 Counterparts. This Amendment may be executed in duplicate originals, each of which is deemed to be an original, but when taken together shall constitute but one and the same instrument.

IN WITNESS THEREOF, the parties have executed this Amendment as of the day and year first set forth above, which date shall be considered by the parties to be the effective date of this Amendment.

CITY OF COACHELLA

ANGENIOUS ENGINEERING SERVICES, INC.

**Approved by:**

By: \_\_\_\_\_

Andy Cheah

Principal/ Project Manager

\_\_\_\_\_  
William B. Pattison Jr.  
City Manager

**Approved as to Form:**

BEST, BEST & KRIEGER

\_\_\_\_\_  
City Attorney

**Attest:**

\_\_\_\_\_  
Angela M. Zepeda  
City Clerk

June 17, 2025

Mr. Andrew Simmons, PE  
Director of Public Works/City Engineer  
City of Coachella, Engineering Department  
53990 Enterprise Way,  
Coachella, CA 92236

RE: **City Project No. ST-81 – SR-86/Avenue 50 New Interchange Project**  
**Cost Proposal**

Dear Mr. Simmons:

AnGenious Engineering Services, Inc. (AES) would like to sincerely thank you for another opportunity to continue serving the City on the above-referenced project. We are pleased to submit our cost proposal.

We understand the City has budget constraints. Thus, we tailored our cost proposal based upon an estimated labor hours of the staffing plan with other direct costs, to perform the scope of work up to 65% of Plans Specifications and Estimates (PS&E) submittal phase, and right of way acquisition assistance.

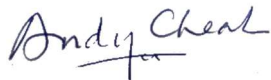
The total “Maximum Not-to Exceed” fee for these initial services to be rendered is **\$3,511,261.47**. AES, a certified DBE/SBE firm, coupled with Earth Mechanics, Inc., another DBE/SBE firm will provide a total of **53.65%** of the contract value, which exceeds the City’s DBE goal. Please refer to the attached spreadsheet, which consists of the following requested details:

1. Cost proposal using Caltrans Exhibit 10-H1 template, with a maximum total fee for all services to be rendered and all materials.
2. Cost breakdown by task showing labor hours with hourly labor rates

With our **client focused solutions, ingenious ideas** combined with **sensible cost approach**, AES is the **“Right Team”** to deliver this project timely. AES always strives and commits to optimizing quality, utilization, and productivity in our sustainable engineering services within the City budget.

Should you have any questions, please feel free to contact me at (949) 599-5400 or via email at [Andy.Cheah@AnGenious-ES.com](mailto:Andy.Cheah@AnGenious-ES.com).

Sincerely,



Andy Cheah, PE  
Principal/ Project Manager

Attachments

C. File

### SECTION III – SCOPE OF WORK

The following Scope of Work represents the effort preparation of Plans, Specifications and Estimates (PS&E) up to 65% submittal phase and Right Of Way (ROW) acquisition assistance services.

The plans, designs, reports, and other documents furnished under this Scope of Services will be provided in a professional manner in accordance with industry standards, and acceptable to the City of Coachella per Caltrans Project Development Procedures Manual. Criteria for acceptance of the deliverables will be neat in appearance, organized and technically and grammatically correct, reflecting the incorporation of City of Coachella and Caltrans review comments. The work will be checked to meet all the contract requirements.

#### **Task 1. Project Management**

##### **1.1. Administration**

Consultant will provide overall project management, coordination, and supervision of project staff to facilitate the performance of the work. Consultant will maintain project files using the Caltrans Uniform System in electronic format.

Consultant will prepare and submit monthly project progress reports to the City of Coachella Project Manager, which includes schedule, contract budget, general progress on project tasks, and project issues and concerns (see below).

##### *Deliverables:*

- *Consultant shall include with the monthly progress report that reflects the work completed within the invoice period.*
- *Consultant will maintain copies of written correspondence between the Consultant and third parties pertaining specifically to the Project.*
- *Consultant will maintain project files in accordance with its Work Plan.*
- *Consultant shall also prepare Caltrans reporting forms and documents.*

##### **1.2. Coordination and Meetings**

Consultant's Project Manager will take the lead in the coordination of all project activities, including coordination with other agencies, deliverables submissions, permits, and similar coordination efforts consistent with the scope of work.

- *The Consultant shall conduct a project kick-off meeting with the City of Coachella staff. The Consultant will present the Work Plan, introduce the project team, request information, and conduct other similar activities. The Consultant shall prepare and distribute kick-off meeting minutes.*
- *Meeting Agendas and Minutes (electronic PDF).*
- *Consultant shall schedule, attend, and conduct monthly Project Development Team (PDT) meetings. The Consultant shall prepare and distribute PDT meeting minutes to all PDT members.*
- *Consultant shall attend other meetings as required (e.g., coordination with Caltrans, utility company, other agencies) to perform coordination and to execute the scope of work.*

##### **1.3. Quality Assurance and Quality Control**

Consultant will have a Quality Assurance and Quality Control Plan in effect for the duration of the scope of services. The plan will establish a process whereby all deliverables are checked prior to any formal submission and all job-related correspondence and memoranda are appropriately filed. An appointed Quality Assurance Officer will monitor and review project activities and deliverable schedules.

- *Quality Assurance and Quality Control Plan (electronic PDF)*

#### **1.4. Project Schedule**

Consultant will prepare and periodically update a project schedule with tasks and milestones represented in Microsoft Project format. Consultant will break down the schedule by logical tasks consistent with the scope of work and with enough detail to track project progress. Both a baseline schedule and tracking updates are required. The schedule must reflect realistic estimates of review periods by other agencies for tasks, such as reports, plans, permits, and coordination.

- *Baseline project schedule and monthly schedule updates shall be in Microsoft Project 2013 (or newer) (electronic PDF)*

#### **1.5. Risk Management**

Consultant will prepare a Project Risk Management (PRM) matrix to identify, analyze and track project risks through all phases of project delivery, including communicating, managing and responding to Project Development Team members:

- *Identify and assess risks and determine the risk owners.*
- *Develop responses to risks.*
- *Document risk response actions and report to PDT members for inclusion in risk management updates.*
- *Communicate new risks to PDT members.*
- *Retire risks.*

#### **1.6. Project Budget, Cost Accounting and Reporting**

Consultant will establish and apply internal accounting methods and procedures acceptable to the City of Coachella for documenting and monitoring contract costs. Consultant will submit a consolidated monthly invoice in a format acceptable to the City of Coachella broken down in a manner consistent with the Work Plan. Consultant shall include with the monthly progress report that reflects the work completed within the invoice period.

*Deliverables:*

- *Monthly invoices*
- *Progress reports, and*
- *Caltrans LAPM Exhibit 9-F: Disadvantaged Business Enterprise (DBE) running tally of payments (electronic PDF)*

#### **1.7. State & Federal Funding Assistance**

Consultant will perform the necessary preliminary engineering with supporting data and recommendations to assist with funding applications. The Consultant will assist the City of Coachella in preparing funding applications per Caltrans' Local Assistance Procedures Manual (LAPM) to seek available funds.

**FINAL DESIGN AND ROW ACQUISITION PHASE (Tasks 2 to 5)**

All dimensions shall be in the United States customary units, as known as “English Unit”. All plans shall be prepared in accordance with the Caltrans Plans Preparation Manual (PPM) requirements listed below:

- Layout Plans with existing and proposed State right of way (ROW).
  - Horizontal Scale: 1” = 50’
  - Reference to Caltrans Standard Plans, or
  - City Standard Drawings and Specifications within City’s ROW, as appropriate.

***Design Standards (most current version at the time of this contract execution)***

1. Roadway design shall be in accordance with the Caltrans Highway Design Manual and Caltrans Standard Plans, and the American Association of State Highway Transportation Officials’ (AASHTO) *A Policy on Geometric Design of Highways and Streets*, Riverside County Standard Drawings, and the California version of the Manual on Uniform Traffic Control Devices (CA-MUTCD), as appropriate.
2. Bridge design shall be in accordance with the AASHTO LRFD Bridge Design Specifications, 8th Edition with the California Amendments as the primary Caltrans bridge design specifications, bridge design details, bridge design aids, bridge seismic design criteria (most current version), the Structures Technical Guidelines, and the Structures Technical Policies manuals.
3. The “Greenbook” Standard Plans for Public Works Construction for local roads, as appropriate.
4. Specifications shall be in accordance with Caltrans Standard Specifications for the lead agency’s standard bid documents and the “Greenbook” Standard Specifications for Public Works Construction for local roads only.
5. Federal Americans with Disabilities Act (ADA) requirements 28 CFR, Part 35 or Part 36.

***Task 2. Draft Final Design Services (PS&E)******2.1. Engineering and Photogrammetric Surveys***

Mapping and Surveys and preparation of Base Maps were performed during the PA/ED phase. CONSULTANT shall review Project Mapping and Project Survey Control prepared to ensure completeness and accuracy. CONSULTANT shall inform the City of Coachella Project Manager if there is incomplete or missing data in the Design Base Maps.

***2.2. Prepare Draft Plans***

CONSULTANT shall request, collect, assemble, and review pertinent project information, including, but not limited to, prior project related reports and Engineering Technical Reports, Environmental Documents and Environmental Technical Reports, CAD files and drawings, and relevant correspondence. CONSULTANT shall incorporate the collected materials and information into the Project Master File.

CONSULTANT shall prepare the plan set for the project following the Riverside County Standard Plans as appropriate. Preparation of the roadway PS&E plan set shall include, but not be limited to, the preparation of the following roadway engineering sheets:

***Deliverables:***

- ***35% PS&E SUBMITTAL***
  1. Title Sheet
  2. Typical Cross Sections
  3. Plan and Profile Sheets
  4. Utility Plans
  5. Signing and Pavement Delineation Plans

6. Structures Type Selection Plan and Report including General Plan (GP) and Foundation Plan (FP)
7. Preliminary Foundation Report (for Bridge)

### **2.3. *Prepare Draft Cost Estimates***

CONSULTANT shall prepare cost estimates based on the preliminary design for the project. Preparation of the cost estimates shall include itemized bid items list and estimated quantities.

### **2.4. *Drainage Report***

CONSULTANT will prepare the Draft and Final Roadway Drainage Report in accordance with Riverside County Criteria. Reports will be prepared for the 35%, 65% and 95% PS&E submittals. The Roadway Drainage Report will identify strategies and requirements for use by the design engineer to prepare the drainage plan sheets associated with preferred alternative.

The Roadway Drainage Report will address the existing drainage condition and the proposed mitigation and design. This report shall consider both onsite and offsite systems. Flood width calculations will be prepared to determine inlet spacing and locations. The scope of the drainage plans is based on utilization of existing cross culverts and downstream drainage systems for tying in new or relocated drainage systems or extending existing systems. Analysis and design for upgrade of any deficient existing off-site or downstream/upstream on-site drainage facilities, if such facilities are not impacted by the roadway work, are not included in this Scope of Work. The upsizing of cross culverts is beyond the scope of this project. If it is determined that existing cross culverts will need to be modified, the analysis, design and construction plans will be per separate Addendum to be approved by the CITY OF COACHELLA. Temporary Drainage Plans and Calculations are excluded from this Scope of Work. The project does not appear to require extensive Temporary Drainage. CONSULTANT will prepare drainage plans, profiles, and quantities based on the drainage report.

