



3. Term of Agreement:

This Agreement shall commence on July 1, 2021 and continue until June 30, 2022 unless said work is completed on a date prior thereto or unless terminated earlier as provided herein or otherwise extended in writing by mutual agreement of the Parties. The MHCS D General Manager is hereby authorized to negotiate such extension.

4. Compensation:

The compensation shall not exceed the amount of \$700,000 for services performed pursuant to this Agreement. Payments shall be made within 30 days of receipt of invoice from CONSULTANT.

5. Standard of Performance:

CONSULTANT shall perform all Work in a first-class manner in conformance with the standards of quality normally observed by a person practicing in CONSULTANT's profession.

6. Inspection:

All Work performed and materials (if any) provided by CONSULTANT shall be subject to inspection and approval by MHCS D.

7. Invoicing:

Consultant shall submit invoices not more often than once a month during the term of this Agreement based on the cost for services performed and reimbursable costs incurred prior to the invoice date via e-mail to **mhcldbilling@sjgov.org**. Invoices delivered to any other e-mail address will be deemed undelivered and not paid. All invoices must reference this Contract ID Number, the service performed and the Federal Tax Payer Identification Number. Each invoice shall also identify (1) total contract amount (\$), (2) expenses to date (\$), (3) remaining funds per contract (\$), and (4) total amount due per invoice (\$). Additionally, all invoices must also reference the task being billed and include the total budgeted for the task, billings to date, amount of current billing and the balance remaining. Payments will be made against invoices as submitted.

8. Consultant's Status:

In the performance of work, duties and obligations imposed by this Agreement, the CONSULTANT is at all times acting as an Independent Contractor practicing his or her profession and not as an employee of the MHCS D. CONSULTANT shall perform the CONSULTANT's work in accordance with currently approved methods and standards of practice in the CONSULTANT's professional specialty. A copy of CONSULTANT's current business license shall be provided to MHCS D. The CONSULTANT shall not have any claim under this Agreement or otherwise against MHCS D for vacation, sick leave, retirement benefits, social security or worker's compensation benefits. The CONSULTANT shall be responsible for federal and state payroll taxes such as social security and unemployment. San Joaquin County will issue a form 1099 on behalf of MHCS D at year-end for fees earned.

9. Assignments:

Inasmuch as this Agreement is intended to secure the specialized services of the CONSULTANT, CONSULTANT may not assign, transfer, delegate or subcontract their obligation herein without the prior written consent of MHCSD. Any such assignment, transfer, delegation or subcontract without the prior written consent shall be considered null and void.

10. Non-Exclusive Rights:

This Agreement does not grant to CONSULTANT any exclusive privileges or rights to provide services to MHCSD. CONSULTANT may contract with other agencies, private companies or individuals for similar services.

11. Compliance:

CONSULTANT shall comply with all Federal, State and local laws, regulations and requirements necessary for the provision of contracted services. Furthermore, CONSULTANT shall comply with all laws applicable to wages and hours of employment, occupational safety, and to fire safety, health and sanitation.

Pursuant to Section 1771 of the California Labor Code, CONSULTANT and all subcontractors may be required to pay the general prevailing rates of per diem wages, overtime and holiday wages, as determined by the Director of the Department of Industrial Relations, for projects that constitute "public works" projects. The Director's determination of prevailing wage rates is available on-line at [www.dir.ca.gov/dlsr/DPreWageDetermination.htm](http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm), and is referred to and made a part hereof as though fully set forth herein. California Labor Code Sections 1725.5 and 1771.1 requiring all general contractors and subcontractors to be registered with DIR. Registration can be accomplished through the DIR website by using this link: <http://www.dir.ca.gov/Public-Works/PublicWorks.html>. Contractor shall pay prevailing wages for any Services performed that are subject to such requirements.

CONSULTANT represents and warrants that CONSULTANT possesses all licenses, permits, and qualifications legally required for the performance of the Work. CONSULTANT shall, at CONSULTANT's sole cost and expense, maintain all such licenses, permits and qualifications in full force and effect throughout the term of this Agreement.

12. Indemnification, Hold Harmless and Defense:

To the fullest extent permitted by law, CONSULTANT shall indemnify, hold harmless and defend MHCSD, its directors, officers, employees, agents and authorized volunteers, and each of them, from and against any and all claims, demands, causes of action, damages, penalties, judgments, awards, decrees, costs, expenses, attorneys' fees, losses or liabilities, in law or in equity, of every kind or nature, including but not limited to personal injury, bodily injury, wrongful death, and property damage including any damage to MHCSD's property, arising out of CONSULTANT's alleged negligence, or wrongful acts related to or in connection with CONSULTANT'S performance of duties under the terms and conditions of this Agreement.

To the fullest extent permitted by law, MHCSD shall indemnify, hold harmless and defend the CONSULTANT, its directors, officers, employees, agents and each of them (collectively referred to as "CONSULTANT Indemnified Parties") from and against any and all claims,

demands, causes of action, damages, penalties, judgments, awards, decrees, costs, expenses, attorneys' fees, losses or liabilities, in law or in equity, of every kind or nature, including but not limited to personal injury, bodily injury, wrongful death, and property damage including any damage to the CONSULTANT's property, arising out of MHCSD's alleged negligence, or wrongful acts related to or in connection with MHCSD's performance of duties under the terms and conditions of this Agreement.

13. Insurance:

Before beginning any work under this Agreement, Consultant, at its own cost and expense, unless otherwise specified below, shall procure the types and amounts of insurance described in Exhibit B, incorporated herein, against claims for injuries to persons or damages to property that may arise from or in connection with the performance of the work hereunder by the Consultant and its agents, representatives, employees, and subcontractors. Consistent with the following provisions, Consultant shall provide proof satisfactory to MHCSD of such insurance that meets the requirements of Exhibit B and under forms of insurance satisfactory in all respects, and that such insurance is in effect prior to beginning work to MHCSD. Consultant shall maintain the insurance policies required by Exhibit B throughout the term of this Agreement. The cost of such insurance shall be included in the Consultant's proposal. Consultant shall not allow any subcontractor to commence work on any subcontract until Consultant has obtained all insurance required by Exhibit B for the subcontractor(s) and provided evidence that such insurance is in effect to MHCSD. Verification of the required insurance shall be submitted and made part of this Agreement prior to execution.

14. Discrimination:

CONSULTANT shall not discriminate in the provision of service or in the employment of persons engaged in the performance of this Agreement on account of race, color, national origin, ancestry, religion, gender, marital status, sexual orientation, age, physical or mental disability in violation of any applicable local, state or federal laws or regulations.

15. Notices:

Any notice required to be given pursuant to the terms and provisions hereof shall be in writing and shall be effected by personal delivery or by first class mail, registered or certified, postage prepaid, return receipt requested. Unless otherwise designated by either party in writing, such notices shall be mailed as shown on the first page of this Agreement.

16. Termination:

If the CONSULTANT breaches or habitually neglects the CONSULTANT's duties under this Agreement without curing such breach or neglect upon fifteen (15) working days written notice, the MHCSD may, by written notice, immediately terminate this Agreement without prejudice to any other remedy to which MHCSD may be entitled, either at law, in equity, or under this Agreement. In addition, either party may terminate this Agreement upon sixty (60) days written notice to other party.

17. Conflict of Interest Statement:

CONSULTANT covenants that CONSULTANT, its officers or employees or their immediate family, presently has no interest, including, but not limited to, other projects or independent contracts, and shall not acquire any such interest, direct or indirect, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. CONSULTANT further covenants that in the performance of this Agreement no person having any such interest shall be employed or retained by CONSULTANT under this Agreement. CONSULTANT shall not hire MHCS D's employees to perform any portion of the work or services provided for herein including secretarial, clerical and similar incidental services except upon the written approval of MHCS D. Performance of services under this Agreement by associates or employees of CONSULTANT shall not relieve CONSULTANT from any responsibility under this Agreement.

18. Drug Free Workplace:

CONSULTANT shall comply with the provisions of Government Code Section 8350 et seq., otherwise known as the Drug-Free Workplace Act.

19. Force Majeure

It is agreed that neither party shall be responsible for delays in delivery or acceptance of delivery or failure to perform when such delay or failure is attributable to Acts of God, war, strikes, riots, lockouts, accidents, rules or regulations of any governmental agencies or other matters or conditions beyond the control of either the seller/contractor or the purchaser.

20. Form Law:

The Laws of the State of California shall govern this Agreement. Venue is San Joaquin County. The provision of this paragraph shall survive expiration or other termination of this Agreement regardless of the cause of such termination.

21. Documents:

All drawings, specifications, documents and other memoranda or writings relating to the work and services hereunder, shall remain or become the property of the MHCS D whether executed by or for the CONSULTANT for MHCS D, or otherwise by or for the CONSULTANT, or by or for a subcontractor operating under the CONSULTANT'S supervision, or direction, and all such documents and copies thereof shall be returned or transmitted to MHCS D forthwith upon termination or completion of the work under this Agreement.

22. Attorneys' Fees:

If a party to this Agreement brings any action, including an action for declaratory relief, to enforce or interpret the provisions of this Agreement, the prevailing party shall be entitled to reasonable attorneys' fees in addition to any other relief to which such party may be entitled.

23. Waiver:

No waiver of any breach of any covenant or provision of this Agreement shall be deemed a waiver of any other covenant or provision hereof, and no waiver shall be valid unless in writing and executed by the waiving party. An extension of time for performance of any obligation or act shall not be deemed an extension of the time for performance of any other obligation or act, and no extension shall be valid unless in writing and executed by the waiving party.

24. No Third Party Beneficiaries:

Nothing contained in this Agreement is intended to or shall be deemed to confer upon any person, other than the parties, any rights or remedies hereunder.

25. Headings:

The headings of the sections and exhibits of this Agreement are inserted for convenience only. They do not constitute part of this Agreement and are not to be used in its construction.

26. Non-Liability of Officials, Employees and Agents:

No officer, official, employee or agent of District shall be personally liable to CONSULTANT in the event of any default or breach by District or for any amount which may become due to CONSULTANT pursuant to this Agreement.

27. Entire Agreement and Modification:

This Agreement supersedes all previous Agreements either oral or in writing and constitutes the entire understanding of the parties hereto. No changes, amendments or alterations shall be effective unless in writing and signed by both parties.

**\*Signatures to follow on the next page\***

IN WITNESS WHEREOF, MHCS D and CONSULTANT have executed this Agreement on the day and year first written above.

SNG & Associates, Inc.

Mountain House Community Services District,  
a political subdivision of the State of California

By:   
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\_\_\_\_\_  
Consultant  
Nanda Gottiparthu

By:   
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\_\_\_\_\_  
Steven J. Pinkerton  
General Manager

Date: 6/10/2021  
\_\_\_\_\_

Approved as to Form:

By:   
4D33BDE7E6D8453...  
\_\_\_\_\_  
John Bakker  
General Counsel

Exhibit A: Statement of Qualifications and Billing Rates  
Exhibit B: Insurance Requirements

EXHIBIT A  
STATEMENT OF QUALIFICATIONS AND  
BILLING RATES

[Insert]

The MHCS D General Manager is authorized to negotiate annual increases to the billing rates in an amount not to exceed three percent (3%) of the billing rates stated herein.



# **Mountain House Community Services District**



**Statement of Qualifications**  
for  
**Professional Consulting Services**  
for  
***Construction Management & Inspection***

**May 13, 2021**



Qualifications for Construction Management & Inspection Services  
Mountain House Community Services District– Public Works Department



May 13, 2021

Mr. Anush Nejad, P.E.  
Community Development Director  
Mountain House Community Services District  
Department of Public Works  
251 E. Main Street  
Mountain House, CA 95391

**SUBJECT: STATEMENT OF QUALIFICATIONS FOR CONSTRUCTION MANAGEMENT & INSPECTION SERVICES**

Dear Anush:

SNG & Associates, Inc. (SNG) is excited to present this Statement of Qualifications (SOQ) for your consideration to provide Professional Services for Construction Management & Inspection Services to Mountain House Community Services District (District). We are highly motivated and committed to continue providing proactive inspection services to the District.

SNG is uniquely qualified and well suited to provide the requested services for the following reasons:

- SNG has been providing on-call engineering services and more importantly, the types of services requested in the RFQ for over 20 years to agencies in the Bay Area and Central Valley.
- SNG staff and team members have been working with MHCSO for many years, and we have historical knowledge and understanding of District's goals. We are successfully inspecting numerous projects currently.
- SNG has a small number of clients, and hence can provide high level of attention and responsiveness. We consider the District a preferred client and manage our resources accordingly.
- SNG commits Project Director's close involvement providing oversight of work by the Project Managers and sub-consultants for entire duration of the contract.
- SNG has a unique advantage over our competitors. We have intimate knowledge of District's plans and goals and have prepared your **Construction Inspection Procedures Manual** dated February 2020.
- SNG has worked with all sub-consultants on the team at other agencies and has excellent professional relationships with the principals of the firms.
- SNG continues to successfully and proactively provide inspection for many current projects.

The *Construction Management & Inspection Service* contract will be managed by Mr. Richard Steiner, PE. Mr. Steiner has 30 years of civil engineering and construction related experience Rick will be the main point of contact for this contract and will actively support the inspection services and ensure full support for the inspectors assigned.



Qualifications for Construction Management & Inspection Services  
Mountain House Community Services District– Public Works Department

Senior Inspectors Mr. Steve Wood and Mr. Curtis Brian will provide the inspections. They are experienced public works inspectors with more than 30 years inspections experience on public infrastructure projects and private developments.

If selected, SNG will execute the District's standard professional services contract with associated insurance requirements.

Should you have any questions or need additional information, please do not hesitate to contact me at my mobile 510-610-5922 or e-mail at [nanda.gottiparthys@sngassociates.com](mailto:nanda.gottiparthys@sngassociates.com)

Sincerely,  
SNG & ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Nanda K. Gottiparthys", written over a horizontal line.

Nanda K. Gottiparthys, P.E.  
President



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## Qualifications



## B. QUALIFICATIONS

This section describes SNG & Associates, Inc., and Subconsultant qualifications and experience.

### SNG & ASSOCIATES, INC.

SNG & Associates, Inc. (SNG), a California corporation, was established in 1999, and has been assisting local agencies in municipal engineering with a primary focus in land development, capital improvement project design, construction management and inspection. SNG has been providing services that cover all aspects of engineering review, design, project management and administration, construction inspections, and construction management for local agencies. Our services have been well received and recognized by citizens, City Councils and management.

SNG's clients have included the following public agencies:

#### Current City Contracts

City of Dublin  
 City of Tracy  
 City of Newark  
 City of Union City  
 City of Atwater  
 Mountain House CSD  
 City of Livermore  
 City of San Rafael  
 City of Fremont

#### Previous City Contracts

City of San Leandro  
 City of Livingston  
 City of Patterson  
 City of Brentwood  
 City of Lathrop  
 City of Vallejo  
 City of Hayward  
 City of Oakdale  
 City of Lodi

SNG prides itself in providing comprehensive engineering services from project inception to final inspections and acceptance. Services provided include the following areas:

- Public Infrastructure Improvements Design and Review
- Street Rehabilitation Projects Design
- Water, Wastewater and Storm Drainage Design
- Federal and State Grant projects management
- Caltrans Local Assistance Coordination
- Storm Water Quality and maintenance projects
- Traffic Improvements Design and Review
- Public Works Inspections and Construction Management
- Project Close-out
- Specific Plans, Master Plans, Capacity Studies
- Planning applications/Building Permit review
- Staff Reports to City Council



## SIERRA GEOTECH

Established in 2016, Sierra Geotech specializes in geotechnical engineering, environmental engineering (hazardous waste), and construction observations and materials testing services for infrastructure and public works projects. Sierra Geotech is Sacramento's first micro small business, a Disadvantaged Business Enterprise (DBE) specializing in geotechnical engineering services. Their geotechnical Principals are licensed Civil and Geotechnical Engineers in the State of California and have completed over 100 successful public infrastructure projects ranging from bridge replacements to roadway widenings and pavement rehabilitation projects.

The soil and aggregate testing lab in Rocklin, California is accredited by Caltrans, AASHTO Materials Reference Laboratory (AMRL), and the US Army Corps of Engineers. Sierra Geotech has Caltrans, National Institute for Certification in Engineering Technologies (NICET), American Concrete Institute (ACI) certified soils, materials and concrete testing technicians that are also 40-Hour HAZWOPER certified and Union Pacific Railroad (UPRR) Safety trained.

## ADVANCED MOBILITY GROUP (AMG)

Advanced Mobility Group (AMG) is a California Corporation and certified Small Business Enterprise (SBE), established in 2018 to provide comprehensive traffic engineering services and specialized in innovative transportation services to our clients.

AMG is staffed by a 30-member team with offices located in Walnut Creek, Oakland, and San Francisco. Our team of transportation professionals offer a wide range of services that address clients' needs from planning to operations and maintenance – including permitting assistance, programming, public engagement, conceptual and final design, plan-checks, schedule analysis, technical services, procurement services, project delivery, construction support, dispute/claims resolution, systems integration, revenue generation, and ongoing infrastructure management.

The specific services provided by AMG for this RFQ focusses inspection services for traffic signal plans, signing and striping plans, lighting plans, joint trench and traffic control plans, traffic geometrics, traffic engineering, transportation planning, signal timing, Intelligent Transportation Systems, communication system design, traffic study, and other related services, including:

- Plans, specifications, and estimates (PS&E)
- Plan Checking Services
- Safety Analysis and Complete Streets Design
- Parking Studies, Design, Operations
- Intelligent Transportation Systems
- Traffic Management Centers



- Traffic Operations: Analysis, Simulation
- Signal Design and Timing
- Transportation Demand Management
- Pedestrian and Bicycle Safety Analysis
- Street Lighting plans,
- Adaptive Traffic Control Systems
- Automated Signal Performance Measures
- Grant Funding, Programming, Budgeting
- Review traffic handling plans
- Joint Trench Plans

### WEST COAST CODE CONSULTANTS-(WC<sup>3</sup>)

West Coast Code Consultants, Inc., (WC<sup>3</sup>) has specialized in comprehensive and accurate plan review, code inspections and staff augmentation services since 2006. Our firm seamlessly integrates solution minded, highly experienced professionals into the public agencies we serve and delivers cost-effective, high quality municipal services. Our professionals have held senior positions with numerous California cities, translating into a background of extensive experience and understanding of the complexities we know our jurisdictional clients face. WC<sup>3</sup> delivers outstanding service, while taking into account potential project budget constraints and a growing need for transparency and accountability in a municipal environment. Our experience and capabilities span a full range of services with the following expertise and distinguishing features:

- Responsive and highly qualified licensed staff with proven experience in facets of plan review, field inspections and staff augmentation, including building safety, fire prevention, civil and public works, as well as energy and power plant projects.
- WC<sup>3</sup> is passionate for public projects and cares deeply about making a difference in communities with a strong base for building, safety, fire prevention and more. Our teams are active in their communities as well as local ICC Chapters, and have received numerous awards in the building and fire safety industries.
- WC<sup>3</sup> is an ICC Preferred Provider and AIA Education Provider with several seasoned instructors who provide quality on-demand and classroom style training to clients, local building and fire departments, contractors, design professionals, and other organizations.
- WC<sup>3</sup> provides a tailored approach to clients with cost-effective strategies and practical solutions for each specific project or task order.

WC<sup>3</sup> has a strong familiarity with drawing review/coordination software such as Bluebeam and also offers user-friendly, municipal software technology to handle department tasks anywhere from online



permitting and plan review to fee acceptance, inspection scheduling and more.

**DAVID J. ELLIOTT & ASSOCIATES -(Elliott)**

David J. Elliott & Associates, Inc. (Elliott) is a professional service organization dedicated primarily to its client's needs while striving for design and management excellence in planning, architecture, and interior design. Founded in 1979, Elliott & Associates expanded to produce a wide variety of work including planning, architectural, and interior design services for government, industrial, commercial, multi-family as well as single family residential projects.

**Partial List of Clients and Projects**

Monterey County Capital Facilities Master Plan	Monterey County Department of Social Services
Monterey County District Attorney's Office	Monterey County Planning & Building Department
United States Army, Fort Ord	Naval Postgraduate School
Stanford Shopping Center	Valley Fair Mall
Holy Eucharist Catholic Church	Oak Park Community Church
Prunedale Shopping Center	Salinas Union High School District
Monterey County Libraries	Porter-Vallejo Community Center
San Joaquin Professional Center	The Quadrangle Office Building
Heald Business College	Regional Occupation Program

**CONSTRUCTION, TESTING AND ENGINEERING, INC.**

Construction Testing and Engineering, Inc. opened its doors in 1989, in Southern California, with two engineers and an engineering geologist. Over a decade, the firm grew to become a large, regional, multi-disciplined engineering company employing more than 200 professionals. From offices located up and down California, the firm provided civil engineering and survey services; geotechnical and environmental engineering services; and construction inspection, construction management, and materials testing services to the development and construction communities.

In 2009, the firm incorporated to become **CTE Cal, Inc. (CTE Cal)** to satisfy client wishes for a more locally located ownership in Northern California. Since 2009, CTE Cal, at its three Northern California offices, has grown to more than 50 engineers, geologists, and construction inspectors providing our expert services. Along the way, CTE Cal has developed strong ties within our communities, participated in



philanthropically related endeavors, and provided charitable donations of time and money to those in need.

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**BRIGHTVIEW**

BrightView has been providing landscape consultant and inspector services for Mountain House Community Service District successfully since October 2016. These services include assuring contractors perform new landscape installations per plan and to specifications.

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## Project Approach, Experience and Areas of Expertise



## Project Approach and Project Management

SNG and our team members recognize that the construction phase of any project is where “the rubber meets the road”. All the years of careful planning and hundreds of thousands of dollars in design by the District and developer, construction can mark a period of satisfaction for good planning and engineering or not. The SNG team is different from competing teams for these reasons:

- Because of our institutional knowledge and understanding of District people, process and projects, we come pre-packaged with important background details that others will not. Our involvement in 24 plan checking projects supports that confidence; and
- SNG has “written the book” on the services requested. The *Construction Inspection Procedures Manual*, dated February 2020, is the culmination of many months of close collaboration with the District. The purpose of this manual is to establish guidelines for acceptable inspection, documentation and testing of public improvements.

The District, in the RFQ, has outlined services that are described in the Manual. Mr. Gottiparthi’s involvement in past discussions with District’s management in preparing the procedural manuals and his experience with public agencies in achieving higher standards of implementing and executing successful inspection assignments. He commits full involvement for the duration of this contract.

At the beginning of every project, Mr. Gottiparthi and Mr. Steiner will meet with District personnel in charge of the projects, and identify staffing, overall procedures and processes for communications and specific outcomes with District staff and the developer. Our approach to this contract will focus on the “big picture” issues first, so that all critical coordination and approvals from outside agencies and other items needing long lead times (lift station pumps or other unique items required by the design) and then focus on details to anticipate and implement safe and economic solutions for the benefit of the District. Depending on the project challenges, our team members may attend these early work sessions as well.

## Pre-Construction Phase

The Pre-Construction Phase of a new project will include collaborating with the District to develop a checklist of all project compliance items. Once agreed on and formally approved, this checklist will serve as the basis of ensuring that this project is built in accordance with the approved plans and specifications. Other important elements of this checklist include, but not limited to:

- **Project Documents**
  - Subdivision Agreement
  - Geotechnical Report
  - Traffic Control Plans



- Quality Assurance Quality Control Plans
- **Stakeholder Contact Information**
  - MHCS D’s Project Manager
  - Engineer of Record
  - Utility Representatives
- **Project Status Items**
  - Utility Agreements
  - Permits and Approvals
  - Caltrans Permits and Approval, if applicable
  - Stormwater Quality Control Plan (SWQCP) approvals
  - Right of Entry Agreement(s)
- **Construction Submittals**
  - Geotechnical Sieve Analysis of Proposed Fill
  - Concrete Mix Design
  - Manufacturer “Cut Sheets”
- **Pre-Construction Meetings**
  - Creating Agenda and Meeting Notes
  - Communication Protocol
  - OSHA and other applicable Health and Safety Process and Procedures and responsibility
- **Project Filing System**
  - Establish and Circulate Filing System and Responsibilities of Each Stakeholder
  - Information to be Filed

Because of the depth and experience of our team, we can quickly broaden our services to include items such as constructability reviews, value engineering, permitting assistance, phasing and scheduling or any other gap item that may be encountered.

## Construction Phase

The Construction Phase will include details and procedures of conducting inspections and materials testing, assisting the District during the RFI and potential Change Order process, writing and circulating daily field inspection reports, punch-list and project closeout. We anticipate the developer and/or contractor will assign a Project Manager to work directly with us. Our inspector and Project Manager will be guided by the *Construction Inspection Procedures Manual*. The checklist developed above will be expanded to include, but not limited to:

- **Monitoring Various Construction Related Plans**
  - Traffic Control Plan
  - OSHA Health and Safety



- Daily Tool-Box Safety Meetings
- Waste Disposal Manifest
- **Field Inspections and Reports**
  - Contractor’s Personnel and equipment
  - Weather
  - Various Construction Operations
  - Discussion, Directions and Agreements
  - Field Notebooks
  - Daily/Weekly Contractor Meetings
- **Pay Requisitions**
  - Establish Procedures for Routing Pay Requisitions
  - Receive and Record Monthly Release of Liens with Approved Pay Requisitions
  - Assist MHCS D in Developing Schedule of Values
  - Maintain and Monitor Budgets and Schedules
- **Materials Testing**
  - Develop Quality Control Sampling & Testing Plan
  - Subgrade Compaction and Approval
  - Fill Density Testing
  - Marshall Testing of Asphalt Pavement
  - Concrete Cylinder Collection and Breaks
- **Change Order Procedures** – the SNG inspector and Project Manager are responsible for implementing a fair and effective change order and claims process. Generally, SNG believes that most Change Orders are a result of an error somewhere in the Pre-Construction Phase. Accordingly, to the extent possible, we account for these conditions during that time. That said, our team is well versed in establishing fair and equitable Change Order systems when warranted. We do not simply pass the buck but strongly advocate for our client, the District.
- **Punch List and Closeout**
  - Substantial Completion – based on agreement between the District and developer, Substantial Completion is achieved when all pay items of the Schedule of Values have been completed and approved by the inspector and other relevant stakeholders.
  - Punch List – the inspector will work with the developer to develop a punch list of remaining items before requesting a final inspection
  - As-Built Drawings - the inspector will work with the developer to prepare an as-built record set of drawings and will coordinate with the engineer of record.
- **Contractors Final Completion and Payment**
  - Issue Certificate of Final Approval
  - Securing Final Release of Liens and Retainage Letters
  - If necessary, securing Final Release of Liens from second or third tier subcontractors