CONSULTANT will delineate the tributary drainage subareas and prepare a Hydrology Map for the bridge roadway, bridge approaches and roadway identified in Phase 1. CONSULTANT will prepare a Hydrology Analysis based on the Hydrology Map. The Hydrology Analysis will be prepared in accordance with the Caltrans and County of Riverside criteria. The drainage facilities will be designed for the 25-year storm event. Existing off-site hydrology for the highway cross-culverts and regional facilities in the vicinity of the project will be referenced from previous drainage studies and will not be updated or verified for this Project. Previous reports will be utilized to determine hydraulic control for any new storm drain facilities that may be connected to these existing cross culverts and regional facilities. In the absence of such information, best professional judgement will be used to establish the required hydraulic controls.

CONSULTANT will prepare a storm drain Hydraulic Analysis based on the Hydrology Analysis. The Hydraulic Analysis will be prepared using the Water Surface Pressure Gradient (WSPG) computer program. The Roadway Drainage Report will identify strategies and requirements for use by the design engineer to prepare the storm drain plan and profile sheets for the proposed roadway.

It is assumed that SR-86/Avenue 50 project will not encroach Coachella Valley Water District (CVWD) facilities or Right-of-Way. Coordination with CVWD is excluded from this Scope of Work. It is further assumed that Trash BMPs are not required in the design because SR-86 is not designated as a Significant Trash Generating Area in the Caltrans Statewide Trash Implementation



Plan. Design and analysis of regional maintenance facilities (i.e. decanting sites) is not included in this scope.

*Deliverables:*

- *Roadway Drainage Report*

## **2.5. Structures Type Selection Report, GP, FP, and Bridge Estimates**

CONSULTANT shall prepare the Structures Type Selection Report, General Plan (GP), Foundation Plan (FP) and Bridge Estimates.

## **2.6. Geotechnical Reports**

CONSULTANT will prepare Geotechnical and Foundation Reports in accordance with current Caltrans procedures and guidelines. The Geotechnical Reports will be used for recommendations to complete the plans and specifications. Design elements which require geotechnical support are listed below:

- New 2-span Avenue 50 Overcrossing (final bridge substructure width > 100’).
- Approximately 750 feet long RW 65 along Avenue 50.
- 4 single-post overhead signs.
- Roadway and pavement structural sections.
- Infiltration testing at 10 locations (max. invert depth is 6 feet from existing grade).

Details of the proposed geotechnical services for the above design elements and deliverables are presented below.

### **2.6.1. Preliminary Foundation Report**

A Preliminary Foundation Report will be prepared to provide preliminary geotechnical recommendations to assist structural designers in the Type Selection process for the bridge. This report will be prepared using available subsurface data and the format will be in accordance with current Caltrans Guidelines; no soil boring or testing will be performed.

*Deliverable:*

- *A Preliminary Foundation Report*

### **2.6.2. Soil Borings, Soil Sampling, and Soil Infiltration Testing**

Caltrans is enforcing the AASHTO recommendations of a soil boring at each bridge support locations where substructure width is less than 100 feet; minimum of two borings are required per location where substructure width is greater than 100 feet. For retaining walls, a soil boring is required every 100 to 200 feet. Also, per Caltrans, a soil boring is required for every overhead sign. For proposed embankments and roadway improvements, a soil boring is proposed every 500 to 750 feet. Based on this, Consultant’s geotechnical field investigation plan is presented in table below. Data obtained from some boreholes will be used for multiple design elements. The boreholes will be excavated using a truck-mounted or track-mounted drilling rig. Asphalt concrete cold-patch will be used to replace asphalt that is removed by excavations, and quick-set cement will be used to replace concrete that is removed by excavations.

<b>Design Element</b>	<b>Proposed Number of Borings</b>	<b>Approximate Proposed Depth (feet)</b>
Avenue 50 Overcrossing	4	80

Design Element	Proposed Number of Borings	Approximate Proposed Depth (feet)
	2	150
RW 65	3	30 – 50
Overhead Signs	4	40
Roadway Improvements	8	15 – 40
	12	5

A boring location plan will be prepared to secure the required encroachment permits. We assume permit fee will be waived or paid by the City. Prior to drilling, borehole locations shall be marked and cleared through DigAlert. Soil samples will be collected for laboratory testing, including bulk samples of near-surface soils and driven Standard Penetration Test (SPT) and Modified California Drive (MCD) samples of deeper soils. The driven soil samples shall be collected at vertical intervals of 5 feet or 10 feet. Samples of subsurface soils shall be logged during the field investigation, secured in their containers or collected in plastic bags, and transported to a soil testing laboratory.

Ten (10) infiltration testing will be performed. EMI will drill and install a well at each location. Depth of the wells will depend on the design invert elevation of the proposed basin but is assumed to be no more than 6 feet below existing ground. The wells will not be sampled, though the soil type will be observed for comparison and documented in well logs. Each well will be soaked overnight and infiltration testing will commence the following day. Well infiltration testing will be performed following USBR 7300-89 method.

*Deliverable:*

- *A Boring Location Plan*

#### 2.6.3. Laboratory Testing

Various laboratory tests shall be performed to determine the physical and engineering characteristics of soils. The actual tests performed shall be based on conditions encountered. For planning purposes, the tests shall include in-place moisture and density, Passing #200 Sieve, grain size distribution, direct shear tests, UU triaxial, collapse potential, maximum density/optimum moisture content, R-value and soil corrosion tests. Tests shall be conducted in general accordance with California Test (CT) methods or American Society for Testing and Materials (ASTM) standards.

#### 2.6.4. Geotechnical Engineering Analyses and Report Preparation

Results obtained from the field investigation and laboratory testing will be used to characterize subsurface soils and conditions and create idealized soil profiles for design purposes. The following analyses will be performed:

- Evaluation of seismicity and estimation of Peak Ground Acceleration based on the current Caltrans design criteria, and recommendation of an ARS curve for bridge.
- Assessment of soil liquefaction potential, seismic settlement, and lateral spreading.
- Foundation design recommendations for a bridge, a retaining wall, and 4 overhead signs.
- Assessment of global slope stability and settlement of the approach embankments.
- Estimation of soil infiltration rates.
- Evaluation of soil corrosivity conditions and recommendations for mitigation measures.
- Determination of pavement structural sections.

Consultant will prepare the reports listed in table below.

Design Element	Review Agency	Deliverables
Avenue 50 Overcrossing	Caltrans	Foundation Report
RW 65	Caltrans	Foundation Report
Overhead Signs, Roadway Embankments, and Infiltration Test Results	Caltrans	Geotechnical Design Report
Pavement Structural Sections	Caltrans	Materials Report

*Deliverables:*

- *Two Foundation Reports*
- *Geotechnical Design Report*
- *Materials Report*

## **2.7. *Utility Coordination and Research***

CONSULTANT will coordinate with utility companies and perform utility as-built plans research. Consultant will trace all utility lines shown on recorded as-built plans and prepare a base map in CADD format.

## **2.8. *Right-of-way Requirements and Engineering***

### **2.8.1. *Prepare Right-of-way requirements***

CONSULTANT will define the right-of-way requirements for the Project, including acquisitions, easements, and temporary construction easements.

### **2.8.2. *Prepare Legal Descriptions and Plat Maps***

Upon approval of the right-of-way requirements, the Consultant shall obtain Title Reports and prepare legal descriptions and plat maps.

## **Task 3. *Right-Of-Way Acquisition Services***

CONSULTANT will assist the City of Coachella on right-of-way acquisition services. Consultant shall ensure acquired properties are secure, accessible, and in compliance with all City of Coachella requirements until such time that they are incorporated into the project.

### **3.1. *Appraisal***

Consultant shall keep appraised and follow any revisions to applicable rules, codes, and regulations pertaining to the services to be performed.

Appraisal reports shall be prepared by Consultant for each affected parcel and submitted to the City of Coachella within sixty (60) days after the issuance of the Notice to Proceed or after obtaining the legal descriptions and/or plats from the design engineer. Review appraisals will be provided for each appraisal, in accordance with Caltrans, state and federal laws, as required.

Valuations of billboards that are impacted by the project will be provided by a specialty appraiser.

### **3.2. *Acquisition Service***

Consultant shall provide all services necessary to perform right-of-way acquisition on non-tribal lands, acquire title to real property in the assigned name by the City of Coachella, preparation of condemnation case information and recording deeds.

Consultant shall assist the City of Coachella on requesting the Bureau of Indian Affairs (BIA), tribal governments, and the Indian landowners to approve rights-of-way over or across Indian land per 25 CFR 169.

Consultant will develop and submit for the City of Coachella’s approval all required forms to be used in the acquisition process. Review title search documents, right-of-way plans and legal descriptions in order to become familiar with the project and to verify that the information provided is accurate and consistent with approved appraisal reports. Provide supplemental title report updates and vesting documents, as requested and needed. Prepare agreements and present written offers of just compensation to property owners. Negotiate the acquisition of needed right-of-way parcels: prepare administrative settlements as necessary; open, coordinate, and monitor escrow activities through the close of escrow, sufficient to acquire title to real property in the of City of Coachella, as applicable. Activities may also include relocation of billboards impacted by the project.

Prepare and maintain planning, budgeting, scheduling, tracking and reporting documents. These will include project acquisition files, documenting offers, negotiations and contact logs, relocation computation and payments, relocation files and all required notices.

*Deliverables:*

- *Obtain Right-of-Way Certification*

#### ***Task 4. Permits/Agreements***

##### ***4.1. Permits***

CONSULTANT shall perform work to identify necessary permits to construct the project and obtain necessary permits and agreements needed to construct the project. Work as part of this task may include discussions with permitting agencies, preparation of the permit and attachments such as maps and other exhibits identifying funds necessary for the permit application and submitting the permit. A Natural Environment Study-Minimal Impacts and an Aquatic Resources Delineation Report will also be prepared to support permit applications. Discussions and negotiations with permitting agencies shall only be performed in consultation with the City of Coachella Project Manager or designee. It is assumed that permit work on the Avenue 50/SR-86 interchange will involve local drainage impacts only and permitting work with Coachella Valley Water District and Coachella Valley Stormwater Channel are excluded from this scope of work. Preparation of an Aquatic or Biological Resource Delineation Report is excluded from this scope.

*Deliverables:*

- *Clean Water Act Section 401 Water Quality Certification*
- *Clean Water Act Section 404 Standard Individual Permit*
- *California Fish and Game Code Section 1602 Streambed Alteration Agreement*

##### ***4.2. Environmental Re-Validation***

CONSULTANT will prepare an Environmental Re-Validation to the approved 2019 Initial Study/Environmental Assessment for the State Route 86/Avenue 50 New Interchange Project. The Environmental Re-Validation will be prepared in accordance with the California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA), and Caltrans Standard

Environmental Reference (SER). The Environmental Re-validation will be submitted to Caltrans for review and approval.

The Environmental Re-validation will evaluate impacts due to changes in the project description. As it is unknown at this time what modifications to the project design will be necessary during the PS&E phase, this task assumes that any modifications would be minor, would occur within the limits of disturbance/APE identified in the IS/EA, and would involve updated traffic volumes. This task also assumes that project modifications would not require updates to any previously-approved technical studies for the project.

The documentation will note refinements to environmental issue areas addressed in the 2019 IS/EA and include qualitative analysis for specific environmental issue areas that would be potentially affected by the proposed modifications to the design previously approved in the Project Report and IS/EA.

#### ***4.2.1. Environmental Re-Validation Research and Data Collection***

Michael Baker will review existing information and data related to the proposed project. Michael Baker will collect the aforementioned information and perform a detailed review of existing setting, methodology, and results. This information is expected to include, but not be limited to:

- 2019 IS/EA
- Previously-prepared technical studies used to support the IS/EA
- Updated reference documentation, including local General Plan/policy information and regulatory background documents
- Approved/Supplemental Project Report
- PS&E packages (65%, 95% etc.), depending on schedule and availability
- Current aerial photography of project area

#### ***4.2.2. Environmental Re-Validation Memorandum***

Michael Baker will prepare a Re-validation Memorandum that will support the Environmental Revalidation to the 2019 IS/EA. The Re-validation Memorandum will provide a summary of key environmental topical areas affected by modifications to the project identified during the PS&E phase. The analysis within the memorandum will be qualitative, and excludes updates to any technical studies, field reconnaissance, or modeling. It is assumed up to ten (10) environmental topics will require discussion within the memo. The memo will summarize findings from the 2019 IS/EA, describe project changes in the context of the affected environmental topic, and provide confirmation that the project modifications would not result in any new significant adverse effects.

#### ***4.2.3. Environmental Re-Validation***

Michael Baker will prepare the Environmental Re-validation in accordance with the Caltrans Environmental Re-validation Form within the Caltrans SER guidelines. The Environmental Re-Validation shall evaluate project impacts as a result of changes in current setting, changes in applicable laws, regulations and policies, and design changes as a result of PS&E work which were not identified in the approved Project Report (PR) and approved IS/EA.

The draft Re-Validation and supporting memorandum will be circulated for review and comment by Caltrans. This task assumes that Michael Baker will respond to two rounds

of comments from Caltrans on the Re-Validation. A final Environmental Re-validation Form will be submitted to Caltrans for approval.

#### ***4.2.4. Environmental Coordination & Meetings***

This task accounts for project oversight, quality assurance, and quality control of the environmental deliverables. Michael Baker will undertake consultation and coordination of the project and the environmental review for compliance with CEQA/NEPA requirements. Michael Baker will provide management services to implement the work program and coordinate the effort with client/Caltrans staff.

Michael Baker’s environmental staff will attend up to six (6) virtual meetings with the client and/or PDT to provide updates on the environmental process and discuss key issues.

### ***Task 5. Draft Final Design Services – 65% PS&E Submittal***

Upon written approval of 35% plans by the City of Coachella, final design and plan preparation shall commence. The Consultant shall finalize preparation of final plans, specifications, estimates and preliminary bid documents for construction of Project improvements, including:

1. Title Sheet
2. Typical Cross Sections
3. Plan and Profile Sheets
4. Construction Details
5. Grading Plans
6. Drainage Report and Plans
7. Water Plans
8. Utility Plans
9. Summary of Quantities
10. Stage Construction Plans
11. Signing and Pavement Delineation Plans
12. Traffic Signal and Street Lighting Plans
13. Retaining Wall Plans
14. Bridge Plans (Unchecked Details)
15. Bridge Independent Check
16. Draft Final Foundation Report
17. Cost Estimates
18. Preliminary Specifications

**The remaining Tasks 6 to 10 are excluded from the current Scope of Work due to the City/CVAG budget limitation. These tasks are to be performed upon receiving the City’s budget amendment authorization after completion of 65% PE&E Submittal.**

***Task 6. Draft Final Design Services – 95% PS&E Submittal***

Upon written approval of 65% plans by the City of Coachella, draft final design and plan preparation shall commence. The Consultant shall finalize preparation of final plans, specifications, estimates and bid documents for construction of Project improvements, including:

1. Title Sheet
2. Typical Cross Sections
3. Plan and Profile Sheets
4. Construction Details
5. Grading Plans
6. Drainage Plans
7. Water Plans
8. Utility Plans
9. Summary of Quantities
10. Stage Construction Plans
11. Signing and Pavement Delineation Plans
12. Traffic Signal and Street Lighting Plans
13. Temporary Water Pollution and Erosion Control Plans
14. Retaining Wall Plans
15. Bridge Plans
16. Bridge Design Calculations
17. Bridge Independent Check
18. Bridge Quantity Calculations
19. Bridge Check Quantity Calculations
20. Final Foundation Report
21. Cost Estimates
22. Specifications

***Task 7. Final Design Services – 100% PS&E Submittal***

1. Title Sheet
2. Typical Cross Sections
3. Plan and Profile Sheets
4. Construction Details
5. Grading Plans
6. Drainage Plans
7. Water Plans
8. Utility Plans
9. Summary of Quantities
10. Stage Construction Plans
11. Signing and Pavement Delineation Plans
12. Traffic Signal and Street Lighting Plans
13. Temporary Water Pollution and Erosion Control Plans
14. Bridge Demolition Plans
15. Bridge Plans
16. Cost Estimates
17. Specifications



***Task 8. Resident Engineer File and Supplemental Materials***

CONSULTANT shall be responsible for preparing the Resident Engineer’s Pending File and other supplemental PS&E materials, which would include the following:

- Geotechnical Information Handout
- Materials Information Handout
- Construction Staking Package and Control
- Project Controls for Construction
- Construction Permits

*Deliverables:*

- *Resident Engineer’s Pending File*
- *Supplemental PS&E Materials*

***Task 9. Contract Bid Documents (Ready-To-List)***

CONSULTANT shall assist the City of Coachella in the preparation of the Construction Contract Bid Documents. Under this task, the CONSULTANT shall develop a draft contract, which shall be consistent with the County standards. Draft contract shall include the plans, specifications, special provisions, applicable Federal, state and local laws, regulations, and requirements and item codes. All contract pay items may utilize the Basic Engineering Estimate System (BEES) coding.

*Deliverables:*

- *Draft Construction Contract Package*

***Task 10. Construction Management Services (Optional Services)***

Upon successful completion of PS&E phase. The City of Coachella will engage the Consultant to provide construction management, construction engineering and/or inspection, materials testing, construction surveying and public outreach services to administer the construction contract and prepare the as-built package.

The Consultant shall also provide a Resident Engineer. The Resident Engineer shall be assigned to direct and coordinate construction activities under this contract. The Resident Engineer shall be in the responsible charge of construction management overseeing field inspection, material testing and construction survey activities, and public outreach of the project.

Other assistant resident engineers/construction inspectors are to be assigned to specific project responsibilities as needed.

Offerors shall not include in their proposals any detailed scope and/or cost proposal for these services until further written request by the City of Coachella.



## SR-86 and Avenue 50 Bridge Over CVSC



Prime Consultant



Subconsultant



2nd Tier Sub

Consultant **AnGenious Engineering Services, Inc.**

Project No.

Contract No. TBD

Date 17-Jun-25

## DIRECT LABOR

Classification/Title	Name	Hours	Hourly Rates	Total
Project Manager	A. Cheah	1,022	\$128.00	\$130,816.00
Sr. Project Engineer	R. Ong	1,078	\$125.00	\$134,750.00
Project Engineer II	C. Manila	576	\$105.00	\$60,480.00
Project Engineer I	N. Khoo	404	\$95.00	\$38,380.00
Engineer III	A. Bui	440	\$85.00	\$37,400.00
Engineer II	D. Cheah	544	\$62.00	\$33,728.00
Engineer I	T. Bong	594	\$55.00	\$32,670.00
Admin Assistant	L. Chai	56	\$45.00	\$2,520.00
		<b>4,714</b>		<b>\$470,744.00</b>

## LABOR COSTS

a) Subtotal Direct Labor Costs

\$470,744.00

b) Anticipated Salary Increases (see page 2 for sample)

\$15,769.92

c) TOTAL DIRECT LABOR COSTS [(a) + (b)]

\$486,513.92

## FRINGE BENEFITS

d) Fringe Benefits (Rate: )

e) Total Fringe Benefits

[(c) x (d)] \$0.00

## INDIRECT COSTS

f) Overhead (Rate: 135.47%)

g) Overhead [(c) x (f)] \$659,094.29

h) General and Administrative (Rate: )

i) Gen &amp; Admin [(c) x (h)] \$0.00

j) Total Indirect Costs [(e) + (g) + (i)]

\$659,094.29

## FIXED FEE (Profit)

q) (Rate: 10.00%)

k) TOTAL FIXED PROFIT [(c) + (j)] x (q)]

\$114,560.82

## I) OTHER DIRECT COSTS (ODC)

Description	Unit(s)	Unit Cost	Total
Copy/Reprographics	17,500 Page	\$3.50	\$61,250.00
Mails	50 Each	\$25.00	\$1,250.00
Mileage	7,320 Miles	\$0.700	\$5,124.00
Tolls	60 Trips	\$16.00	\$960.00
	10% Administrative		\$6,858.40
I) TOTAL OTHER DIRECT COSTS			\$75,442.40

## m) Subconsultants:

Earth Mechanics	Geotechnical	\$366,646.94	DBE
Fehr and Peers	Streetlight and Traffic Signal	\$102,276.89	
GFT	Structures	\$714,220.53	
MBI	Drainage and Environmental Permits	\$450,121.95	
NV5	Survey and Mapping	\$182,019.72	
Paragon Partners	Right of Way Acquisitions	\$178,835.39	
	10% Administrative	\$181,528.60	
m) TOTAL SUBCONSULTANT'S COSTS		\$2,175,650.03	

n) Total Other Direct Costs Including Subconsultants [(l) + (m)]

\$2,251,092.43

TOTAL COST [(c) + (j) + (k) + (n)]

\$3,511,261.47

SR-86 and Avenue 50 Bridge Over CVSC

☐ Prime Consultant
 ☐ Subconsultant
 ☐ 2nd Tier Sub
Consultant **AnGenious Engineering Services, Inc.**

Project No.