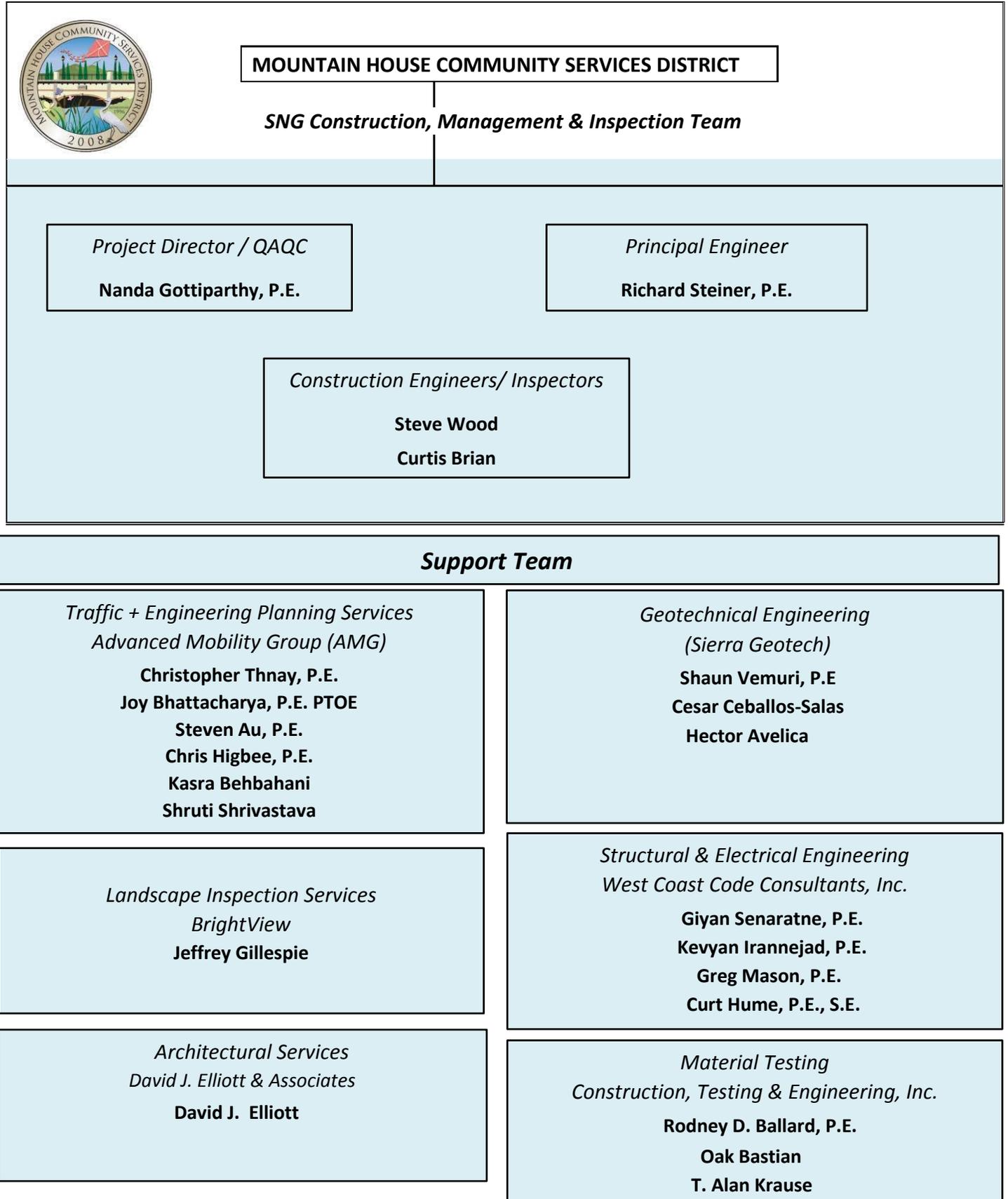


- **Final Construction Records**
  - Final Change Order Record
  - Release of Payment and Performance Bonds
  - Consent of Surety to Final Payments
  - Compilation and Final Submission of all Other Applicable Records
- **Final Acceptance of Public Improvements**
  - Our SNG Project Manager will coordinate with the engineer of records, the District and any other stakeholder

## Other Potential Services

As mentioned previously, the exciting thing about construction projects are the unanticipated conditions or events. Our team of seasoned professionals bring the full capabilities of our collective experience and commitment to problem solving. Our team can provide additional value to the District or contractor as needed. Other potential services may include: Subcontractor Buy-Out Support and Alternative Delivery Method Support (e.g.: design-build, Fast-Track strategies)

## Organization Chart





## Quality Control/Assurance and Schedule Adherence procedures

SNG and project team members understand the importance of quality control and maintaining project schedules. Our services to many local agencies have been well received because of our understanding of the processes and procedures, our commitment to quality and proactive approach to keeping the District staff and public (if applicable) informed. Each of our team members have *Quality Control/Assurance and Schedule Adherence* plans of their own and SNG is familiar with them. There are many common elements between all our plans as all effective and successful plans should.

*Quality Control/Assurance and Schedule Adherence* (the Plan) is SNG's role and responsibility as the prime contract holder. The Plan is primarily an internal tool and will be maintained by the Project Manager and formally reviewed on a regular basis by the Project Director.

Elements of the Plan include:

- ◆ **Weekly Client Updates** – Regular written updates will be provided to the District. These updates will be brief and succinct and summarize things like potential change orders, weekly milestones and look-ahead items.
- ◆ **Staffing** – Assign and maintain adequate resources to this project; fluctuations of staffing as the project progresses will be addressed and implemented.
- ◆ **Internal Meetings** – The project team will meet regularly with appropriate and necessary staff. Agendas will be prepared in advance and meeting minutes will be recorded. The Project Director will attend each of these meetings.
- ◆ **Look-Ahead Planning** – The Project Manager from each team member will prepare look-ahead bulletins for a specific period, such as two- or four-weeks. The period will vary largely based on critical construction milestones and other relevant factors such as contractor “make-up schedule” periods.

## Accounting and Billing Procedures

SNG will submit monthly invoices with a detailed breakdown of tasks, hours by classification, dates of services and any other details required by the District. Each of our team members will submit their invoices to SNG and be included together with our own. The same level of detail that is required by the District will be included in their invoices.

All billing and accounting will be maintained by the SNG Project Director and supported by the Project Manager. Invoices can be submitted in any manner and format that is required. Payments can be submitted directly to SNG and we will distribute promptly to our team members.



<p><b>Project Experience</b></p>	<p>SNG has teamed up with exceptionally talented and experienced subconsultants that will provide highly responsive and efficient construction management and inspection services. We selected sub-consultants that have worked with MHCS D and have a demonstrated track-record. SNG also worked with all team members providing services in similar roles. Our team will be responsive to the specific needs of the District and is prepared to hit the ground running.</p> <p>Following sections describe the extensive experience SNG and the sub-consultants bring to the District:</p>
<p><b>SNG &amp; Associates, Inc.</b></p>	<p>SNG has extensive experience offering on-call engineering and staff support services to public agencies. The range of services we provide to our client cities include all tasks involved in CIP projects from project planning and design to construction, and in private development review from entitlement phase to final acceptance and bond release.</p> <p>In addition to providing design and plan review services, we have been assisting agencies’ staff in managing technical studies, EIRs, CIP budgets, State and Federal grant applications, preparation of Engineering Conditions of Approval, City Council staff reports and resolutions, negotiating Development Agreements, Right-of-way acquisitions/abandonments, finance plans, subdivision agreements, engineering inspections and staff augmentation.</p> <p>Following is a partial list of on-call Engineering Services to local agencies:</p>



	<p><b>MOUNTAIN HOUSE COMMUNITY SERVICES DIST (2017 to Present)</b></p> <p>SNG staff assisted District staff in many projects and have intimate knowledge of both plan check as well as services related to managing and inspecting construction projects.</p> <p>We are currently inspecting these projects:</p> <ul style="list-style-type: none"> <li>❖ Bergamo Residential</li> <li>❖ Byron &amp; Mountain House Traffic Improvements</li> <li>❖ Grant Line Road Phase 2 Traffic Signal</li> <li>❖ NH D2/D4 View Fence</li> <li>❖ Langston II Residential</li> </ul>
   	<p><b>CITY OF TRACY - Engineering Staff Support Services (2000 - 2010); (2014 to Present)</b></p> <p>SNG has been providing plan review and project management services for numerous land development projects including identifying the scope of technical studies, reviewing the reports, identifying mitigations, preparing conditions of approval, agreements, review of maps and final project acceptance. For all projects, SNG staff has been responsible to coordinate with City departments, and City Attorney’s Office.</p> <p><b>Residential Developments:</b> Managed and coordinated work of City consultants and provided review services for several large residential projects such as West Tracy, East Lake, West Corral Hollow, Cheng Property, and Souza Citation project for which complex advance planning of infrastructure and financing, preparation of various technical studies and Impact and Burden Analyses were completed.</p> <p><b>SNG</b> is currently managing and providing all review and processing services for Tracy Hills project, a master planned community consisting of 5500 homes and 680 acres of commercial and industrial areas. SNG provided review and project management services for approval of Tracy Hills Specific Plan, EIR, Development Agreement, Vesting Tentative Maps and Final Maps for 1200 lots.</p> <p><b>Retail Commercial Developments:</b> Development of the Tracy Mall project, Shopping Centers, Tracy Auto Mall, Several offices, hospital buildings.</p> <p><b>Industrial Developments:</b> <b>SNG</b> is currently providing project management and review services for Cordes Ranch (International Park of Commerce) consisting of 1780 acres of industrial and commercial areas. SNG staff is responsible for technical analyses, Conditions of approval, agreements, improvement plan review for infrastructure improvements for water, wastewater and transportation.</p>



**Industrial Subdivisions:** Coordination and review of conceptual plans, master infrastructure plans, finance and implementation plans, and design of roadways, storm, water and sanitary sewer lines for Northeast Industrial Specific Plan area in Tracy. Other industrial projects included Tracy Logistics Center, Prologis Industrial subdivision, Chabot Commerce Center industrial subdivision, South Tracy Industrial Park, Kellogg Warehouse, and numerous other industrial and commercial developments.



**CITY OF DUBLIN - On-Call Engineering Services (2000 - Present):**

**SNG** has been providing development and CIP project review services to City of Dublin for almost 20 years. SNG provides support in reviewing all types of development applications and permits including preparation of conditions of approval for planning applications, review of permit applications from Building Department for engineering requirements, plan review of residential and commercial developments, preparation of agreements, staff reports to City Council and project close-out. Numerous projects requiring compliance with Stormwater regulations C.3 and C.10, Title 24 accessibility regulations and complex hydraulic design issues have been reviewed.

An example of a recent subdivision is Schaefer Ranch, a Residential project consisting of 480 homes that required extensive hillside grading, storm drainage detention and water quality basins, establishment of Geological Hazard Abatement District (GHAD).

SNG is currently providing project management and plan review services for AT-DUBLIN, a mixed-Use project (1200 residential units and commercial) and IKEA Center with multi-level parking lot and several retail and commercial businesses.

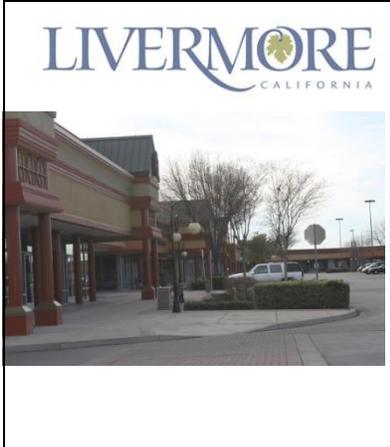
**Partial List of Parks, Facilities, and Infrastructure Projects**

- ❖ Schaefer Ranch Neighborhood Park
- ❖ Emerald Glen Aquatic Center
- ❖ Fallon Sports Park (Phase 2, Phase 3)
- ❖ All Abilities Imagine Playground at Dublin Sports Grounds
- ❖ Dublin Public Safety Complex (Phase 1 & 2)
- ❖ Dublin Trunk Sewer Rehabilitation Project (DSRSD CIP#16-S021)
- ❖ Encroachment Permit Support



 	<p><b>CITY OF NEWARK - On-call Engineering Services (2018 to Present)</b></p> <p>SNG provides full support for plan review and project management of land development projects for City of Newark.</p> <p><b><i>Sanctuary West Tract 8495</i></b></p> <p>One of the challenging and complex projects that SNG is assisting City staff is Sanctuary West project - the roughly 450-acre site will be subdivided into 469 residential lots, three park parcels, and four boardwalk overlooks. The Project includes extensive soil import, surcharge grading, new grade-separated railroad crossings, extensive coordination required with utility companies, railroad, neighboring City of Fremont, and wetlands areas. Six bridges are proposed as part of the street system, including a bridge extending Stevenson Boulevard over the existing Union Pacific Railroad in the northern portion of the site.</p> <p><b><i>Mowry Village</i></b></p> <p>SNG is also starting work on the Mowry Village Project – a 29-acre development within Area 4, Sub-area D of the Sanctuary West Specific Plan Area on the site of a former auto dismantler operation that will include 204 housing units, extensive grading, environmental remediations, and restored wetlands.</p> <p>Other projects that SNG has recently assisted the City include</p> <ul style="list-style-type: none"> <li>❖ Marina Place, Tract 8340</li> <li>❖ Magnolia Residences, Tract 8494</li> </ul>
	<p><b>CITY OF SAN RAFAEL – Land Development Engineering &amp; Staff Support Services (2020- Present)</b></p> <p>SNG is providing a wide range of civil engineering services in their land development department including Planning and Building to review new projects and prepare engineering conditions of approval, develop frontage improvement requirements, approve Grading, Drainage and C3 Stormwater plans as well as inspect engineering improvements prior to occupancy.</p> <p><b><i>Partial list of projects reviewed include:</i></b></p> <ul style="list-style-type: none"> <li>❖ Mission Street – Senior Healthcare Facility Master Plan – SNG provided DPW comments to Planning for frontage improvements, C3 and stormwater management, undergrounding of overhead lines, as well as construction management staging for these 4 phases, 6 building, 5-acre reconstruction and major remodel.</li> <li>❖ New Industrial Building – SNG provided DPW comments to planning for a Pre-Application to replace an existing building. Comments included frontage improvements, C3 and stormwater</li> </ul>



	<p>management, undergrounding, as well as a traffic evaluation to determine impact fees.</p> <ul style="list-style-type: none"> <li>❖ Single Family Residence and a Lot Line Adjustment- SNG provided DPW comments to planning for Planning Commission Review of a complicated new residence in a Hillside with debris flow. The Team recommended third party Geotechnical Peer Review, added hydrology reports and more detailed grading and drainage plan.</li> </ul>
	<p><b>CITY OF LIVERMORE - On-call Engineering Services (2014 Present)</b> SNG has been providing a wide range of civil engineering services including development plan review, capital project design review, ADA compliance review, final/parcel map review, hydrology and hydraulics review, hydromodification review and BAHM analysis, C.3 compliance, stormwater treatment management plan review and implementation, erosion control and stormwater pollution prevention plan review, and water and wastewater system review and analysis, condition of approval compliance review and entitlements.</p>
	<p><b>CITY OF LIVINGSTON- On-call Engineering/City Engineer (2003 -13)</b> <b>SNG</b> provided City Engineer and full staffing needed to provide all engineering functions for the City of Livingston for over 10 years. Range of services provided include development plan review, design and construction management for capital projects, processing encroachment permits, development applications, preparation of agreements, City Council reports and resolutions, property acquisition, and inspection of private development projects and public infrastructure projects.</p>
	<p>Listed below are additional on-call services contracts that SNG successfully complete:</p> <ul style="list-style-type: none"> <li><b>CITY OF PATTERSON– On-call Engineering Services (2007-2014)</b></li> <li><b>CITY OF SAN LEANDRO: Staff Support Services (2001-2003)</b></li> <li><b>CITY OF VALLEJO - On-call Engineering Services (2005 - 2008)</b></li> <li><b>CITY OF LODI: Staff Support Services (2001-2005, 2013 -2019)</b></li> <li><b>CITY OF BRENTWOOD - On-call Engineering Services (2011 -17)</b></li> </ul>