Contract No. TBD

Date \_\_\_\_\_

**1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total**

Direct Labor Subtotal	Total Hours		Avg Hourly	2 Year Contract
per Cost Proposal	per Cost Proposal		Rate	Duration
\$470,744.00	4,714	=	\$99.86	Year 1 Avg Hourly Rate

**2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)**

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$99.86	+	5%	=	\$104.85	Year 2 Avg Hourly Rate
Year 2	\$104.85	+	5%	=	\$110.10	Year 3 Avg Hourly Rate
Year 3	\$110.10	+	4%	=	\$114.50	Year 4 Avg Hourly Rate
Year 4	\$114.50	+	3%	=	\$117.94	Year 5 Avg Hourly Rate

**3. Calculate estimated hours per year (Multiply estimate % each year by total hours)**

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	33.00%	*	4714.0	=	1555.6	Estimated Hours Year 1
Year 2	67.00%	*	4714.0	=	3158.4	Estimated Hours Year 2
Year 3		*	4714.0	=	0.0	Estimated Hours Year 3
Year 4		*	4714.0	=	0.0	Estimated Hours Year 4
Year 5		*	4714.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	4714.0	

**4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)**

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$99.86	*	1556	=	\$155,345.52	Estimated Hours Year 1
Year 2	\$104.85	*	3158	=	\$331,168.40	Estimated Hours Year 2
Year 3	\$110.10	*	0	=	\$0.00	Estimated Hours Year 3
Year 4	\$114.50	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$117.94	*		=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$486,513.92	
Direct Labor Subtotal before Escalation				=	\$470,744.00	
Estimated total of Direct Labor Salary Increase				=	\$15,769.92	Transfer to Page 1

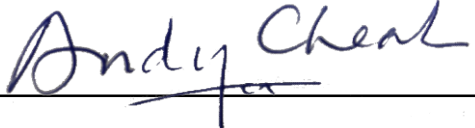
**SR-86 and Avenue 50 Bridge Over CVSC****Certification of Direct Costs:**

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

**Prime Consultant or Subconsultant Certifying:**

Name:	<u>Andy Cheah</u>	Title *:	<u>Principal</u>
Signature :		Date of Certification (mm/dd/yyyy):	<u>06/17/25</u>
Email:	<u><a href="mailto:Andy.Cheah@angenious-es.com">Andy.Cheah@angenious-es.com</a></u>	Phone Number:	<u>949-599-5400</u>
Address:	<u>26000 Towne Centre Drive North, Suite 100, Foothill Ranch, CA 92610</u>		

List services the Subconsultants are providing under the proposed contract:

CITY OF COACHELLA  
SR-86 and Avenue 50 Bridge Over CVSC

SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded Hourly Rate (Direct Labor, overhead, and profit)			\$331.55	\$323.78	\$271.97	\$246.07	\$220.17	\$160.59	\$142.46	\$116.56	TOTAL HOURS	TOTAL COST without Labor Escalation	TOTAL COST with Labor Escalation
TASKS	Task No	Staff Name	A. Cheah	R. Ong	C. Manila	N. Khoo	A. Bui	D. Cheah	T. Bong	L. Chai			
		Staff Classification	Project Manager	Sr. Project Engineer	Project Engineer II	Project Engineer I	Engineer III	Engineer II	Engineer I	Admin Assistant			
1	Project Management Services												
	1.1	Administration	80							8	88	\$27,456.13	\$28,375.92
	1.2	Coordination and Meetings	120	100						8	228	\$73,095.48	\$75,544.18
	1.3	Quality Assurance and Quality Control	120	120						8	248	\$79,570.99	\$82,236.61
	1.4	Project Schedule	80							8	88	\$27,456.13	\$28,375.92
	1.5	Risk Management	80	80						8	168	\$53,358.15	\$55,145.65
	1.6	Project Budget, Cost Accounting and Reporting	40							8	48	\$14,194.30	\$14,669.81
	1.7	Prepare Funding Applications	40			40			80	8	168	\$35,433.95	\$36,620.99
2	Draft Final Design Services (35% PS&E)												
	2.1	Surveys and Mapping	8	16							24	\$7,832.77	\$8,095.17
	2.2	Prepare Draft Plans	8	20	40		80		80		228	\$49,016.97	\$50,659.04
	2.3	Prepare Draft Cost Estimates	8	8		40		40			96	\$21,509.03	\$22,229.58
	2.4	Drainage Report	8	16							24	\$7,832.77	\$8,095.17
	2.5	Structures Type Selection Report, GP, & Estimate	8	16							24	\$7,832.77	\$8,095.17
	2.6	Geotechnical Design Report	8	8							16	\$5,242.57	\$5,418.19
	2.7	Utility Coordination and Research	24	24	40			40			128	\$33,030.25	\$34,136.76
	2.8	Right-Of-Way Requirements and Engineering	24	20		40	40		80		204	\$44,478.94	\$45,968.98
		2.8.1.Prepare Right-of-way requirements	24		40			80			144	\$31,683.34	\$32,744.74
		2.8.2.Prepare Legal Descriptions and Plat Maps	24	16	24						64	\$19,664.81	\$20,323.58
3	Right-Of-Way Acquisition Services												
	3.1	Appraisal	40	40		40			40		160	\$41,754.05	\$43,152.81
	3.2	Acquisition Support Services	40	40		40			40		160	\$41,754.05	\$43,152.81
4	Permits/Agreements												
	4.1	Clean Water Act Section 401 Water Quality Certification	8	40	20			40			108	\$27,466.50	\$28,386.62
	4.2	Clean Water Act Section 404 Standard Individual Permit	8	40	20			40			108	\$27,466.50	\$28,386.62
	4.3	California Fish and Game Code Section 1602 Streambed	8	40	20			40			108	\$27,466.50	\$28,386.62
	4.4	CVWD Encroachment Permit									0	\$0.00	\$0.00
5	Draft Final Design Services – 65% PS&E Submittal												
	5.1	Title Sheet	2	2		4			20		28	\$5,144.14	\$5,316.47
	5.2	Typical Cross Sections	8	24	24		80				136	\$34,563.65	\$35,721.53
	5.3	Plan and Profile Sheets	8	40	40			40	54		182	\$40,598.82	\$41,958.88
	5.4	Construction Details	8	16		40	40		40		144	\$32,180.66	\$33,258.71
	5.5	Grading Plans	8	40	40	120					208	\$56,010.51	\$57,886.87
	5.6	Drainage Report and Plans	8	16	20						44	\$13,272.19	\$13,716.81
	5.7	Irrigation Lateral and Tile Drain System	8	16							24	\$7,832.77	\$8,095.17
	5.8	Water Plans	8	20	40			40			108	\$26,430.41	\$27,315.83
	5.9	Utility Plans	24	32	40		40				136	\$38,003.43	\$39,276.55
	5.10	Summary of Quantities	8	36	8		40	40			132	\$31,714.43	\$32,776.86
	5.11	Stage Construction Plans	8	20	40			40			108	\$26,430.41	\$27,315.83

# EXHIBIT "B"

	5.12	Traffic Handling and Detour Plans	8	20	40		40	40			148	\$35,237.10	\$36,417.54
	5.13	Signing and Pavement Delineation Plans	8	8	8		40	40	60		164	\$31,196.39	\$32,241.46
	5.14	Traffic Signal and Street Lighting Plans	8	8	8			24			48	\$11,272.56	\$11,650.19
	5.15	Temporary Water Pollution and Erosion Control Plans	8	8	8						24	\$7,418.34	\$7,666.85
	5.16	Retaining Wall Plans	8	20	40		40		60		168	\$37,361.06	\$38,612.66
	5.17	Bridge Plans	8	8	8						24	\$7,418.34	\$7,666.85
	5.18	Bridge Independent Check	8	8	8						24	\$7,418.34	\$7,666.85
	5.19	Cost Estimates	20	32		40			40		132	\$32,532.93	\$33,622.78
	5.20	Specifications	40	60							100	\$32,688.34	\$33,783.40
8	Resident Engineer File and Supplemental Materials												
	8.1	Resident Engineer's Pending File									0	\$0.00	\$0.00
	8.2	Supplemental PS&E Materials									0	\$0.00	\$0.00
9	Contract Bid Documents (Ready-To-List)												
	9.1	Assemble Bid Package									0	\$0.00	\$0.00
	TOTAL HOURS		1,022	1,078	576	404	440	544	594	56	4,714	\$1,219,321.76	\$1,260,169.04

<b>Total Escalations</b>	<b>\$40,847.28</b>
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**Grand Total**     \$1,260,169.04

**SR-86/Avenue 50 New Interchange**☐ Prime Consultant☒ Subconsultant☐ 2nd Tier SubConsultant Earth Mechanics, Inc.

Project No. \_\_\_\_\_

Contract No. TBDDate 17-Jun-25**DIRECT LABOR**

Classification/Title	Name	Hours	Hourly Rates	Total
Principal/PM	Alahesh Thuraijah*	120	\$105.70	\$12,684.00
Principal Engineer / Geologist		140	\$81.60	\$11,424.00
Senior Engineer / Geologist		200	\$71.80	\$14,360.00
Sr. Project Engineer / Geologist		200	\$60.50	\$12,100.00
Project Engineer / Geologist		180	\$52.80	\$9,504.00
Sr. Staff Engineer / Geologist		140	\$49.60	\$6,944.00
Staff Engineer / Geologist		120	\$41.80	\$5,016.00
Senior Technician		260	\$54.10	\$14,066.00
		<b>1,360</b>		<b>\$86,098.00</b>

**LABOR COSTS**

a) Subtotal Direct Labor Costs

\$86,098.00

b) Anticipated Salary Increases (see page 2 for sample)

\$2,590.69

**c) TOTAL DIRECT LABOR COSTS [(a) + (b)]**

\$88,688.69

**FRINGE BENEFITS**d) Fringe Benefits (Rate: 50.72%)**e) Total Fringe Benefits**

[(c) x (d)] \$44,982.90

**INDIRECT COSTS**

f) Overhead

(Rate: 117.17%)

g) Overhead [(c) x (f)]

\$103,916.54

h) General and Administrative

(Rate: 0.00%)

i) Gen &amp; Admin [(c) x (h)]

\$0.00

**j) Total Indirect Costs [(e) + (g) + (i)]**

\$148,899.44

**FIXED FEE (Profit)**q) (Rate: 10.00%)**k) TOTAL FIXED PROFIT [(c) + (j)] x (q)]**

\$23,758.81

**l) OTHER DIRECT COSTS (ODC)**

Description	Quantity	Unit	Unit Cost	Total
Drill Rig Rental	14	Day	\$6,250.00	\$87,500.00
Traffic Control Rental	5	Day	\$2,500.00	\$12,500.00
Mileage	4000	Mile	\$0.700	\$2,800.00
R-Value	10	Test	\$250	\$2,500.00
<b>l) TOTAL OTHER DIRECT COSTS</b>				<b>\$105,300.00</b>

**m) Subconsultants:****m) TOTAL SUBCONSULTANT'S COSTS**

\$0.00

**n) Total Other Direct Costs Including Subconsultants [(l) + (m)]**

\$105,300.00

**TOTAL COST [(c) + (j) + (k) + (n)]****\$366,646.94**

☐ Prime Consultant ☐ Subconsultant ☐ 2nd Tier Sub

Consultant **Earth Mechanics, Inc.**

Project No.

Contract No. TBD

Date 17-Jun-25

**1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total**

Direct Labor Subtotal	Total Hours		Avg Hourly	2 Year Contract
per Cost Proposal	per Cost Proposal		Rate	Duration
\$86,098.00	1,360	=	\$63.31	Year 1 Avg Hourly Rate

**2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)**

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$63.31	+	3%	=	\$65.21	Year 2 Avg Hourly Rate
Year 2	\$65.21	+	3%	=	\$67.16	Year 3 Avg Hourly Rate
Year 3	\$67.16	+	3%	=	\$69.18	Year 4 Avg Hourly Rate
Year 4	\$69.18	+	3%	=	\$71.25	Year 5 Avg Hourly Rate

**3. Calculate estimated hours per year (Multiply estimate % each year by total hours)**

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	10.00%	*	1360.0	=	136.0	Estimated Hours Year 1
Year 2	80.00%	*	1360.0	=	1088.0	Estimated Hours Year 2
Year 3	10.00%	*	1360.0	=	136.0	Estimated Hours Year 3
Year 4		*	1360.0	=	0.0	Estimated Hours Year 4
Year 5		*	1360.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	1360.0	

**4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)**

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$63.31	*	136	=	\$8,609.80	Estimated Hours Year 1
Year 2	\$65.21	*	1088	=	\$70,944.75	Estimated Hours Year 2
Year 3	\$67.16	*	136	=	\$9,134.14	Estimated Hours Year 3
Year 4	\$69.18	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$71.25	*		=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$88,688.69	
Direct Labor Subtotal before Escalation				=	\$86,098.00	
Estimated total of Direct Labor Salary Increase				=	\$2,590.69	Transfer to Page 1


**SR-86/Avenue 50 New Interchange****Certification of Direct Costs:**

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

**Prime Consultant or Subconsultant Certifying:**

Name:	<u>Alahesh Thurairajah, PE, GE</u>	Title *:	<u>President</u>
Signature :		Date of Certification (mm/dd/yyyy):	<u>06/17/25</u>
Email:	<u><a href="mailto:A.Thurairajah@earthmech.com">A.Thurairajah@earthmech.com</a></u>	Phone Number:	<u>714-751-3826</u>
Address:	<u>17800 Newhope Street, Suite B, Fountain Valley, CA 92708</u>		

List services the Subconsultants are providing under the proposed contract:

541330 - Geotechnical Engineering

541380 - Laboratory Testing



SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded Hourly Rate (Direct Labor, overhead, and profit)				\$311.48	\$240.46	\$211.58	\$178.28	\$155.59	\$146.16	\$123.18	\$159.42	TOTAL HOURS	TOTAL COST with Labor Escalation
TASKS	Task No	Staff Name	Subconsultants	Alahesh Thurairajah*	0	0	0	0	0	0	0		
		Staff Classification		Principal/PM	Principal Engineer / Geologist	Senior Engineer / Geologist	Sr. Project Engineer / Geologist	Project Engineer / Geologist	Sr. Staff Engineer / Geologist	Staff Engineer / Geologist	Senior Technician		
1	Project Management Services												
	1.1	Administration										0	\$0.00
	1.2	Coordination and Meetings										0	\$0.00
	1.3	Quality Assurance and Quality Control										0	\$0.00
	1.4	Project Schedule										0	\$0.00
	1.5	Risk Management										0	\$0.00
	1.6	Project Budget, Cost Accounting and Reporting										0	\$0.00
	1.7	Prepare Funding Applications										0	\$0.00
2	Draft Final Design Services (35% PS&E)												
	2.1	Surveys and Mapping	NV5									0	\$0.00
	2.2	Prepare Draft Plans										0	\$0.00
	2.3	Prepare Draft Cost Estimates										0	\$0.00
	2.4	Drainage Report	Michael Baker International									0	\$0.00
	2.5	Structures Type Selection Report, GP, & Estimate	Transystem									0	\$0.00
	2.6	Geotechnical Design Report	Earth Mechanics	120	140	200	200	180	140	120	260	1,360	\$253,712.73
	2.7	Utility Coordination and Research										0	\$0.00
	2.8	Right-Of-Way Requirements and Engineering										0	\$0.00
		2.8.1.Prepare Right-of-way requirements										0	\$0.00
		2.8.2.Prepare Legal Descriptions and Plat Maps	NV5									0	\$0.00
	TOTAL HOURS			120	140	200	200	180	140	120	260	1,360	\$253,712.73

Total Escalations\$7,634

ODC\$105,300

Grand Total\$366,646.94

**SR-86/Avenue 50 New Interchange Project**☐ Prime Consultant☒ Subconsultant

☐ 2nd Tier Sub

Consultant **Fehr & Peers**

Project No.

Contract No.

Date 17-Mar-25

### DIRECT LABOR

Classification/Title	Name	Hours	Hourly Rates	Total
Principal In Charge/EOR		26	\$87.02	\$2,262.52
Project Manager		84	\$69.23	\$5,815.32
Sr. Engineering Technician		34	\$68.27	\$2,321.18
Sr. Project Engineer		84	\$50.48	\$4,240.32
Project Engineer		114	\$38.46	\$4,384.44
CAD Technician		128	\$48.32	\$6,184.96
Sr. Admin Assistant		61	\$57.69	\$3,519.09
		-		\$0.00
		<b>531</b>		<b>\$28,727.83</b>

## LABOR COSTS

a) Subtotal Direct Labor Costs

\$28,727.83

b) Anticipated Salary Increases (see page 2 for sample)

\$1,129.43

**c) TOTAL DIRECT LABOR COSTS [(a) + (b)]**

\$29,857.26

## FRINGE BENEFITS

d) Fringe Benefits (Rate: 60.07% )

### e) Total Fringe Benefits

[(c) x (d)]	\$17,935.26
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## INDIRECT COSTS

f) Overhead

(Rate: 90.65%

g) Overhead [(c) x (f)]

\$27,065.61

#### h) General and Administrative

(Rate: 30.67%

i) Gen & Admin [(c) x (h)]

\$9,157.22

**j) Total Indirect Costs [(e) + (g) + (i)]**

\$54,158.09

**FIXED FEE (Profit)**

q) (Rate: 10.00%)

**k) TOTAL FIXED PROFIT [(c) + (j)] x (q)]**

\$8,401.54

### I) OTHER DIRECT COSTS (ODC)

Description	Unit(s)		Unit Cost	Total
Copy/Reprographics	2,000.00	Page	\$3.00	\$6,000.00
Mails	18.00	Each	\$20.00	\$360.00
Mileage	5,000.00	Miles	\$0.655	\$3,275.00
Tolls	15.00	Trips	\$15.00	\$225.00
<b>I) TOTAL OTHER DIRECT COSTS</b>				<b>\$9,860.00</b>

**m) Subconsultants:**

DBE	
10% Administrative	\$0.00
m) TOTAL SUBCONSULTANT'S COSTS	\$0.00

**n) Total Other Direct Costs Including Subconsultants [(l) + (m)]**

\$9,860.00

**TOTAL COST [(c) + (j) + (k) + (n)]**

**\$102,276.89**

SR-86/Avenua 50 New Interchange Project

☐ Prime Consultant ☒ Subconsultant☐ 2nd Tier SubConsultant **Fehr & Peers**

Project No.

Contract No. TBDDate 17-Mar-25**1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total**

Direct Labor Subtotal	Total Hours	Avg Hourly	2 Year Contract
per Cost Proposal	per Cost Proposal	Rate	Duration
\$28,727.83	531	=	\$54.10 Year 1 Avg Hourly Rate

**2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)**

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$54.10	+	3%	=	\$55.72	Year 2 Avg Hourly Rate
Year 2	\$55.72	+	3%	=	\$57.40	Year 3 Avg Hourly Rate
Year 3	\$57.40	+	3%	=	\$59.12	Year 4 Avg Hourly Rate
Year 4	\$59.12	+	3%	=	\$60.89	Year 5 Avg Hourly Rate

**3. Calculate estimated hours per year (Multiply estimate % each year by total hours)**

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	5.00%	*	531.0	=	26.6	Estimated Hours Year 1
Year 2	60.00%	*	531.0	=	318.6	Estimated Hours Year 2
Year 3	35.00%	*	531.0	=	185.9	Estimated Hours Year 3
Year 4		*	531.0	=	0.0	Estimated Hours Year 4
Year 5		*	531.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	531.0	

**4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)**

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$54.10	*	27	=	\$1,436.39	Estimated Hours Year 1
Year 2	\$55.72	*	319	=	\$17,753.80	Estimated Hours Year 2
Year 3	\$57.40	*	186	=	\$10,667.07	Estimated Hours Year 3
Year 4	\$59.12	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$60.89	*		=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$29,857.26	
Direct Labor Subtotal before Escalation				=	\$28,727.83	
Estimated total of Direct Labor Salary Increase				=	\$1,129.43	Transfer to Page 1

**SR-86/Avenue 50 New Interchange Project****Certification of Direct Costs:**

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

**Prime Consultant or Subconsultant Certifying:**

Name: _____	Title *: _____	Principal _____
	Date of _____	
	Certification _____	
Signature : _____	(mm/dd/yyyy): _____	
Email: _____	Phone Number: _____	
Address: _____		

List services the Subconsultants are providing under the proposed contract:

CITY OF COACHELLA  
SR-86/Avenua 50 New Interchange Project

SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded Hourly Rate (Direct Labor, overhead, and profit)			\$269.35	\$214.29	\$211.32	\$156.25	\$119.04	\$149.56	\$178.57	\$0.00	TOTAL HOURS	TOTAL COST without Labor Escalation	TOTAL COST with Labor Escalation
TASKS	Task No	Staff Name	0	0	0	0	0	0	0	0			
		Staff Classification	Principal In Charge/EOR	Project Manager	Sr. Engineering Technician	Sr. Project Engineer	Project Engineer	CAD Technician	Sr. Admin Assistant	0			
1	Project Management Services												
	1.1	Administration									0	\$0.00	\$0.00
	1.2	Coordination and Meetings	8	16	4	8	8	0	6		50	\$9,702.43	\$9,948.33
	1.3	Quality Assurance and Quality Control									0	\$0.00	\$0.00
	1.4	Project Schedule									0	\$0.00	\$0.00
	1.5	Risk Management									0	\$0.00	\$0.00
	1.6	Project Budget, Cost Accounting and Reporting									0	\$0.00	\$0.00
	1.7	Funding Assistance									0	\$0.00	\$0.00
5	Draft Final Design Services – 65% PS&E Submittal												
	5.1	Title Sheet									0	\$0.00	\$0.00
	5.2	Typical Cross Sections									0	\$0.00	\$0.00
	5.3	Plan and Profile Sheets									0	\$0.00	\$0.00
	5.4	Construction Details									0	\$0.00	\$0.00
	5.5	Grading Plans									0	\$0.00	\$0.00
	5.6	Drainage Report and Plans									0	\$0.00	\$0.00
	5.7	Water Plans									0	\$0.00	\$0.00
	5.8	Utility Plans									0	\$0.00	\$0.00
	5.9	Summary of Quantities	2	8	2	4	4	8	4		32	\$5,687.60	\$5,831.74
	5.10	Stage Construction Plans									0	\$0.00	\$0.00
	5.11	Signing and Pavement Delineation Plans									0	\$0.00	\$0.00
	5.12	Traffic Signal, Ramp Metering and Street Lighting Plans	12	50	24	60	90	120	45		401	\$65,090.45	\$66,740.06
	5.13	Bridge Demolition Plans									0	\$0.00	\$0.00
	5.14	Bridge Plans									0	\$0.00	\$0.00
	5.15	Bridge Independent Check									0	\$0.00	\$0.00
	5.16	Cost Estimates	2	4	2	4	12	0	3		27	\$4,407.72	\$4,519.43
	5.17	Specifications	2	6	2	8	0	0	3		21	\$4,032.76	\$4,134.96
6	Draft Final Design Services – 95% PS&E Submittal												
	TOTAL HOURS		26	84	34	84	114	128	61	0	531	\$88,920.96	\$91,174.51