<p><b>SIERRA GEOTECH</b></p>	<p><b>Sierra Geotech</b> inspection experience includes, but is not limited to, the following areas:</p> <ul style="list-style-type: none"> <li>▪ General site preparation including clearing, grubbing, and mass grading.</li> <li>▪ New road construction, existing road widening and improvements including subgrade, structural section, and paving.</li> <li>▪ All aspects of bridge construction inspection as indicated in project plans specifications, including but not limited to CIDH piles, abutments, cast-place bridge construction, pre-stressing, and railings.</li> <li>▪ Preparing Daily inspection reports and diaries of Contractor's construction activities.</li> <li>▪ Preparing weekly geotechnical observation reports where necessary.</li> </ul>
<p><b>DAVID J. ELLIOTT &amp; ASSOCIATES – (Elliott)</b></p>	<p><b>David J. Elliott &amp; Associates, Inc.</b> led by <b>Mr. David Elliott</b>, a licensed Architect with over 40 years of experience in design and management of public and private facilities. Mr. Elliott will provide architectural reviews for public infrastructure and inspection of buildings and facilities to ensure compliance with planning and design documents.</p>
<p><b>WEST COAST CODE CONSULTANTS-(WC3)</b></p>	<p><b>Foster Farms   Light Industrial, Tenant Improvement   Livingston, CA   2018 – Ongoing</b> WC<sup>3</sup> performed the structural, architectural and MEP plan review and accompanying inspections for the tenant improvements, as well as expansion, of this 80,721 sq ft. chicken processing plant. The project also included administration offices and support equipment.</p> <p><b>Bright Homes, Sundance Village   Residential   Livingston, CA   2018 – Ongoing</b> Project included a 3-story, 57,655 sq. ft., library structure with an atrium. The building features multiple community rooms with a retail shop on the ground floor. WC<sup>3</sup> was responsible for building and smoke control plan review, as well as on-call inspection support throughout the project.</p> <p><b>Village 29   Multi-family Residential   El Cerrito, CA   2018 - Ongoing</b> Modern high tech living in the midst of the city. WC<sup>3</sup> continues to perform the building inspections for this new collection of 29 condos within a three-building multifamily compound. With indoor/outdoor</p>



	<p>living spaces, floor plans include three levels featuring open concept living areas, attached garages and up to five bedrooms.</p> <p><b>Sherwin Williams Mixed Use   Multi-family Residential, Commercial   Emeryville, CA   2018 - Ongoing</b>                  This project entailed 10 acres of project site, divided into five parcels, to accommodate 500 rental residential units, office space, retail/restaurant and gallery, meeting space in four new buildings, combining 86,000 square feet. WC<sup>3</sup> administered complete building plan review and building inspection services.</p> <p><b>Gateway at Millbrae Station   Mixed-Use, Transit Oriented   Millbrae, CA   2020 – Ongoing</b>                  The Gateway at Millbrae Station project includes 151,583 square feet of Class A Office Space, 44,123 square feet of retail and restaurants, 320 market rate apartments, 80 affordable housing units (55 units are veterans preferred), a 164-room hotel, a community event plaza, bike and pedestrian facilities, and Linear Park. Construction started in July 2020 and WC3 is providing building inspection services.</p>
<p><b>ADVANCED MOBILITY GROUP (AMG)</b></p>	<p><b>Mountain House CSD On-Call &amp; Plan-Checks Services</b>                  AMG staff have worked with Mountain House on various projects including plan-checks for plan-checks since its inception more than a decade ago including: Plan-Checks, Joint Trench, Signing-Striping, Lighting, Signal Design, Signal Triggering and Monitoring Study, Specific Plan I, II &amp; III Traffic Study, Town Center Improvement, High School Circulation, Signal Master Plan, Traffic Monitoring and inspection services for these projects.</p> <p><b>City of Patterson On-Call &amp; Transportation Master Plan</b>                  Prepared Traffic Circulation for Patterson’s General Plan Update and Transportation Infrastructure Master Plan (TIMP). Provided on-call traffic engineering services including: Signal design plan-checks and reviews and coordination; Traffic Element for General Plan Update; EIRs for Arambel Business Park project, Amazon Distribution Center, West Patterson Business Park, Pilot Flying J Travel Center; Assisted City in many successful grant applications; Conditions of approvals for development projects.</p> <p><b>City of Concord On-Call Transportation Engineering Services</b>                  AMG is currently providing on-call transportation engineering and staff augmentation services to the City of Concord. Activities include General Engineering &amp; Plan-Checks. Grant Application; Transportation Planning; Signal Timing/SCATS &amp; Traffic Operations;</p>



	<p>and acting as liaison between Western Pacific Signals and the City to resolve any issues with the signal timing system.</p> <p>The <b>City of Manteca</b> in partnership with Caltrans District 10 and San Joaquin Council of Governments (SJCOG) are working to improve safety and traffic flow at interchange located at State Route (SR) 120 and Union Road. The project will improve safety conditions by constructing new on and off ramps, widening Union Road to 4 lanes between Daniels Street and Lifestyle Street, and providing a Class I shared-use path and Class II bike lanes.</p> <p>Union Road is a key crossing of State Route 120 in the City’s bicycle master plan. The new Class I path will provide a 10-foot wide grade-separated trail that eliminates all bicycle/vehicle conflict points within the interchange to provide safe and efficient passage for bicycles, pedestrians, and other non-motorized travel.</p> <p>AMG provided on-site and remote support for the on-going construction of a diverging diamond interchange in the City of Manteca. AMG was responsible for reviewing and assessing contractor submittals, design changes throughout construction, construction area signage, and traffic flows throughout the project area. During the project, traffic impacts due to construction activity were addressed with crucial coordination between AMG and the City, Caltrans, contractor, and designer resulting in minimal disruption to the local population. Project construction was completed in early 2021.</p>
<p><b>BRIGHTVIEW</b></p>	<p><b>BrightView</b> is a full-service landscape design, maintenance and inspection firm with a national presence. Mountain House is a current client.</p>
<p><b>CONSTRUCTION, TESTING &amp; ENGINEERING, INC</b></p>	<p><b>Santa Clara Gateway Phase 1 &amp; 2</b></p> <p>Santa Clara Gateway, a 911,000-square-foot office campus that is being built on 41 acres. Phase I of the project, is made up of three five-story buildings totaling 429,000 square feet. Phase II is made up of three additional five-story buildings totaling 450,000 square feet. The buildings will all be constructed with 15’ ft Slab-to-slab height, in addition to a LEED Silver Design. CTE provided Quality Assurance Inspection and Testing services to the project including those associated with reinforced concrete, rebar, field welding, non-destructive examination of welds (NDE), fireproofing, and roofing inspection. CTE’s laboratory provided concrete</p>



	<p>compression testing, fireproofing densities testing, and all soils testing services.</p> <p><b>University of California Merced, Merced, CA</b>          Construction Testing and Engineering has been selected and is currently providing all on-call geotechnical and materials testing and special inspection services for University of California, Merced projects. Contract length is scheduled for the next 5 years. Currently, CTE provided the above services on the new Recreation Center project.</p> <p><b>City of Oceanside Street Improvement and Overlay Project, Oceanside, CA</b>          CTE provided the public works inspection for the City of Oceanside street overlay annual program for 10 years from 1998 to 2008. The public works inspection service included Resident Engineer inspection of roadway subgrade, base, and asphalt placement construction projects managed by the City of Oceanside Engineering Department. CTE also provided the field and laboratory testing of soil, subgrade materials, base, and asphalt during new roadway concrete and asphalt roadway as well as roadway standard asphalt and rubberized asphalt pavement overlay projects.</p> <p><b>IBWC South bay Water Treatment and Reclamation Plant, San Diego, CA</b>          The \$800 million dollar International Wastewater Treatment Plant (IWTP) Phases 1 and 2, consisted of constructing a 25 million gallon per day sewage treatment facility, and the Southbay Water Reclamation Plant, a 15 million gallon per day water reclamation facility located on a 75-acre site west of San Ysidro, San Diego, near the U.S.-Mexico border. The project was developed and constructed to treat sewage flows from Tijuana entering the US in the Tijuana River.</p> <p>CTE conducted the provided all the contractor QC/QA services including Geotechnical dynamic site densification verification, inspection and testing during grading and utility construction, public works inspection of all plant components constructed including all structural, mechanical, electrical, plumbing and building inspection services. CTE provided testing and inspection of plant roadway construction including sub-grade,</p>
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	<p>base-course and paving observation inspection and compaction testing. CTE also provided Quality Assurance Inspection and Testing services to the project including those associated with special inspection of reinforced concrete, masonry, structural steel and bolting, welding inspection and NDT testing of welds, and anchor bolt pull-testing. CTE’s laboratory provided all concrete compression testing, mortar, grout and masonry prism testing as well as all soils testing services.</p>
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## References for Key Staffs

### **SNG & Associates, Inc.**

#### **City of Tracy – Engineering Staff Support Services (2000 – 2010 and 2013 to present)**

Contact: Robert Armijo, City Engineer, Development Engineering Services  
Bill Dean, Assistant Development Services Director  
Phone: (209) 831-6424

#### **City of Dublin – Engineering Staff Support Services (2000 – 2003, and 2005 to present)**

Contact: Laurie Sugang, Assistant Public Works Director/City Engineer  
Phone: (925) 833-6630

#### **City of Newark – Engineering Staff Support Services (2019 – present)**

Contact: Jayson Imai, Assistant City Engineer, Public Works  
Phone: (510) 578-4671

### **Advanced Mobility Group (AMG)**

#### **Mountain House CSD On-Call & Plan-Checks Services**

**Client Contact:** Nader Shareghi, Director of Public Works, Mountain House  
Community Services District,  
nshareghi@sjgov.org, 209-831-5607

#### **City of Patterson On-Call & Transportation Infrastructure Master Plan**

**Client Contact:** Mike Willett, Public Works Director,  
City of Patterson,  
209.895.8065  
MWillett@ci.patterson.ca.us

#### **City of Belmont On-Call Transportation Engineering Services**

**Client Contact:** Bozhena Palatnik, Dept. of Public Works  
City of Belmont  
(650) 595-7463,  
bpalatnik@belmont.gov

#### **City of Concord On-Call Transportation Engineering Services**

**Client Contact:** Abhishek Parikh, Transportation Engineer  
City of Concord,  
925.671.3129,  
Abhishek.Parikh@cityofconcord.org



**West Coast Code Consultants, Inc.**

**City of Dublin**

Contact: Gregory Shreeve, CBO  
(925) 835-6628  
gregory.shreeve@dublin.ca.gov,

**City of Santa Clara**

Contact: Sharon Goei, CBO  
(408) 615-2404  
sgoei@santaclaraca.gov

**City of Hayward**

Contact: Gary Nordahl, CBO  
(510) 583-4004  
gary.nordahl@hayward-ca-gov

**David J. Elliott & Associates, Inc.**

Contact: Mr. Eric Johnsen, CEO  
R3-Rehabilitation Restoration Respite  
(831) 214-0964  
eric@r-three.org)

Contact: Mr. Greg Hoffman, CFO  
Saint Andrews Regional Center  
(408) 379-5417  
ghoffman@sarc.org

Contact: Mr. Beau Oxsen, Project Manager  
Shaw Commercial Real Estate  
(831) 262-8749  
beau@shaw-development.com



## **Sierra Geotech**

### **Quincy Engineering – Geotechnical Services for Dixon Mine (2019)**

Contact: Leland Mason, PE, QSD/QSP, Senior Engineer  
Phone: (916) 368-9181  
Email: lelandm@quincyeng.com

### **Stantec – Geotechnical Services for Sacramento 5th Street and Summit Boulevard (2018 – 2019)**

Contact: Laurie Sugang, Assistant Public Works Director/City Engineer  
Phone: (925) 833-6630  
Email: elias.rashmawi@stantec.com

### **Calaveras County – Geotechnical Services for Mountain Ranch Road (2019)**

Contact: Jennifer Ellis, Senior Civil Engineer  
Phone: (209) 754-6402

## **Construction, Testing & Engineering Inc.**

### **Stanislaus County Capital Improvement – On Call Testing and Inspection Contract (2014 – 2016)**

Contract Reference: Mr. Rick Rodriques  
Cell (209) 404 -7414

### **City of Ceres – On Call Testing and Inspection Services (2016 – 2018)**

Contract Reference: Mr. Sam Royal  
Ph (209) 538-5617

### **Santa Clara Valley Water District – On Call Testing and Inspection Services (2010 – Current)**

Contract Reference: Mr. Tim Bramer  
Ph (408) 234-9330

## **BrightView**

### **Mountain House CSD – Landscape Consultant and Inspector Services (2016 – Present)**

Contact: Anush Nejad, Director of Community Development, MHCSO  
Phone: (209) 831-5639  
Email: anejad@sjgov.org



## Resumes for Key Staff



### NANDA GOTTIPARTHY, P.E.

**Role & Company:** Project Director, SNG & Associates, Inc

**Professional Registration:** Professional Civil Engineer, California No 52308

**Length of Employment with SNG:** 21 years

**Years of Related Experience:** 31 years

**Area of Specialization:** Land Development

**Education:** MS – Civil Engineering, Indian Institute of Technology, Chennai, India

**Municipal and Public Experience:**

Mr. Gottiparthi has over 31 years of experience in municipal engineering and management of large development and capital improvement projects from inception to completion. He served as a Senior Civil Engineer for the City of Tracy and City of San Leandro and Contract City Engineer for the City of Livingston, City of Atwater and City of Oakdale. He was responsible for managing all functions of the land development sections. Representative projects include:

1. MHCS D: Project Director
2. City of Dublin: Staff Support Services (2000 to 2003 and 2005 to Present)
3. City of Livingston: City Engineer and Staff Support Services (2003 - 2013)
4. Additional Cities: San Leandro, Vallejo, Lathrop, Atwater, Patterson, Brentwood, Oakdale

### RICHARD STEINER, P.E.

**Role & Company:** Principal Engineer, SNG & Associates, Inc.

**Professional Registration:** Professional Civil Engineer [NY, NJ, CT, PA, CA<sup>1</sup>]

**Length of Employment with SNG:** approx. 1 year 3 months

**Years of Related Experience:** 31 years

**Area of Specialization:** Construction Management, Design-Build

**Education:** MS – Civil & Environmental Engineering, Stevens Institute of Technology, Hoboken, NJ

**Municipal and Public Experience:**

Mr. Steiner has over 31 years of experience in planning, design and management of large and complex urban land development and managing capital improvement projects from inception to construction. He has broad experience in various project delivery methods, including design-build, in dozens of municipalities. His clients include private developers, architects and contractors as well as state and local public agencies. He has led and managed new infrastructure master plan design-build projects and state-wide site feasibility studies. Representative projects include:

1. MHCS D: (1) Bergamo Residential, (2) Langston II Residential, (3) NH D2/D4 View Fence
2. UC Merced 2020: Program Manager for Design-Build Development Contract
3. Cooper Medical Center, Rowan University, Camden, NJ
4. The Heights at Montclair State University, Montclair, NJ



## CURTIS BRIAN

**Role & Company:** Senior Construction Inspector, SNG & Associates, Inc.

**Length of Employment with SNG:** Less than 1 year

**Years of Related Experience:** 30+ years

**Area of Specialization:** Construction and Public Works Inspection

**Municipal and Public Experience:**

**Mr. Curtis Brian** is a highly skilled Public Works Inspector with over 30 years construction experience including 5 years in the field as a Public Works Engineering Inspector for various City Government Agencies. Mr. Brian's experience as a PW Inspector includes a variety of residential, capital improvement projects and commercial projects including large site developments, as well as new street construction, bridge construction, storm drain systems, hillside stabilization, excavation & grading, underground water pipeline, underground utilities including joint trench, sanitary sewer, retention basins, creek modification & improvements, pipe bursting, directional drilling, retaining walls, traffic signal, etc. Mr. Brian has a diverse range of experience as a Public Works Inspector including capital improvement projects. Representative projects include:

1. City of Dublin: Engineering Department (Public Works Inspector)
2. City of Santa Clara: Engineering Department (Public Works Inspector)
3. City of Albany: Public Works Department (Public Works Inspector)
4. City of San Leandro: Engineering & Transportation Department
5. City of Morgan Hill: Engineering Department (Public Works Inspector)

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## STEVE WOOD

**Role & Company:** Senior Construction Inspector, SNG & Associates, Inc.

**Length of Employment with SNG:** 2 years

**Years of Related Experience:** 39 years

**Area of Specialization:** Construction and Public Works Inspection

**Education:** College of Alameda, Alameda, CA

**Municipal and Public Experience:**

Mr. Woods has over 31 years of Construction Inspection experience including 8 years working as Senior Construction Inspector for the City of Dublin and 26 years as Inspector, Utility Inspector, and Engineering Technician for the City of Concord. Representative projects include:

1. City of Dublin: Senior Construction Inspector (2011 to 2020)
2. City of Concord: Construction Inspector (1984 to 2009)
3. Daniel Construction Company International (August 1983 to October 1984)
4. Howard Construction Company International (July 1983 to August 1983)
5. Public Works of Fayetteville, NC (July 1977 to July 1982)

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## OAK BASTIAN



**Role & Company:** Staff Engineer / Engineering Technician, CTE CAL Inc.

**Length of Employment with CTE CAL Inc.:** 9 years

**Years of Related Experience:** 9 years

**Area of Specialization:** Quality Control Management, Construction Inspection

**Education:** BS – Civil Engineering, California State University, Sacramento

**Municipal and Public Experience:**

Mr. Bastian has eight years of geotechnical, civil, structural and construction engineering experience. Mr. Bastian’s experience has included providing Quality Control Management services on USACE and NAVFAC military projects as well as numerous public works agency construction projects; conducting geotechnical, environmental, and structural distress engineering investigations; laboratory and field testing of concrete, soils, and asphalt; performing public works inspections; as well as providing miscellaneous construction inspection of roofing, waterproofing, and concrete floor slab flatness. Representative projects include:

1. Santa Clara Valley Water District QC Project Inspector, Sunnyvale, CA
2. California State Prison – Solano QC Project Inspector, Vacaville, CA
3. Creek Protection Project – Phase II QC Project Engineer, Sacramento, CA
4. Common Mission Control Center QC Project Engineer, Beale AFB, CA
5. City of Roseville – Public Works Department – Assistant Engineer

## T. ALAN KRAUSE

**Role & Company:** Staff Engineer / Geologist, Special Inspector, CTE CAL Inc

**Professional Registration:** Professional Engineers EIT Certificate No. 2002

**Length of Employment with CTE CAL Inc:** 21 years

**Years of Related Experience:** 33 years

**Area of Specialization:** Geotechnical and Environmental engineering investigation

**Education:** BS – Geological Engineering, University of Nevada, Reno, 1988

**Municipal and Public Experience:**

Mr. Krause has 33 years of experience performing geotechnical and environmental engineering investigations as well as providing geotechnical construction control services. His responsibilities have included performing geotechnical soil borings logging including SPT and CPT testing; geologic surface mapping and trench logging; seismic refraction surveys; inclinometer and monitoring well installations; sampling and laboratory testing; as well as preparation of geotechnical and environmental engineering investigation reports. Mr. Krause has also performed geotechnical construction control observation, testing and special inspections on thousands of projects throughout northern California including the monitoring, testing, and approval of: grading and backfilling operations; drilled pier and driven pile foundation installations; stone columns, drilled displacement columns, and rammed aggregate piers foundation installations; dam, levee, and cutoff wall construction. Representative projects include:

1. UOP Mc George - Law Library Expansion, Sacramento, CA
2. BART Fremont Town Center & Subway Geotechnical Monitoring, Fremont, CA
3. State Route 4 Bypass, Segment-1, Contra Costa County, CA

## RODNEY D. BALLARD, P.E., R.C.E., G.E.



**Role & Company:** Principal Engineer / Engineering Manager, CTE CAL, Inc  
**Professional Registration:** Registered Civil Engineer, State of California (CE 43345)  
 Registered Geotechnical Engineer, California (GE 2173), Nuclear Gauge Certified  
**Length of Employment with CTE CAL:** 31 years  
**Years of Related Experience:** 36 years  
**Area of Specialization:** Construction Engineering Services  
**Education:** MS – Geotechnical Engineering, Oklahoma State University 1984  
**Municipal and Public Experience:**

Mr. Ballard has over thirty-six years of progressively responsible construction engineering experience. Responsibilities have included direction and technical approval of geotechnical engineering investigations, construction inspection, construction materials testing, and construction engineering consulting services including performing geotechnical engineering investigations; site grading observations and compaction testing; construction inspection and laboratory testing.

1. City of Tracy – Materials Testing and Public Works Inspection Contract (2000 – 2006)
2. City of Ceres – Materials Testing Contract (2017 – 2019)

#### **CHRISTOPHER THNAY, P.E., AICP**

**Role & Company:** Traffic Eng /Planning-Overall Project Manager, AMG  
**Professional Registration:** Traffic Engineer #1771, State of California, Certified Planner #10403, AICP  
**Length of Employment with AMG:** 3 years  
**Years of Related Experience:** 36 years  
**Area of Specialization:** Traffic Operations, Plans, Specifications, and Estimates (PS&E), roundabout analysis, safety analysis, signal timing, traffic calming design, transportation planning  
**Education:** MS– Transportation Planning & Management - Stanford  
**Municipal and Public Experience:** 26 years

Mr. Thnay will lead for all traffic/planning support for the MHCSO on-call plan-checks project. His experience as a city a transportation official with the City of Palo Alto (1995 – 2001) has given him the necessary skills acquired during more than three decades of experience to develop and evaluate traffic solutions and work closely with the public. Chris is a Fellow of Institute of Transportation Engineers (ITE) and was a member of the ITE Committee on Operating Intersections to Meet the Needs of All Users in 2003-2004 and was a Planning Commissioner in the City of Hayward (2000-2011).

**Representative projects include:** On-Call engineer for Mountain House CSD, City of Patterson, San Joaquin County, City of Belmont, City of Palo Alto, City of Menlo Park, City of El Cerrito

#### **JOY BHATTACHARYA, P.E., PTOE**



**Role & Company:** Traffic Eng/Planning - ITS/Fiber Communications Lead

**Professional Registration:** Professional Civil Engineer, California No 68928, PTOE #1103, Professional Traffic Operations Engineer

**Length of Employment with AMG:** 3 years

**Years of Related Experience:** 21 years

**Area of Specialization:** Adaptive/Responsive Traffic Signal Systems, ATMS, fiber optics, PS&E

**Education:** MS– Transportation Eng/Operations Research, U of Delaware, M.Eng Transportation Engineering, University of Tokyo, Tokyo, 1995,

**Municipal and Public Experience:** 6 years

Mr. Bhattacharya has in-depth experience in the development, design and implementation of various engineering strategies in major metropolitan areas, including Adaptive/Responsive Traffic Signal Systems and Transit Priority Systems; Incident Management Plans; design of communication systems; preparation of PS&E for field implementation of CCTV, Changeable Message Signs, Ramp Metering and ATMS systems; and fiber optics communication.

**Representative projects include** Tracy Boulevard ATMS & Fiber Optics Project, Tracy, ATMS Design for Route 238 Improvements, Hayward, Traffic Signal Upgrade and Communication Design Project (Hesperian, Tennyson, Winton Corridors), Hayward

#### STEVEN AU, P.E.

**Role & Company:** Traffic Engineering/Planning - Chief Signal Designer, AMG

**Professional Registration:** Professional Civil Engineer, California No 41532

**Length of Employment:** 3 years

**Years of Related Experience:** 41 years

**Area of Specialization:** PS&E, traffic signals systems, signing and striping, street lighting, Intelligent Transportation Systems (ITS)

**Education and Experience:** BS– in Civil Engineering, UC Berkeley

**Municipal and/or Public Sector Experience:** 26 years

Mr. Au was previously signal design chief for Santa Clara County. He has in-depth experience in the preparation of Plans, Specifications, and Estimates (PS&E) for new/modified traffic signals systems, signing and striping, street lighting, traffic calming, construction zone traffic control, Intelligent Transportation Systems (ITS), park-and-ride design, transit center design, ADA requirements, and pedestrian safety and bicycle facilities projects. His controller experience includes Econolite, BiTran, and NAZTEC.

**Representative projects include:** Plan-checks and traffic signal, Signing & Striping, PS&E projects for San Tomas Expressway and Central Expressway, Bridge Design for the Seismic Retrofit Program, Resident Engineer for numerous signal construction projects.

#### VASAVI PANNALA, P.E.

**Role & Company:** Traffic Engineering/Planning – Sr. Signal Designer, AMG



**Professional Registration:** Professional Civil Engineer, CA. No 76410

**Length of Employment:** 2 years

**Years of Related Experience:** 20 years

**Area of Specialization:** Traffic signal design, Intelligent Transportation Systems design, traffic control and lighting design, traffic operational analysis, systems engineering

**Education and Experience:** MS–Civil /Transportation Eng, West Virginia U

**Municipal and/or Public Sector Experience:** 4 years

Ms. Vasavi is a Project Manager in AMG’s Innovative Transportation Solutions group. She is a licensed Civil Engineer with more than 19 years of experience in engineering and management. As a project manager, she has a proven record of completing projects on time and within budget. Technical experience includes systems engineering, transit operational analysis, traffic signal design, traffic operational analysis, Intelligent Transportation Systems design, traffic control and lighting design.

**Representative projects include:** I-880 Express Lanes, MTC, Alameda and Santa Clara Counties, CA (Electronic Tolling, Communications Design (Fiber), Lighting Design and TMP Lead, Mountain House Community Services District, On-Call Projects, Mountain House, CA (Project Engineer), I-80 Integrated Corridor Mobility (ICM) Project, Alameda CTC,(Deputy PM).

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#### **CHRIS K.S. HIGBEE, P.E.**

**Role & Company:** Traffic Engineering/Planning - Senior Designer, AMG,

**Professional Registration:** Professional Civil Engineer, California No 88285

**Length of Employment:** 3 years

**Years of Related Experience:** 7 years

**Area of Specialization:** Traffic signal design, PS&E, signing & striping, construction support, Complete Streets, safety, pedestrian safety

**Education and Experience:** BS– Engineering, CalPoly, San Luis Obispo,

**Municipal and/or Public Sector Experience:** 3 years

Mr. Higbee has over 5 years of experience in RRFB design, traffic signal design and modification, signing & striping, construction support, Complete Streets design and implementation, traffic calming, parking, traffic impact and congestion management. Additionally, he has prepared many transportation policies and planning documents, including development of Pedestrian & Bicycle Master Plans and General Plan Circulation Elements. He has knowledge of AutoCAD, AutoCAD Civil 3D, Synchro, Highway Capacity Software

**Representative projects include:** Harbor Bay Pkwy Traffic Signals, Alameda, Miner Ave Complete Street Improvements, Stockton, N. El Dorado Street Road Diet, Stockton, Moraga Wy & Brookside Dr RRFB Installation, Orinda

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#### **KASRA BEHBAHANI**

**Role & Company:** Traffic Engineering/Planning - Sr Systems Designer, AMG



**Length of Employment:** 3 years

**Years of Related Experience:** 16 years

**Area of Specialization:** Communications Systems expert, Traffic Control Systems, Integrated Corridor Management (ICM), Advanced Transportation Management Systems (ATMS), Autonomous Vehicles

**Education and Experience:** BS–Computing Information Systems, University of London, London, 2006

**Municipal and/or Public Sector Experience:** 5 years

Kasra has experience on various projects including but not limited to Traffic Control Systems, ITS, Integrated Corridor Management (ICM), Advanced Transportation Management Systems (ATMS), Tunnel Management Systems, Train Control Systems, Transit CAD/AVL systems, Autonomous and Connected Vehicles, Smart Cities, and Fare Collection Systems. Kasra has hands-on experience programming and configuring devices and designing regional level communication networks and their standards, IP schemas, and security requirements based on the needs and requirements of various projects.