Total Escalations \$2,253.55  
Grand Total \$91,174.51

**SR-86/Avenua 50 New Interchange Project**☐ Prime Consultant☒ Subconsultant☐ 2nd Tier SubConsultant GFT (Previously known as TranSystems)Project No. TBDContract No. TBDDate 28-Feb-25**DIRECT LABOR**

Classification/Title	Name	Hours	Hourly Rates	Total
Project Manager	Andre Issa	340	\$100.92	\$34,312.80
Senior Bridge Engineer	Sam Xie	320	\$100.50	\$32,160.00
Engineer II	Jaime Garcia	850	\$60.10	\$51,085.00
Engineer II	Shunji Jiang	230	\$60.10	\$13,823.00
Senior CAD Technician	Paula Johnson	1,070	\$67.66	\$72,396.20
Engineer I	Andre Castillo	680	\$41.44	\$28,179.20
Engineer II	Alvin Yep	680	\$46.04	\$31,307.20
Admin Assistant	Rachel Lopez	120	\$42.56	\$5,107.20
		<b>4,290</b>		<b>\$268,370.60</b>

**LABOR COSTS**

a) Subtotal Direct Labor Costs

\$268,370.60

b) Anticipated Salary Increases (see page 2 for sample)

\$8,075.27

**c) TOTAL DIRECT LABOR COSTS [(a) + (b)]**

\$276,445.87

**FRINGE BENEFITS**d) Fringe Benefits (Rate: 49.89%)**e) Total Fringe Benefits**

[(c) x (d)] \$137,918.85

**INDIRECT COSTS**

f) Overhead

(Rate: 84.62%)

g) Overhead [(c) x (f)]

\$233,928.50

h) General and Administrative

(Rate:           )

i) Gen &amp; Admin [(c) x (h)]

\$0.00

**j) Total Indirect Costs [(e) + (g) + (i)]**

\$371,847.34

**FIXED FEE (Profit)**q) (Rate: 10.00%)**k) TOTAL FIXED PROFIT [(c) + (j)] x (q)]**

\$64,829.32

**l) OTHER DIRECT COSTS (ODC)****Description****Unit(s)****Unit Cost****Total**

Copy/Reprographics

5

Submittals

\$100.00

\$500.00

Mails

5

Each

\$50.00

\$250.00

Mileage

600

Miles

\$0.580

\$348.00

**m) TOTAL SUBCONSULTANT'S COSTS**

\$0.00

**n) Total Other Direct Costs Including Subconsultants [(l) + (m)]**

\$1,098.00

**TOTAL COST [(c) + (j) + (k) + (n)]****\$714,220.53**

SR-86/Avenua 50 New Interchange Project

☐ Prime Consultant ☒ Subconsultant☐ 2nd Tier SubConsultant **GFT (Previously known as TranSystems)**

Project No. TBD

Contract No. TBDDate 28-Feb-25**1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total**

Direct Labor Subtotal	Total Hours		Avg Hourly	2 Year Contract
per Cost Proposal	per Cost Proposal		Rate	Duration
\$268,370.60	4,290	=	\$62.56	Year 1 Avg Hourly Rate

**2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)**

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$62.56	+	3%	=	\$64.43	Year 2 Avg Hourly Rate
Year 2	\$64.43	+	3%	=	\$66.37	Year 3 Avg Hourly Rate
Year 3	\$66.37	+	3%	=	\$68.36	Year 4 Avg Hourly Rate
Year 4	\$68.36	+	3%	=	\$70.41	Year 5 Avg Hourly Rate

**3. Calculate estimated hours per year (Multiply estimate % each year by total hours)**

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	10.00%	*	4290.0	=	429.0	Estimated Hours Year 1
Year 2	80.00%	*	4290.0	=	3432.0	Estimated Hours Year 2
Year 3	10.00%	*	4290.0	=	429.0	Estimated Hours Year 3
Year 4		*	4290.0	=	0.0	Estimated Hours Year 4
Year 5		*	4290.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	4290.0	

**4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)**

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$62.56	*	429	=	\$26,837.06	Estimated Hours Year 1
Year 2	\$64.43	*	3432	=	\$221,137.37	Estimated Hours Year 2
Year 3	\$66.37	*	429	=	\$28,471.44	Estimated Hours Year 3
Year 4	\$68.36	*	0	=	\$0.00	Estimated Hours Year 4

**SR-86/Avenua 50 New Interchange Project****Certification of Direct Costs:**

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

**Prime Consultant or Subconsultant Certifying:**

Name:	<u>Ayman Salama</u>	Title *:	<u>Principal</u>
Signature :	<u></u>	Date of Certification (mm/dd/yyyy):	<u></u>
Email:	<u><a href="mailto:aesalama@transystems.com">aesalama@transystems.com</a></u>	Phone Number:	<u>949-798-9385</u>
Address:	<u>6 Hutton Centre Dr, Suite 800, Santa Ana, CA 92707</u>		

List services the Subconsultants are providing under the proposed contract:



SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded Hourly Rate (Direct Labor, overhead, and profit)				\$260.33	\$259.25	\$155.03	\$155.03	\$174.54	\$106.90	\$118.77	\$109.79	TOTAL HOURS	TOTAL COST with Labor Escalation	TOTAL COST without Labor Escalation
TASKS	Task No	Staff Name	Subconsultants	Andre Issa	Sam Xie	Jamie Garcia	Shunji Jiang	Paula Johnson	Andre Castillo	Alvin Yep	Kathleen Lopez			
		Staff Classification		Project Manager	Senior Bridge Engineer	Engineer II	Engineer II	Senior CAD Technician	Engineer I	Engineer II	Admin Assistant			
1	Project Management Services													
	1.1	Administration		40								40	\$10,413.37	\$10,743.22
	1.2	Coordination and Meetings		80	40							120	\$31,196.77	\$32,184.96
	1.3	Quality Assurance and Quality Control		80	80							160	\$41,566.80	\$42,883.48
	1.4	Project Schedule		40								40	\$10,413.37	\$10,743.22
	1.5	Risk Management										0	\$0.00	\$0.00
	1.6	Project Budget, Cost Accounting and Reporting									120	120	\$13,174.58	\$13,591.90
	1.7	Prepare Funding Applications										0	\$0.00	\$0.00
2	Draft Final Design Services (35% PS&E)													
	2.1	Surveys and Mapping	NV5									0	\$0.00	\$0.00
	2.2	Prepare Draft Plans										0	\$0.00	\$0.00
	2.3	Prepare Draft Cost Estimates										0	\$0.00	\$0.00
	2.4	Drainage Report	Michael Baker International									0	\$0.00	\$0.00
	2.5	Structures Type Selection Report, GP, & Estimate	Transsystems	100	100	100		180	140	140		760	\$130,471.51	\$134,604.34
	2.6	Geotechnical Design Report	Earth Mechanics									0	\$0.00	\$0.00
	2.7	Utility Coordination and Research										0	\$0.00	\$0.00
	2.8	Right-Of-Way Requirements and Engineering										0	\$0.00	\$0.00
		2.8.1.Prepare Right-of-way requirements										0	\$0.00	\$0.00
		2.8.2.Prepare Legal Descriptions and Plat Maps	NV5									0	\$0.00	\$0.00
5	Draft Final Design Services – 65% PS&E Submittal													
	5.10	Summary of Quantities										0	\$0.00	\$0.00
	5.11	Stage Construction Plans										0	\$0.00	\$0.00
	5.12	Traffic Handling and Detour Plans										0	\$0.00	\$0.00
	5.13	Signing and Pavement Delineation Plans										0	\$0.00	\$0.00
	5.14	Traffic Signal and Street Lighting Plans										0	\$0.00	\$0.00
	5.15	Temporary Water Pollution and Erosion Control Plans	Michael Baker International									0	\$0.00	\$0.00
	5.16	Retaining Wall Plans	Transsystems		20	250	50	180	80	80		660	\$101,165.08	\$104,369.59
	5.17	Bridge Plans	Transsystem		40	400		550	240	80		1310	\$203,535.87	
	5.18	Bridge Independent Check	Transsystems		40	100	180	160	40	200		720	\$109,734.55	\$113,210.50
	5.19	Cost Estimates	Everyone - based on your work						180	180		360	\$40,619.57	\$41,906.24
	5.20	Specifications	Everyone - based on your work									0	\$0.00	\$0.00
	TOTAL HOURS			340	320	850	230	1,070	680	680	120	4,290	\$692,291.48	\$714,220.53

Total Escalations \$20,831  
ODC \$1,098  
Grand Total \$714,220.53

CITY OF COACHELLA  
SR-86/Avenue 50 New Interchange Project

Consultant **Michael Baker International, Inc.**

SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded				\$312.93	\$248.84	\$145.80	\$151.20	\$127.62	\$211.43	\$162.36	\$138.86	TOTAL HOURS	TOTAL COST without Labor Escalation	TOTAL COST with Labor Escalation
TASKS	Task No.	Staff Name	Subconsultants	Brad Losey	Perla Abarca	Garrett Ribas	Daniel Price	George (Zhuofeng) Li	Daniel Cardoza	April Nakagawa	Trina Ming			
		Staff Classification		Project Manager	Technical Manager	Project Engineer I	Technical Specialist	Assistant Engineer	Environmental Manager I	Environmental Specialist II	Environmental Specialist I			
1	Project Management Services													
	1.1	Administration		24	40							64	\$17,463.76	\$18,150.34
	1.2	Coordination and Meetings		12	32							44	\$11,717.93	\$12,178.62
	1.3	Quality Assurance and Quality Control		4	32							36	\$9,214.50	\$9,576.77
	1.6	Project Budget, Cost Accounting and Reporting		6	32							38	\$9,840.36	\$10,227.23
	2.4	Drainage Report	Michael Baker International	4	24	40	80	120				268	\$40,467.11	\$42,058.07
4	Permits/Agreements													
	4.1.1	Clean Water Act Section 401 Water Quality	Michael Baker						16	64	48	128	\$20,438.99	\$21,242.55
	4.1.2	Clean Water Act Section 404 Standard Individual	Michael Baker						16	64	48	128	\$20,438.99	\$21,242.55
	4.1.3	California Fish and Game Code Section 1602	Michael Baker						20	64	48	132	\$21,284.70	\$22,121.51
	4.4	CVWD Encroachment Permit										0	\$0.00	\$0.00
	4.2.1	Environmental Re-Validation Research and Data	Michael Baker						6	32	40	78	\$12,018.37	\$12,490.88
	4.2.2	Environmental Re-Validation Memorandum	Michael Baker						8	40	60	108	\$16,517.26	\$17,166.64
	4.2.3	Environmental Re-Validation	Michael Baker						12	60	40	112	\$17,832.99	\$18,534.09
	4.2.4	Environmental Coordination & Meetings	Michael Baker						12	24	8	44	\$7,544.60	\$7,841.22
5	Draft Final Design Services – 65% PS&E Submittal													
	5.6	Drainage Report and Plans	Michael Baker International	8	40	120	80	240				488	\$72,679.14	\$75,536.52
	5.16	Cost Estimates		2	4	24		40				70	\$10,225.38	\$10,627.39
	5.17	Specifications		4	12	16						32	\$6,570.55	\$6,828.88
6	Draft Final Design Services – 95% PS&E Submittal													
	6.6	Drainage Plans	Michael Baker International	12	40	120	80	200				452	\$68,825.87	\$71,531.76
	6.15	Cost Estimates		2	4	12		40				58	\$8,475.78	\$8,809.01
	6.16	Specifications		2	8	12						22	\$4,366.15	\$4,537.81
7	Final Design Services – 100% PS&E Submittal													
	7.6	Drainage Plans	Michael Baker International	8	24	80	40	140				292	\$44,055.11	\$45,787.14
	7.15	Cost Estimates		2	2	8		24				36	\$5,352.92	\$5,563.37
	7.16	Specifications		2	24	8						34	\$7,764.35	\$8,069.60
	TOTAL HOURS			92	318	440	280	804	90	348	292	2,664	\$433,094.83	\$450,121.95

Total Escalations \$17,027.12  
Grand Total \$450,121.95

## SR-86/Avenua 50 New Interchange Project

☐ Prime Consultant☒ Subconsultant☐ 2nd Tier Sub

Consultant NV5, INC.