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### SHRUTI SHRIVASTAVA

**Role & Company:** Traffic Engineering/Planning - Transportation Eng, AMG,

**Length of Employment:** 3 years

**Years of Related Experience:** 8 years

**Area of Specialization:** Signal coordination, traffic control systems, traffic operational analysis, simulation and modeling

**Education and Experience:** MS –Traffic Engineering; Rutgers, NJ

**Municipal and/or Public Sector Experience:** 3 years

Ms. Shrivastava has approximately seven years of experience in signal coordination, traffic control systems, traffic operational analysis, simulation and modeling. She has experience with a variety of software packages including Synchro, SimTraffic, SIDRA and HCS. She has worked with various traffic signal controllers such as Intelight, 2070E, Cobalt, ASC 2/3, 170E and controller software's such as BiTrans 200/233RV, McCain 2033, Caltrans C.X, TSCP 2.X, D4, MAXTIME and Apogee. She has also worked with various central management systems such as McCain Transparency TMS, Quicknet Pro, CUBIC Trafficware ATMS.now, Intelight MaxView, MIST and Wapiti.

**Representative projects include:** Adaptive Signal Control System Evaluation and Maintenance for Dublin Boulevard, City of Dublin On-Call; Program for Arterial Systems Synchronization (PASS) Program, Metropolitan Transportation Commission (MTC), San Francisco Bay Area (9 counties), 2013-2018; 19th Avenue/Fashion Island Boulevard Corridor Improvements Study, City of San Mateo.

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### GIYAN SENARATNE P.E., S.E., LEED AP, CASp

Mountain House Community Services District | Qualifications for Construction Management & Inspection Services



**Role & Company:** Principal / CEO, West Coast Code Consultant, Inc. (WC<sup>3</sup>)  
**Professional Registration:** Professional Civil Engineer, California No C 46194  
 Professional Structural Engineer, California No S 4457  
**Area of Specialization:** Structural Engineering & Plan Review, Green Building, Accessibility  
**Education:** ME, Civil Engineering, San Jose State University, CA  
 BS, Civil Engineering, San Jose State University, CA  
**Years with WC<sup>3</sup>:** 15 years  
**Years of Related Experience:** 34 years

**Municipal and Public Experience:**

Mr. Giyan Senaratne, S.E., P.E., the owner of WC<sup>3</sup>, has more than 33 years of experience providing professional building and life safety services to numerous municipalities and government agencies. He is a registered structural engineer, a registered civil engineer, an ICC certified plans examiner, a LEED AP professional, and a Certified Access Specialist (CAsp). He has exceptional experience in performing detailed plan reviews of a wide variety of types of construction and occupancy groups. This includes simple residential homes, multi-family podium projects, high-rise structures, complex industrial plants, and large-scale power plants. He is actively involved with code development at the State level and is a sought-after educator for code trainings for building officials, design professionals, and contractor organizations.

**KEYVAN IRANNEJAD, P.E., CBO, BUILDING & SAFETY OFFICIAL**

**Role & Company:** Building & Safety Official, West Coast Code Consultant, Inc. (WC<sup>3</sup>)  
**Professional Registration:** Professional Civil Engineer, California No C 44539  
 California General Licensed Contractor  
**Area of Specialization:** Structural Engineering & Plan Review,  
**Education:** BS, Civil Engineering, University of Wisconsin, WI  
 BS, Environmental Engineering, University of Wisconsin, WI  
**Years with WC<sup>3</sup>:** 3 years  
**Years of Related Experience:** 34 years

**Municipal and Public Experience:**

Mr. Irannejad P.E. is an invaluable industry leader and mentor to the building and life safety community in the San Francisco Bay Area. As a professional engineer, he has over 38 years of experience in the building industry and over 30 of those years working in a Bay Area jurisdiction. His experience includes planning, directing and coordinating the activities of the Building and Safety Department including the budget, permit center, plan check, Code coordination and economic development activities while interpreting objectives and regulations. His extensive experience allows him to effectively coordinate cross training between all sections of the Building and Safety Department, including the Building, Engineering and Fire Department Plan Check sections.

**CURT HUME, P.E., S.E., LEAD STRUCTURAL PLAN REVIEW ENGINEER**



**Role & Company:** Lead Structural Plan Review Engineer,  
West Coast Code Consultant, Inc. (WC<sup>3</sup>)

**Professional Registration:** Professional Civil Engineer, California No C 38266  
Professional Structural Engineer, California No S 3134

**Area of Specialization:** Structural Engineering & Plan Review,

**Education:** MBA Business Administration, Santa Clara University, CA  
ME, Civil Engineering, University of California, Berkeley, CA  
BS, Civil Engineering, California Polytechnic State University, CA

**Years with WC<sup>3</sup>:** 11 years

**Years of Related Experience:** 40 years

***Municipal and Public Experience:***

Mr. Hume has over 37 years of structural engineering experience, with 20 years as a design engineer and 17 years as a structural plan review engineer. He brings a broad range of experience to any project. As a structural plan review engineer, he has reviewed hundreds of projects for jurisdictions throughout California, Colorado, Utah and Nevada. Types of projects reviewed include single-family dwellings, podium-type residential complexes, corporate office campuses, large industrial and manufacturing facilities, electrical power generating plants and public elementary schools.

**GREG MASON, P.E., SENIOR PLAN REVIEW ENGINEER**

**Role & Company:** Senior Plan Review Engineer, West Coast Code Consultant, Inc. (WC<sup>3</sup>)

**Professional Registration:** Professional Civil Engineer, California No C 40321

**Area of Specialization:** Structural Engineering & Plan Review,

**Education:** BS, Civil/Structural Engineering, University of Santa Clara, CA

**Years with WC<sup>3</sup>:** 7 years

**Years of Related Experience:** 40+ years

***Municipal and Public Experience:***

Mr. Mason provides exceptional plan review with over 40 years in the industry. As a licensed professional engineer, he brings high level expertise, diversity and depth of experience in virtually all construction types. He furnishes client support in plan review within local jurisdictions including Dublin, Pleasanton, Vallejo, Palo Alto, Sacramento and many other California municipalities. His knowledge of building codes and the construction industry extends to longtime experience as principal of L.S. Mason and Associates where he was involved in a wide range of projects, from the original land planning stages to final completion including single family and multi-family residential developments, large scale mixed-use projects, senior life care/residential living units, hotels, commercial, and technical buildings.

**TOBY JOHNSON, P.E., ELECTRICAL PLAN REVIEW ENGINEER**



**Role & Company:** Electrical Plan Review Engineer, West Coast Code Consultant, Inc. (WC<sup>3</sup>)  
**Professional Registration:** Professional Electrical Engineer, California No C 22058  
 Professional Electrical Engineer, Utah 279628-2202  
 Registered Journeyman  
**Area of Specialization:** Electrical Engineering & Plan Review,  
**Education:** BS, Electrical Engineering, Utah State University, UT  
**Years with WC<sup>3</sup>:** 5 years  
**Years of Related Experience:** 16 years

**Municipal and Public Experience:**

Mr. Johnson is a licensed electrical engineer as well as a licensed journeyman electrician. He has more than 15 years of experience on large industrial electrical projects. Toby has shown a proficiency for reviewing electrical systems for complex industrial and power generation facilities from low to high voltages. His field experience as an electrician, in addition to a strong electrical engineering design background, provides him with an exemplary level of understanding for plan review that is to be desired by others in the industry.

**DOUG SMITH, MCP, CBO, ASSISTANT ENGINEER / PLAN REVIEWER**

**Role & Company:** Assistant Engineer / Plan Reviewer,  
West Coast Code Consultant, Inc. (WC<sup>3</sup>)  
**Professional Registration:** ICC Master Code Professional, Certified Building Official,  
Electrical Plans Examiner, 12 Additional ICC Certifications  
**Area of Specialization:** Electrical / Solar Plan Review,  
**Education:** Electrical Engineering Coursework, Weber State University, UT  
**Years with WC<sup>3</sup>:** 8 years  
**Years of Related Experience:** 23+ years

**Municipal and Public Experience:**

Mr. Smith has worked in the construction and building safety industry for over 23 years. Early in his career, he worked as a framer, progressing to a building inspector and obtaining more than 19 ICC certifications, including Certified Building Official and Master Code Professional. He is a well-rounded building code professional specializing in electrical requirements. Doug is especially knowledgeable on the topic of solar photovoltaics and battery energy storage systems; and has taught hundreds of electrical, solar photovoltaic, and energy storage system courses for various organizations throughout the western United States. At WC<sup>3</sup>, Doug has performed over 10,000 plan reviews regarding solar PV as well as small and large-scale energy storage systems for jurisdictions across the states of California, Nevada, Utah, and Idaho. He has also performed thousands of inspections on such systems. Doug currently serves as an STP Member on five UL Standards: UL 9540 (Energy Storage Systems), UL 1703/61730 (Flat Plate PV Modules), UL 1741 (Inverters, Converters, Chargers...), UL 2703 (PV Racking...), and UL 6703 (PV Connectors).

**SHAUN VEMURI, PE, MBA**



**Role & Company:** Managing Principal, Principal Engineer, Sierra Geotech

**Professional Registration:** Professional Civil Engineer, California #87196, Texas, Washington #55344, and Kentucky 55552

**Length of Employment with SG:** 4 year

**Years of Related Experience:** 17 years

**Area of Specialization:** Geotechnical

**Education:** BS, Civil Engineering, Jawaharlal Nehru Technological University Hyderabad, India, MS, Civil Engineering, University of Kentucky, Kentucky, MBA, University of Kentucky, Kentucky

**Municipal and Public Experience:**

Shaun Vemuri is a licensed geotechnical engineering professional and senior project manager with extensive experience in transportation infrastructure projects. He is a managing partner of Sierra Geotech. He has managed and delivered transformational projects of all sizes for public agency and private sector clients in California and across the United States, Australia, New Zealand, and India. In a career spanning over 17 years, Shaun has led numerous client engagements where geotechnical engineering challenges and material testing issues were complex and critical. Representative projects include:

1. Upper Broadway Bike Lanes Construction Management Services, City of Placerville, CA
2. Spring Street Pavement Rehabilitation and Mosquito Road Stabilization, City of Placerville, CA
3. State Route 49 Bicycle and Pedestrian Improvement at Various Locations, City of Auburn, CA
4. US 101/Broadway Interchange Reconstruction Project, City of Burlingame, CA
5. Interstate 15/Interstate 215 Interchange Design Build, San Bernardino, CA
6. Lower Elkhorn Levee Interior Drainage, City of Sacramento, CA
7. Dixon Mine Road Bridge over Wolf
8. Creek, Alpine County, CA
9. Mountain Ranch Road Pavement Rehabilitation and Resurfacing, Calaveras County, CA
10. Six Mile Road Pavement Rehabilitation and Resurfacing, Calaveras County, CA
11. McKinley Park Water Vault, City of Sacramento, CA

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## HECTOR AVELICA

**Role & Company:** Senior Civil Engineer, Field Technician and Special Inspector, Sierra Geotech

**Certifications:** Troxler Nuclear Gauge, Caltrans Aggregate Testing, Caltrans Asphalt Testing, Caltrans Concrete Testing, and American Concrete Institute

**Length of Employment with SG:** 2 year

**Years of Related Experience:** 10 years

**Area of Specialization:** Geotechnical

**Education:** BA, Construction Management/Business (Pending), Heald College, San Francisco, CA

**Municipal and Public Experience:**

Hector Avelica is an experienced geotechnical laboratory technician and field inspector specializing in construction observation and special inspections. With more than 10 years of experience, he is highly capable overseeing and supervising inspection and testing activities by junior inspectors and subconsultants. He leads project-based special inspection teams to successful project delivery and serves as the main point of contact in the field for enforcing compliance with contract plans and specifications. Hector's expertise encompasses several key trades, including soil, asphalt, and reinforced concrete. Hector holds certifications from American Concrete Institute and Caltrans. A proactive problem solver with proven track record of confidently and tactfully dealing with and



correcting substandard or defective work. He maintains positive business relationships with clients, contractors, subcontractors, and material suppliers. Representative projects include:

1. Mountain Ranch Road Improvements, San Andreas/Calaveras County, CA
2. Rancho Seco Phase II Solar, City of Herald, CA
3. Spring Street Pavement Rehabilitation and Mosquito Road Stabilization, City of Placerville, CA
4. State Route 49 Bicycle and Pedestrian Improvements at Various Locations, City of Auburn, CA
5. Upper Broadway Bike Lanes Construction Management Services, City of Placerville, CA
6. Six Mile Road Improvements Project, Murphys, CA

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### **CESAR CEBALLOS-SALAS**

**Role & Company:** Concrete Field Technician, Sierra Geotech

**Certifications:** Nuclear Gauge Operator, Troxler, American Concrete Institute - Grade I, Caltrans 231 and 375 California Testing Methods

**Length of Employment with SG:** 1 year

**Years of Related Experience:** 1 year

**Area of Specialization:** Geotechnical

**Education:** Partial Coursework, Santa Monica College, Santa Monica, CA

**Municipal and Public Experience:**

Cesar Ceballos is an experienced geotechnical laboratory and field material testing inspector specializing in Construction Materials Testing (CMT) and special inspections. Cesar is Nuclear Gauge Operator and American Concrete Institute certified and undertakes soil, aggregate, and concrete lab testing. In the field, Cesar performs nuclear gauge density testing and field concrete sampling and testing.

Representative projects include:

1. Mountain Ranch Road Improvements, San Andreas/Calaveras County, CA
2. Spring Street Pavement Rehabilitation and Mosquito Road Stabilization, City of Placerville, CA
3. State Route 49 Bicycle and Pedestrian Improvement at Various Locations, City of Auburn, CA
4. Upper Broadway Bike Lanes Construction Management Services, City of Placerville, CA
5. Six Mile Road Improvements Project, Murphys, CA
6. Ostrum Road Pavement Rehabilitation Study between Rancho Road and South Erle Road, Yuba County, CA
7. East of 5th Project from Camille Lane and Stevens Streets at the Sacramento Railyards, City of Sacramento, CA
8. 2020 Neighborhood Street Rehabilitation Project RC02 - Phase 1, City of Rancho Cordova, CA
9. Pfeiffer Big Sur State Park Cabins Geotechnical Investigation City of Big Sur,



## DAVID J. ELLIOTT

**Role & Company:** CEO/President, David J. Elliott & Associates, Inc

**Professional Registration:** Architect, California License No. C11776;

**Length of Employment with David J. Elliott & Associates, Inc.:** 41 Years

**Years of Related Experience:** 41 years

**Area of Specialization:** Planning, Architecture, Interiors

**Education:** BArch, Cal Poly SLO, Graduate Studies Cal Poly SLO Human Factors and Design Methods of Problem Solving; 1975

**Municipal and Public Experience:**

Mr. Elliott has nearly 41 years' experience as Principal Architect in Planning, Architecture and Interiors managing up to 12 staff members and having completed over 2,000 projects ranging from simple tenant improvements to county master plans. He has completed permits throughout California in over 100 cities and counties as well as Mexico and the Middle East. California State American Institute of Architects (CSAIA) in 1984 and 1985. He serves as Co-founder, Board Director and Principal Architect of R3-Rehabilitation Restoration Respite ([www.r-three.org](http://www.r-three.org)). R3 has an exclusive contract with the California Training Facility (CTF), California Department of Corrections and Rehabilitation, constructing tiny homes with inmate labor at Soledad and Folsom prisons. Representative Projects include:

1. Monterey County Zoning Task Force
2. Monterey County Capital Facilities Master Plan
3. Monterey County Social Service Facilities Consolidation Plan

## JEFFREY GILLESPIE

**Role & Company:** Primary Inspector, BrightView

**Years of Related Experience:** 40+ years

**Length of employment with Brightview:** 8 years

**Area of Specialization:** Landscape installation, maintenance, consultant and inspection for new and existing landscape projects

**Municipal and Public Experience:**

Mr. Gillespie is reliable, versatile, and conscientious Production Manager with over 40 years of experience in Landscape installation, maintenance, consultant and inspection for new and existing landscape projects. He was responsible for managing all functions of the land development sections. He has been working as an Associate Production Manager in performing landscape consulting and inspections for Mountain House Community Services District, including daily inspection reports.

**Skills include:**

1. Plant Culture and Identification
2. Irrigation installation and maintenance with proper water management
3. Updated horticultural practices
4. Read, interpret, and implement construction plans and specifications



## Schedule of Fees



**BILLING RATES SCHEDULE**

<b><u>Position</u></b>	<b><u>Hourly Rate</u></b>
Principal Engineer	235.00
Senior Project Manager	195.00
Project Manager	185.00
Senior Engineer	170.00
Construction Manager	170.00
Associate Engineer II	150.00
Associate Engineer I	140.00
Assistant Engineer	130.00
Senior Engineering Inspector	140.00
Engineering Inspector	130.00
Engineering Technician/CAD Drafting	120.00
Licensed Land Surveyor	210.00
Licensed landscape Architect	175.00
Clerical/ Admin Support	90.00

Note: Rates valid through June 30, 2022. Rates will be adjusted annually every July 1<sup>st</sup>.  
Reimbursable expenses for mileage, document reproduction will be billed at cost.  
Sub-consultants' costs to be billed at cost.



## Mountain House - On Call Testing Services (2021)

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**CTE CAL, Inc.**

INSPECTION & TESTING • GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION ENGINEERING

SACRAMENTO • FREMONT • MODESTO

E-Mail: robert.moore@ctecal.com

	Price Per Hour / Per Test	ASTM Designation	Other Method Used
<b>PROFESSIONAL ENGINEERING STAFF</b>			
	<b>HOURLY</b>		
Principal Engineer / Geologist	\$225		
Registered Geotechnical Engineer / Certified Engineering Geologist	\$200		
Registered Civil Engineer / Registered Geologist	\$185		
Senior Engineer / Geologist / Architect	\$175		
Project Engineer / Geologist / Architect	\$145		
Staff Engineer / Geologist / Architect	\$135		
Environmental Specialist / Registered Environmental Assessor	\$150		
Environmental Technician	\$125		
Quality Control Manager (USACE Certified)	\$125		
Construction Safety Manager	\$125		
Quality Control Specialists Civil, Structural, Building, Mechanical, Electrical, Plumbing	Quote		
Submittal Review Civil, Structural, Building, Mechanical, Electrical, Plumbing	\$125		
<b>INSPECTION SERVICES &amp; QUALITY CONTROL</b>			
	<b>PW HOURLY</b>		
Pile Driving Inspector / Deep Foundation Inspector	\$122		
<b>Soil Technician with nuclear Gauge</b>	<b>\$115</b>		
<b>ICC Special Inspector (Concrete, Masonry, Fireproofing Welding)</b>	<b>\$118</b>		
<b>ACI Concrete Technician</b>	<b>\$110</b>		
ICC Structural Steel Welding Inspector (Shop within California)	\$92		
ICC Structural Steel Welding Inspector (Shop outside California)	Quote		
ICC Grading / Earthwork Inspector	\$120		
Inspector Of Record / DSA / OSHPD Inspector	Quote		
Waterproofing Inspector	\$111		
Roofing Inspector	\$111		
Non-Destructive Testing Inspector (Ultrasonic, magnetic particle, dye penetrant)	\$128		
ICC Building / Mechanical / Electrical / Plumbing Inspector	\$113		
<b>SUPPORT SERVICES:</b>			
	<b>PW HOURLY</b>		
Certificate of Completion (Hourly)	\$185		
Draftsman	\$90		
Express Mail (FEDEX/UPS) (minimum)	\$30		
Facsimile (each page)	\$1		
File Search, re-issue of report, copies (minimum)	\$150		
Review of Files for processing Affidavits and Certifications	\$100		
Word Processing/Secretarial (per hour)	\$65		
<b>Sample Pickup (Hourly Rate - NIC Shotcrete Panels)</b>	<b>\$90</b>		
<b>COURT APPEARANCE AND DEPOSITIONS:</b>			
	<b>HOURLY</b>		
Senior Professional Preparation, Deposition or Testimony	\$425		
Travel & Expenses	Actual + 15%		
Evidence Storage (per month)	\$75		
<b>SPECIAL SERVICES:</b>			
	<b>HOURLY</b>		
Coring / Sawing Operator & Equipment (1-man crew)	\$165		
Coring / Sawing Operator & Equipment (2-man crew)	\$235		
Floor Flatness (Includes reports and RE Certification - If Required)	\$145		
Mobilization / Demobilization - Flat Rate	Quote		
Reinforcing Steel Location	\$125		
Anchor Pull Tests - up to 30 tons	\$130		
Glue Lamination Inspection	Quote		
Batch Plant Inspector	\$105		
Procedure Qualification per AWS, ASME or Military Standards	Quote		
Moisture Technician - Concrete Slabs (plus moisture kits \$35/ea)	\$125		
<b>SOILS:</b>			
	<b>EACH TEST</b>		
Soil Classification w/ Atterberg & Gradation	\$425	D 2487	---
Laboratory Compaction Test (Moisture Density-Each Curve) - 4 points (Proctor )			
- 4 inch mold (Proctor or Modified Proctor )	\$220	D 1557 / D-698	---
- 6 inch mold (Proctor or Modified Proctor )	\$250	D 1558	CTM 216
Laboratory Compaction Test Rock Correction	\$35	D 1557 / D 4718	---
Atterberg Limits Plasticity Index / Liquid Limit (Non Organic)	\$200	D 4318	---
Sieve Analysis-Bulk Sample Gradation	\$350	C 136 / C 117	CTM 202
Sieve Analysis-Material Finer than #200 Sieve	\$100	C 117	
Particle Size analysis #200 sieve Wash Only	\$100	D 1140	
California Bearing Ratio (CBR), Excludes Maximum Density Curve			
- 3 point	\$395	D 1883	---
- 1 point	\$175		
Cement Treated Base, Laboratory Design - Soil Cement, Each Set	\$475	D-558	
Cement Treated Base, Sample Fabrication (Set of Three)	\$235	D-558	CTM 312
Cement Treated Base, Compression Test	\$45	---	---
Chloride Content of Soil	\$135	---	---
Conductivity	\$165		CTM-424
Consolidation - per point	\$95		
Consolidation Test	\$395.00	D 2435	---
Direct Shear Test	\$350	D 3080	---
Expansion Index	\$150	D 4829	UBC 18-2



## Mountain House - On Call Testing Services (2021)

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**CTE CAL, Inc.**

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	Price	ASTM	Other
	Per Hour / Per Test	Designation	Method Used
Hydrometer Analysis (Fine Grade)	\$195	D-422	---
Moisture Content	\$50	D 2216	---
Permeability Test - Constant Head			
Fine Grained Soil (Flexible Wall Permeameter)	\$400	D-5084	---
Other	QUOTE	D 4318	---
R - Value (Minimum 3 pts.)	\$265	D-2844	CTM 301
Resistivity and pH of Soil	\$235	D-4972	CTM 643
Sand Equivalent	\$165	D 2419	CTM 217
Shrinkage Limit	\$135	D 427	---
Sodium Sulfate Soundness (Per Size Fraction)	\$245	C 88	---
Soil Classification w/ Atterberg & Gradation	\$425	D 2487	---
Sulphate Content of Soil	\$130	---	---
<b>CONCRETE:</b>	<b>EACH TEST</b>		
Cement Testing Compression (Cubes)	QUOTE	C-109 or C-109M	---
<b>Compression Tests, 6x12 Cylinder</b>	<b>\$35</b>	<b>C 39</b>	---
Compression Tests, Gunite/Shotcrete Panels, 3 Cores/Panel (Set)	\$195	C 39	---
Compression Tests, Cores (Includes Sample Preparation - 3 Cores)	\$285	C 42	---
Concrete Flexural Test, 6x6x18	\$85	C 293, C 78	---
Concrete Mix Design (Includes Aggregate Testing)	\$895	---	---
Concrete Mix Design (Revision or Review)	\$155	---	---
Drying Shrinkage (3 Specimens-28 Days)	\$295	C 157 (Mod)	---
Gunite Panel, 3 Cores	\$255	C-42	---
Gunite Panel, 4 Cores	\$295	C-42	---
Modulus of Elasticity, Static			---
4" x 8" core or cylinder (excludes specimen prep.) - each	\$210	C 469	---
6" x 12" cylinder (excludes specimen prep.) - each	\$235	C 469	---
Note: Companion Compression Breaks Separate			
Creep of Concrete in Compression (per set of 3)	\$2,200	C 512	---
Splitting Strength Test	\$175	C 496	---
Trial Batch: Mix Design, Aggregate Testing & Six Compression Tests	\$1,550	---	---
Unit Weight, Lightweight Concrete Fill	\$85	C 495	---
<b>AGGREGATES:</b>	<b>EACH TEST</b>		
Absorption Test, Coarse Aggregate	\$135	C 127	---
Absorption Test, Fine Aggregate	\$155	C 128	---
Aggregate Conformance Testing for State of California Projects (Includes: Sieve Analysis, Specific Gravity, No. 200 Wash, Organic Impurities, Unit Weight)	\$435	---	---
Clay Lumps and Friable Particles	\$200	C 142	---
Cleanness Value	\$220	---	CTM 227
Crushed Particles, Percent	\$185	---	CTM 205
Durability Index, Coarse Aggregate	\$215	D 3744	CTM 229
Durability Index, Fine Aggregate	\$205	D 3744	CTM 229
LA Rattler	\$245	C 131 or C 535	CTM 211
Mortar making properties of fine aggregates	\$255	C 87	---
Organic Impurities in Sand	\$130	C 40	---
Sieve Analysis (Gradation), Coarse Aggregate	\$155	C 136	---
Sieve Analysis (Gradation), Fine Aggregate (Including Wash)	\$195	C 136	---
Soundness of Aggregates by Sulfates	\$625		---
Specific Gravity, Fine Aggregate	\$115	C 128	---
Specific Gravity, Coarse Aggregate	\$130	C 127	---
Unit Weight per Cubic Foot, Voids in Aggregate	\$140	C 29	---
<b>MASONRY:</b>	<b>EACH TEST</b>		
Absorption Test, Brick, 7-Day (Per Block, 3 block minimum)	\$245	C 67	---
Absorption Test, Brick, 24-Hour Submersion	\$195	C 67	---
Absorption Test, Brick, 5-Hour Boiling	\$225	C 67	---
Composite Prism (under 400,000 lbs.), Half Size 8 x 16 x 8	\$115	E 447	UBC 21-17
Composite Prism (under 400,000 lbs.), Full Size 8 x 16 x 16	\$165	E 447	UBC 21-17
Compression Test, Brick	\$65	C 67	---
Compression Test, Blocks Larger Than 8x8x16	\$155	C 140	---
Compression Test, Blocks Less Than or Equal to 8x8x16	\$85	C 140	---
Compression Tests, Grout	\$35	C 1019	UBC 21-18
Compression Tests, Mortar, 2x4 cylinder UBC	\$35	C 780	UBC 21-16
Conformance Package	\$575	C 90	---
Efflorescence, Block with Mortar	\$135	C-90	---
Efflorescence, Block/Brick Only	\$165	C-90 or C-67	---
In-Place Shear Test (per test)	\$145	---	UBC 21-6
Linear Shrinkage	\$235	C 426	---
Modulus of Rupture, Brick	\$135	C 67	---
Moisture as Received, Brick	\$100	C 67	---
Saturation Co-Efficient (Includes Absorption) Brick	\$165	C 67	---
Shear Test, cores (excludes sample preparation)	\$155	---	Title 24
Compression Test Cores (includes sample preparation)	\$95	C 42	Title 24
Unit Weight & Absorption, Block	\$105	C 139	---
Unit Weight & Absorption, Block	\$105	C 140	---
<b>STEEL:</b>	<b>EACH TEST</b>		
High Strength Bolt, Nut & Washer Conformance (Wedge Tensile, Proof Load, Hardness)	\$425	A-325	---
Mechanical Tests, Hardness Test, Rockwell	\$195	---	---
Prestressed Steel, Tensile Test, Strand (7 wire)	\$235	---	---
Reinforcing Steel, Tensile Test - No. 11 Bars & Smaller	\$130	A 615	---
Reinforcing Steel, Tensile Test - No.14 Bars & Larger (To Min. Require. Only)	\$175	A 615	---
Reinforcing Steel, Bend Test - No.11 Bars & Smaller	\$110		