Project No.

Contract No.

Date

## DIRECT LABOR

Classification/Title	Name	Hours	Hourly Rates	Total
Project Manager	Jay Fahrion	250	\$93.75	\$23,437.50
Senior Surveyor	Doug Boyle	280	\$50.12	\$14,033.60
Senior Surveyor	David McCoppen	108	\$45.00	\$4,860.00
. Survey Party Chief (PW)	Joshua Wehe *	80	\$82.26	\$6,580.80
Survey Instrument Person (PW)	Matthew Fahrion *	80	\$85.28	\$6,822.40
Admin Assistant	Chong Leong	16	\$45.67	\$730.72
		-		
		-		
		814		\$56,465.02

## LABOR COSTS

a) Subtotal Direct Labor Costs

\$56,465.02

b) Anticipated Salary Increases (see page 2 for sample)

\$2,219.92

c) TOTAL DIRECT LABOR COSTS [(a) + (b)]

\$58,684.94

## FRINGE BENEFITS

d) Fringe Benefits (Rate: 25.92% )

e) Total Fringe Benefits

[(c) x (d)]

\$15,211.14

## INDIRECT COSTS

f) Overhead

(Rate: 0.00%)

g) Overhead [(c) x (f)]

\$0.00

h) General and Administrative

(Rate: 118.90%)

i) Gen &amp; Admin [(c) x (h)]

\$69,776.40

j) Total Indirect Costs [(e) + (g) + (i)]

\$84,987.53

## FIXED FEE (Profit)

q) (Rate: 10.00% )

k) TOTAL FIXED PROFIT [(c) + (j)] x (q)]

\$14,367.25

## l) OTHER DIRECT COSTS (ODC)

Description

Unit(s)	Unit Cost	Total
Page		\$0.00
		\$0.00
		\$0.00
		\$0.00
l) TOTAL OTHER DIRECT COSTS		\$0.00

## m) Subconsultants:

AeroTech

\$7,425.00

Fidelity Title 10 PTR

\$14,375.00

10% Administrative

\$2,180.00

m) TOTAL SUBCONSULTANT'S COSTS

\$23,980.00

n) Total Other Direct Costs Including Subconsultants [(l) + (m)]

\$23,980.00

TOTAL COST [(c) + (j) + (k) + (n)]

\$182,019.72

SR-86/Avenua 50 New Interchange Project

☐ Prime Consultant ☒ Subconsultant☐ 2nd Tier SubConsultant **NV5, INC.**

Project No.

Contract No. TBD

Date \_\_\_\_\_

**1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total hours)**

Direct Labor Subtotal	Total Hours	Avg Hourly	2 Year Contract
per Cost Proposal	per Cost Proposal	Rate	Duration
\$56,465.02	814	=	\$69.37 Year 1 Avg Hourly Rate

**2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)**

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$69.37	+	3.00%	=	\$71.45	Year 2 Avg Hourly Rate
Year 2	\$71.45	+	3.00%	=	\$73.59	Year 3 Avg Hourly Rate
Year 3	\$73.59	+	3.00%	=	\$75.80	Year 4 Avg Hourly Rate
Year 4	\$75.80	+	3.00%	=	\$78.07	Year 5 Avg Hourly Rate

**3. Calculate estimated hours per year (Multiply estimate % each year by total hours)**

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	5.00%	*	814.0	=	40.7	Estimated Hours Year 1
Year 2	60.00%	*	814.0	=	488.4	Estimated Hours Year 2
Year 3	35.00%	*	814.0	=	284.9	Estimated Hours Year 3
Year 4		*	814.0	=	0.0	Estimated Hours Year 4
Year 5		*	814.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	814.0	

**4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)**

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$69.37	*	41	=	\$2,823.25	Estimated Hours Year 1
Year 2	\$71.45	*	488	=	\$34,895.38	Estimated Hours Year 2
Year 3	\$73.59	*	285	=	\$20,966.31	Estimated Hours Year 3
Year 4	\$75.80	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$78.07	*		=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$58,684.94	
Direct Labor Subtotal before Escalation				=	\$56,465.02	
Estimated total of Direct Labor Salary Increase				=	\$2,219.92	Transfer to Page 1

**SR-86/Avenua 50 New Interchange Project****Certification of Direct Costs:**

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

1. Generally Accepted Accounting Principles (GAAP)
2. Terms and conditions of the contract
3. Title 23 United States Code Section 112 - Letting of Contracts
4. 48 Code of Federal Regulations Part 31 - Contract Cost Principles and Procedures
5. 23 Code of Federal Regulations Part 172 - Procurement, Management, and Administration of Engineering and Design Related Service
6. 48 Code of Federal Regulations Part 9904 - Cost Accounting Standards Board (when applicable)

All costs must be applied consistently and fairly to all contracts. All documentation of compliance must be retained in the project files and be in compliance with applicable federal and state requirements. Costs that are noncompliant with the federal and state requirements are not eligible for reimbursement. Local governments are responsible for applying only cognizant agency approved or Caltrans accepted Indirect Cost Rate(s).

**Prime Consultant or Subconsultant Certifying:**

Name:	<u>Mike Stys</u>	Title *:	<u>Principal</u>
		Date of	
		Certification	
Signature :	<u></u>	(mm/dd/yyyy):	<u>05/29/25</u>
Email:	<u><a href="mailto:mike.stys@nv5.com">mike.stys@nv5.com</a></u>	Phone Number:	<u>858-223-2330</u>
Address:	<u>15092 Avenue of Science, Suite 200 San Diego, CA 9218</u>		

List services the Subconsultants are providing under the proposed contract:

## SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded Hourly Rate (Direct Labor, overhead, and profit)			\$216.56	\$115.78	\$103.95	\$190.02	\$197.00	\$105.50	\$0.00	\$0.00	TOTAL HOURS	TOTAL COST without Labor Escalation	TOTAL COST with Labor Escalation
TASKS	Task No	Staff Name	Jay Fahrion	Doug Boyle	David McCoppen	Joshua Wehe *	Matthew Fahrion *	Chong Leong	0	0			
		Staff Classification	Project Manager	Senior Surveyor	Senior Surveyor	. Survey Party Chief (PW)	Survey Instrument Person (PW)	Admin Assistant	0	0			
1	Project Management Services												
	1.1	Administration	40								40	\$8,662.50	\$9,003.07
	1.2	Coordination and Meetings	40								40	\$8,662.50	\$9,003.07
	1.3	Quality Assurance and Quality Control	20								20	\$4,331.25	\$4,501.53
	1.4	Project Schedule									0	\$0.00	\$0.00
	1.5	Risk Management									0	\$0.00	\$0.00
	1.6	Project Budget, Cost Accounting and Reporting									0	\$0.00	\$0.00
	1.7	Funding Assistance									0	\$0.00	\$0.00
2	Draft Final Design Services (35% PS&E)											\$0.00	
	2.1	Surveys and Mapping	90	160	68	80	80	8			486	\$76,888.95	\$79,911.84
	2.2	Prepare Draft Plans									0	\$0.00	\$0.00
	2.3	Prepare Draft Cost Estimates									0	\$0.00	\$0.00
	2.4	Drainage Report									0	\$0.00	\$0.00
	2.5	Structures Type Selection Report, GP, & Estimate									0	\$0.00	\$0.00
	2.6	Geotechnical Design Report									0	\$0.00	\$0.00
	2.7	Utility Coordination and Research									0	\$0.00	\$0.00
	2.8	Right-Of-Way Requirements and Engineering									0	\$0.00	\$0.00
		2.8.1.Prepare Right-of-way requirements									0	\$0.00	\$0.00
		2.8.2.Prepare Legal Descriptions and Plat Maps	60	120	40			8			228	\$31,889.00	\$33,142.71
	TOTAL HOURS		250	280	108	80	80	16	0	0	814	\$130,434.20	\$135,562.22

<b>Total Escalations</b>	<b>\$5,128.02</b>
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**Grand Total**      \$135,562.22

## SR-86/Avenua 50 New Interchange Project

☐ Prime Consultant☒ Subconsultant☐ 2nd Tier SubConsultant **Paragon Partners Consultants, Inc.**

Project No. \_\_\_\_\_

Contract No. \_\_\_\_\_

Date 29-May-25

## DIRECT LABOR

Classification/Title	Name	Hours	Hourly Rates	Total
Project Manager/Principal	Mark Mendoza	192	\$111.67	\$21,440.64
Agent	Sarah Riggs	340	\$40.86	\$13,892.40
Coordinator	Jennifer Benson	120	\$33.65	\$4,038.00
Project Controls Specialist	Joyce Monaco	80	\$44.47	\$3,557.60
		<b>732</b>		<b>\$42,928.64</b>

## LABOR COSTS

a) Subtotal Direct Labor Costs

\$42,928.64

b) Anticipated Salary Increases (see page 2 for sample)

\$1,687.74

c) TOTAL DIRECT LABOR COSTS [(a) + (b)] \$44,616.38

## FRINGE BENEFITS

d) Fringe Benefits (Rate: \_\_\_\_\_)

e) Total Fringe Benefits

[(c) x (d)] \$0.00

## INDIRECT COSTS

f) Overhead

(Rate: 93.02%)g) Overhead [(c) x (f)] \$41,502.16

h) General and Administrative

(Rate: \_\_\_\_\_)

i) Gen & Admin [(c) x (h)] \$0.00j) Total Indirect Costs [(e) + (g) + (i)] \$41,502.16

## FIXED FEE (Profit)

q) (Rate: 10.00%)k) TOTAL FIXED PROFIT [(c) + (j)] x (q)] \$8,611.85

## l) OTHER DIRECT COSTS (ODC)

## Description

	Unit(s)	Unit Cost	Total
Copy/Reprographics	- Page	\$3.00	\$0.00
Mails	14.00 Each	\$25.00	\$350.00
Mileage	2,500.00 Miles	\$0.700	\$1,750.00
Tolls	- Trips	\$15.00	\$0.00
l) TOTAL OTHER DIRECT COSTS			<u>\$2,100.00</u>

## m) Subconsultants:

Thompson &amp; Thompson

\$56,000.00

Scott Enterprises

\$8,400.00

Commonwealth

\$10,150.00

10% Administrative

\$7,455.00

m) TOTAL SUBCONSULTANT'S COSTS \$82,005.00n) Total Other Direct Costs Including Subconsultants [(l) + (m)] \$84,105.00TOTAL COST [(c) + (j) + (k) + (n)] \$178,835.39

SR-86/Avenua 50 New Interchange Project

☐ Prime Consultant
 ☒ Subconsultant
 ☐ 2nd Tier Sub
Consultant **Paragon Partners Consultants, Inc.**

Project No. \_\_\_\_\_

Contract No. TBD

Date \_\_\_\_\_

**1. Calculate Average Hourly Rate for 1st year of the contract (Direct Labor Subtotal divided by total**

Direct Labor Subtotal	Total Hours		Avg Hourly	2 Year Contract
per Cost Proposal	per Cost Proposal		Rate	Duration
\$42,928.64	732	=	\$58.65	Year 1 Avg Hourly Rate

**2. Calculate hourly rate for all years (Increase the Average Hourly Rate for a year by proposed escalation %)**

	Avg Hourly Rate		Proposed Escalation			
Year 1	\$58.65	+	3%	=	\$60.41	Year 2 Avg Hourly Rate
Year 2	\$60.41	+	3%	=	\$62.22	Year 3 Avg Hourly Rate
Year 3	\$62.22	+	3%	=	\$64.08	Year 4 Avg Hourly Rate
Year 4	\$64.08	+	3%	=	\$66.01	Year 5 Avg Hourly Rate

**3. Calculate estimated hours per year (Multiply estimate % each year by total hours)**

	Estimated % Completed Each Year		Total Hours per Cost Proposal		Total Hours per Year	
Year 1	5.00%	*	732.0	=	36.6	Estimated Hours Year 1
Year 2	60.00%	*	732.0	=	439.2	Estimated Hours Year 2
Year 3	35.00%	*	732.0	=	256.2	Estimated Hours Year 3
Year 4		*	732.0	=	0.0	Estimated Hours Year 4
Year 5		*	732.0	=	0.0	Estimated Hours Year 5
Total	100%		Total	=	732.0	

**4. Calculate Total Costs including Escalation (Multiply Average Hourly Rate by the number of hours)**

	Avg Hourly Rate (calculated above)		Estimated hours (calculated above)		Cost per Year	
Year 1	\$58.65	*	37	=	\$2,146.43	Estimated Hours Year 1
Year 2	\$60.41	*	439	=	\$26,529.90	Estimated Hours Year 2
Year 3	\$62.22	*	256	=	\$15,940.05	Estimated Hours Year 3
Year 4	\$64.08	*	0	=	\$0.00	Estimated Hours Year 4
Year 5	\$66.01	*		=	\$0.00	Estimated Hours Year 5
Total Direct Labor Cost with Escalation				=	\$44,616.38	
Direct Labor Subtotal before Escalation				=	\$42,928.64	
Estimated total of Direct Labor Salary Increase				=	\$1,687.74	Transfer to Page 1



CITY OF COACHELLA


**SR-86/Avenue 50 New Interchange Project****Certification of Direct Costs:**

I, the undersigned, certify to the best of my knowledge and belief that all direct costs identified on the cost proposal(s) in this contract are actual, reasonable, allowable, and allocable to the contract in accordance with the contract terms and the following requirements:

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**Prime Consultant or Subconsultant Certifying:**

Name:	<u>William McCawley</u>	Title *:	<u>Vice President/CFO</u>
		Date of	
Signature :		Certification	
		(mm/dd/yyyy):	<u>05/29/25</u>
Email:	<u><a href="mailto:bmccawley@paragon-partners.com">bmccawley@paragon-partners.com</a></u>	Phone Number:	<u>714452-2226</u>
Address:	<u>5660 Katella Ave., Suite 100, Cypress, CA 90630</u>		

List services the Subconsultants are providing under the proposed contract:

CITY OF COACHELLA

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SR-86/Avenua 50 New Interchange Project

## SCOPE OF WORK - ESTIMATED HOURS WORKSHEET

Fully Loaded Hourly Rate (Direct Labor, overhead, and profit)		\$237.10	\$86.75	\$71.45	\$94.42	TOTAL HOURS	TOTAL COST without Labor Escalation	TOTAL COST with Labor Escalation
TASK	Task No	Staff Name	Mark Mendoza	Sarah Riggs	Jennifer Benson	Joyce Monaco		
		Staff Classification	Project Manager/Principal	Agent	Coordinator	Project Controls Specialist		
<b>1</b>	<b>Project Management Services</b>							
	1.1	Administration					\$0.00	\$0.00
	1.2	Coordination and Meetings					\$0.00	\$0.00
	1.3	Quality Assurance and Quality Control					\$0.00	\$0.00
	1.4	Project Schedule					\$0.00	\$0.00
	1.5	Risk Management					\$0.00	\$0.00
	1.6	Project Budget, Cost Accounting and Reporting					\$0.00	\$0.00
	1.7	Funding Assistance					\$0.00	\$0.00
<b>2</b>	<b>Draft Final Design Services (35% PS&amp;E)</b>						\$0.00	
	2.1	Surveys and Mapping					\$0.00	\$0.00
	2.2	Prepare Draft Plans					\$0.00	\$0.00
	2.3	Prepare Draft Cost Estimates					\$0.00	\$0.00
	2.4	Drainage Report					\$0.00	\$0.00
	2.5	Structures Type Selection Report, GP, & Estimate					\$0.00	\$0.00
	2.6	Geotechnical Design Report					\$0.00	\$0.00
	2.7	Utility Coordination and Research					\$0.00	\$0.00
	2.8	Right-Of-Way Requirements and Engineering					\$0.00	\$0.00
	2.8.1	Prepare Right-of-way requirements					\$0.00	\$0.00
	2.8.2	Prepare Legal Descriptions and Plat Maps					\$0.00	\$0.00
<b>3</b>	<b>Right-Of-Way Acquisition Services</b>							
	3.1	Management/Meetings/Reporting	55	18	25	18	\$18,087.80	\$18,798.92
	3.2	Valuation Coordination and Review	10	16	10	0	\$4,473.54	\$4,649.42
	3.3	Document Prep (PSA, Easement, TCE, etc.)	18	28	12	7	\$8,215.23	\$8,538.21
	3.4	Offer Package Preparation	15	40	14	30	\$10,859.53	\$11,286.47
	3.5	Negotiations	46	175	0	0	\$26,088.68	\$27,114.36
	3.6	Escrow Coordination	16	24	16	0	\$7,018.86	\$7,294.80
	3.7	Right of Way Certification	20	14	8	5	\$7,000.24	\$7,275.45
	3.8	Document Control/File Management	12	25	35	20	\$9,403.08	\$9,772.77
<b>4</b>	<b>Permits/Agreements</b>							
	4.1	Clean Water Act Section 401 Water Quality					\$0.00	\$0.00
	4.2	Clean Water Act Section 404 Standard Individual					\$0.00	\$0.00
	4.3	California Fish and Game Code Section 1602					\$0.00	\$0.00
	4.4	CVWD Encroachment Permit					\$0.00	\$0.00
<b>5</b>	<b>Draft Final Design Services – 65% PS&amp;E Submittal</b>							
	5.1	Title Sheet					\$0.00	\$0.00
	5.2	Typical Cross Sections					\$0.00	\$0.00
	5.3	Plan and Profile Sheets					\$0.00	\$0.00
	5.4	Construction Details					\$0.00	\$0.00
	5.5	Grading Plans					\$0.00	\$0.00
	5.6	Drainage Report and Plans					\$0.00	\$0.00
	5.7	Water Plans					\$0.00	\$0.00
	5.8	Utility Plans					\$0.00	\$0.00
	5.9	Summary of Quantities					\$0.00	\$0.00
	5.10	Stage Construction Plans					\$0.00	\$0.00
	5.11	Signing and Pavement Delineation Plans					\$0.00	\$0.00
	5.12	Traffic Signal and Street Lighting Plans					\$0.00	\$0.00
	5.13	Bridge Demolition Plans					\$0.00	\$0.00
	5.14	Bridge Plans					\$0.00	\$0.00
	5.15	Bridge Independent Check					\$0.00	\$0.00

## EXHIBIT "B"

5.16	Cost Estimates					0	\$0.00	\$0.00
5.17	Specifications					0	\$0.00	\$0.00
6	<b>Draft Final Design Services – 95% PS&amp;E Submittal</b>							
6.1	Title Sheet					0	\$0.00	\$0.00
6.2	Typical Cross Sections					0	\$0.00	\$0.00
6.3	Plan and Profile Sheets					0	\$0.00	\$0.00
6.4	Construction Details					0	\$0.00	\$0.00
6.5	Grading Plans					0	\$0.00	\$0.00
6.6	Drainage Plans					0	\$0.00	\$0.00
6.7	Water Plans					0	\$0.00	\$0.00
6.8	Utility Plans					0	\$0.00	\$0.00
6.9	Summary of Quantities					0	\$0.00	\$0.00
6.10	Stage Construction Plans					0	\$0.00	\$0.00
6.11	Signing and Pavement Delineation Plans					0	\$0.00	\$0.00
6.12	Traffic Signal and Street Lighting Plans					0	\$0.00	\$0.00
6.13	Bridge Demolition Plans					0	\$0.00	\$0.00
6.14	Bridge Plans					0	\$0.00	\$0.00
6.15	Cost Estimates					0	\$0.00	\$0.00
6.16	Specifications					0	\$0.00	\$0.00
7	<b>Final Design Services – 100% PS&amp;E Submittal</b>							
7.1	Title Sheet					0	\$0.00	\$0.00
7.2	Typical Cross Sections					0	\$0.00	\$0.00
7.3	Plan and Profile Sheets					0	\$0.00	\$0.00
7.4	Construction Details					0	\$0.00	\$0.00
7.5	Grading Plans					0	\$0.00	\$0.00
7.6	Drainage Plans					0	\$0.00	\$0.00
7.7	Water Plans					0	\$0.00	\$0.00
7.8	Utility Plans					0	\$0.00	\$0.00
7.9	Summary of Quantities					0	\$0.00	\$0.00
7.10	Stage Construction Plans					0	\$0.00	\$0.00
7.11	Signing and Pavement Delineation Plans					0	\$0.00	\$0.00
7.12	Traffic Signal and Street Lighting Plans					0	\$0.00	\$0.00
7.13	Bridge Demolition Plans					0	\$0.00	\$0.00
7.14	Bridge Plans					0	\$0.00	\$0.00
7.15	Cost Estimates					0	\$0.00	\$0.00
7.16	Specifications					0	\$0.00	\$0.00
8	<b>Resident Engineer File and Supplemental Materials</b>							
8.1	Resident Engineer's Pending File					0	\$0.00	\$0.00
8.2	Supplemental PS&E Materials					0	\$0.00	\$0.00
9	<b>Contract Bid Documents (Ready-To-List)</b>							
9.1	Assemble Bid Package					0	\$0.00	\$0.00
<b>TOTAL HOURS</b>		<b>192</b>	<b>340</b>	<b>120</b>	<b>80</b>	<b>732</b>	<b>\$91,146.95</b>	<b>\$94,730.39</b>
<b>Total Escalations</b>							<b>\$3,583.44</b>	
<b>Grand Total</b>							<b>\$94,730.39</b>	