## Mountain House - On Call Testing Services (2021)

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**CTE CAL, Inc.**

INSPECTION &amp; TESTING • GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION ENGINEERING

SACRAMENTO • FREMONT • MODESTO

E-Mail: robert.moore@ctecal.com

	Price Per Hour / Per Test	ASTM Designation	Other Method Used
Mechanically Spliced Reinforcing Steel	\$185	---	---
Fireproofing Density Tests	\$140	E 605	UBC 7-6
Fireproofing Adhesion / Cohesion Tests	\$210	---	---
Structural Steel, Tensile Test - Up to 200,000 lbs.	\$175	A 370	---
Structural Steel, Bend Test.	\$130	---	---
Structural Steel, Pipe Flattening Test	\$130	---	---
Welded Specimens, Tensile Test - No. 11 Bars & Smaller	\$140	---	---
Welded Specimens, Tensile Test - No. 14 Bars (To Min. Require. Only)	\$225	---	---
Welded Specimens, Tensile Test - No. 18 Bars (To Min. Require. Only)	\$310	---	---
Welded Specimens, Tensile Testing - Mechanically Spliced Bar	\$245	---	---
<b>WELDER CERTIFICATION / QUALIFICATION</b>			
<b>EACH TEST</b>			
American Welding Society (AWS D1.1)			
Limited Thickness Plate (per position)	\$415	---	---
Unlimited Thickness Plate (per position)	\$415	---	---
Pipe (per position)	\$435	---	---
American Welding Society (AWS D1.4)			
Bar Sizes #3 through #9 (each)	\$295	---	---
Bar Sizes #10 through #11 (each)	\$315	---	---
Bar Sizes #14 through #18 (each)	\$375	---	---
American Society of Mechanical Engineers (ASME)			
Plate or Pipe Procedure Qualification (each)	\$625	---	---
Plate or Pipe Welder Qualification (each)	\$625	---	---
American Welding Society (AWS D1.3)			
Light Gauge Metal (includes butt and plug weld)	\$255	---	---
Procedure Qualification per AWS, ASME or Military Standards	QUOTE	---	---
Fillet Weld Test (Break and Etch Test)	\$255	---	---
Fillet Weld Test Plates	\$210	---	---
Ultrasonic Testing of Weld Coupons	\$225	---	---
Witness time, If Required (Hourly)	\$155	---	---
<b>ASPHALT CONCRETE:</b>			
<b>EACH</b>			
Asphalt Mix Design	Quote	Marshall & Hveem	---
Asphalt Mix Design Review (Hourly)	\$175	---	---
Bitumen Content	\$210	D 2172	---
Compacted Max Density - HVEEM	\$315	D 1561	---
Compacted Max Density - Marshall	\$295	D 1561	---
Extraction, % Asphalt (Including gradation)	\$285	D-6307 & C-136	CTM 310 & 382
Field Mix-HVEEM-Stability per Point	\$165	D 1560	---
Field Mix-MARSHALL-Stability per Point	\$200	D 1559	---
Film Stripping	\$140	---	CTM 302
Hveem Stability & Unit Weight	\$365	D 1560 & D 1561	CTM 304, 308 & 366
Marshall Stability, Flow & Unit Weight ( Three Specimens)	\$445	D 1559 & D 2726	---
Maximum Theoretical Unit Weight (Rice Specific Gravity)	\$245	D 2041	---
Percent Swell	\$155	---	CTM 305
Preparation of Bituminous Mixture (Hourly)	\$100	---	CTM 304
Stabilometer Value of Bituminous Mixture	\$310	---	CTM 366
Unit Weight Compacted Sample or Core (Bulk Specific Gravity)	\$145	D 2726	CTM 308
Unit Weight Sample Requiring Compaction	\$245	D 2726	CTM 304 & 308
Tensile Strength Ratio (TSR)	\$725	AASHTO T 283	---
<b>ROOFING:</b>			
<b>EACH</b>			
Asbestos Evaluation (per ply)	\$155	---	---
Asphalt Softening Point	\$180	---	---
Roofing Material Analysis, With Surfacing	\$710	D 2829	---
Roofing Material Analysis, Without Surfacing	\$625	D 3617	---
Roofing Tile, Absorption (set of 5)	\$510	---	---
Roofing Tile, Strength Test (set of 5)	\$595	---	---

**Testing Samples:** A preparation charge will be added to all samples submitted to the laboratory that are not ready for testing. This preparation charge will be based on the actual time required and at the laboratory technician's rate of \$95.00 per hour. There will be a 50% premium charge for "RUSH/PRIORITY" testing. This testing laboratory agrees to exercise reasonable care in obtaining, preserving, and caring, for the samples to be tested, but assumes no responsibility for damages, either direct or consequential, which arise or are alleged to arise from loss, damage or destruction of samples due to circumstances beyond this testing laboratory's control. Samples are discarded after testing unless requested otherwise in writing by the client. A per month fee is charged for retained samples.

**On-Site Mobile Laboratory:**

QUOTE

**Per Diem and Travel Expenses:**

Min. \$ 125.00 per day or Actual cost + 15% (which ever is higher)

**Scheduling:**

A minimum of 48 hours notice is required to schedule personnel.

**Basis of Charges:**

Work from 0 to 4 Hours:	4-Hour Minimum Billing
Work from 4 to 6 Hours:	6-Hour Minimum Billing
Work from 4 to 8 Hours:	8-Hour Minimum Billing
Short Notice Cancellation:	2-Hour Minimum Billing
Services requiring necessary equipment that requires special storage (i.e Nuclear Gauge etc)	Portal to Portal Billing
Swing/Graveyard Shift:	15% Premium
Travel:	\$60.00/trip
Reimbursables:	Cost plus 20%

**Overtime Rates:**

Rates are based on an 8-hour work day between the hours of 7:00 A.M. and 3:00 P.M., M-F. A premium of 1.5 times the quoted rates for the first 8 hours and 2.0 times thereafter will be charged for work outside of normal hours. Saturdays will be invoiced at 1.5 times the quoted rate for the first 8 hours and 2.0 times thereafter. Work on Sundays and holidays will be invoiced at 2.0 times the quoted rate.



## Mountain House - On Call Testing Services (2021)

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### CTE CAL, Inc.

INSPECTION & TESTING • GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION ENGINEERING

SACRAMENTO • FREMONT • MODESTO

E-Mail: robert.moore@ctecal.com

**The following are CTE Inc. holidays:**

New Year's Day	Labor Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

Should a Holiday fall on a Saturday or Sunday the closest previous or following regular work day shall be considered the holiday.

**Mileage:**

Mileage will be charged at \$0.65 per mile for services portal-to-portal from the closest office.

**Payment Terms:**

Payment for services is due upon presentation. If not paid within 30 days of the invoice date, it will be considered past-due and a finance charge of 1 1/2% per month will be added to the unpaid balance. Additionally, any attorney's fees or other costs incurred in collecting any delinquent accounts will be added to the amounts due and shall be paid by the party invoiced.

**The Fee Schedule contains only the basic services performed by this office and is not a complete listing. Please do not hesitate to call for a quotation or proposal if your service needs are not listed herein. Rates are only valid for the year of the schedule, and may change with PW determinations.**



West Coast Code Consultants, Inc.

## SCHEDULE OF HOURLY BILLING RATES

CLASSIFICATION	HOURLY RATE
Principal Engineer	\$240.00 / Hour
Project Manager	\$200.00 / Hour
Senior Civil Engineer	\$190.00 / Hour
Land Surveyor	\$190.00 / Hour
Associate Civil Engineer	\$165.00 / Hour
Assistant Civil Engineer / Plan Reviewer	\$155.00 / Hour
Senior Structural Engineer	\$190.00 / Hour
Structural Engineer	\$180.00 / Hour
Senior Plan Review Engineer	\$165.00 / Hour
Plan Review Engineer	\$150.00 / Hour
Plan Reviewer	\$135.00 / Hour
Senior Electrical Engineer	\$190.00 / Hour
Assistant Engineer / Plan Reviewer	\$155.00 / Hour
Administrative Assistant	\$85 / Hour
REIMBURSABLE EXPENSES	AT COST
MILEAGE EXPENSES	IRS STANDARD RATE

### Miscellaneous:

*Proposed Hourly Rates are for Fiscal Year 2021/2022. Cost for mileage will be at the Federal Rate in effect and will be for the use of personal automobiles within the MHCS D limits. Reimbursable expenses will be pre-approved prior to expenditure and are not to exceed the contract amount.*



## ***AMG Billing Rate Table 2021***

<b><i>Title</i></b>	<b><i>Hourly Billing Rate Range</i></b>
Associate Engineer	160.00 - 185.00
Communications Marketing Manager	145.00 - 155.00
Engineering Technician	100.00 - 120.00
President	300.00
Principal	230.00 - 270.00
Project Administrator	100.00 - 130.00
Project Controls Manager	190.00 - 230.00
Project Controls Specialist	145.00 - 160.00
Project Coordinator	100.00 - 150.00
Project Manager	150.00 - 210.00
Senior Consultant	250.00 - 275.00
Senior Engineer	150.00 - 160.00
Senior Project Analyst	150.00 - 165.00
Smart Cities Specialist	135.00 - 150.00
Technology Manager	185.00 - 195.00
Transit Planner	150.00 - 165.00
Vice President	220.00 - 280.00

David J. Elliott & Associates

<i>Fee Schedule:</i>	Principal	\$225.00/hr.
	Architect	\$200.00/hr.
	Project Manager	\$180.00/hr.
	Technical I	\$125.00/hr.
	Technical II	\$ 95.00/hr.
	Technical III	\$ 75.00/hr.



**B. Professional On-Call Service’s rate sheet - Primary Inspector**

We propose the following rate sheet for inspector services through September 1<sup>st</sup>, 2021 through June 30<sup>th</sup>, 2022.

Item	Unit Cost
<b>Primary Inspector</b>	<b>\$70 per Hour</b>

**PRIMARY INSPECTOR RATE EXCLUDES:** Printing, reprographics, postage and courier services. Testing equipment rental (if needed), laboratory services. Sub consultants, specialists or additional labor (if needed). Please see provided rate schedule for additional services.

**C. Rate Schedule for Additional Services**

\*This rate schedule for BrightView Landscape Services is valid through June 30, 2022

**Hourly Rates for Additional Services**

Classification	Hourly Rate
Landscape Architect.....	\$205.00
Senior Designer .....	\$160.00
Horticulturist .....	\$155.00
Arborist .....	\$155.00
Designer .....	\$125.00
Assistant Designer .....	\$115.00
Draftsperson.....	\$98.00
Administrative Assistant.....	\$95.00
Irrigation auditor .....	\$95.00
Irrigation specialist .....	\$80.00

**Reimbursable Expenses**

Reimbursable Expenses are additional costs to the provided hourly rates:

Sub-Consultants.....	cost plus 15%
Printing and reprographics .....	cost plus 15%
Postage and courier service.....	cost plus 15%
Testing equipment rental.....	cost plus 15%
Laboratory testing .....	cost plus 15%



## Billing Rate Table - 2021

#	Role	Rate
1	Expert Testimony & Deposition	\$356
2	Senior Principal II	\$206
3	Senior Principal I	\$203
4	Principal II	\$184
5	Principal I	\$180
6	Senior Project Manager II	\$161
7	Senior Project Manager I	\$143
8	Senior Project Engineer II	\$128
9	Senior Project Engineer I	\$124
10	Project Engineer II	\$116
11	Project Engineer I	\$113
12	Senior Geologist II	\$116
13	Senior Geologist I	\$113
14	Geologist II	\$109
15	Geologist I	\$105
16	Senior Inspector II (Group 3)*	\$160
17	Senior Inspector I (Group 4)*	\$150
18	Inspector II (Group 3)*	\$155
19	Inspector I (Group 4)*	\$145
20	Senior Technical Writer II	\$86
21	Senior Technical Writer I	\$83
22	Technical Writer II	\$75
23	Technical Writer I	\$71
24	Senior Laboratory Tester II	\$105
25	Senior Laboratory Tester I	\$94
26	Senior CAD/GIS Technician II	\$105
27	Senior CAD/GIS Technician I	\$98
28	Laboratory Tester II	\$68
29	Laboratory Tester I	\$64
30	Senior Project Administrator II	\$79
31	Senior Project Administrator I	\$75
32	Project Administrator II	\$109
33	Project Administrator I	\$101
34	Senior Operations Administrator II	\$109
35	Senior Operations Administrator I	\$101
36	Operations Administrator II	\$90
37	Operations Administrator I	\$86
38	Senior Clerical Staff II	\$64
39	Senior Clerical Staff I	\$60
40	Clerical Staff II	\$56
41	Clerical Staff I	\$53

**Notes:**

\* Indicates Prevailing Wage Category

**SHR** = Safe Harbor Rate: Which means 110% for overhead rate and 10% for profit. For example: Direct Labor: \$50, Overhead: \$55, Profit: \$10.50. Therefore Billing Rate = \$115.50



**ACKNOWLEDGEMENT**

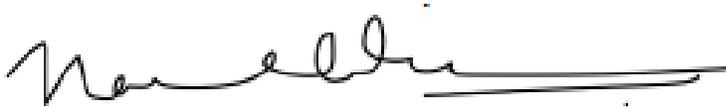
**Addendum 1**

**REQUEST FOR QUALIFICATIONS  
PROFESSIONAL CONSULTING SERVICES  
For Plan Checking,  
Construction Management & Inspection**

Please sign and date this acknowledgment and include in your SOQ.

FIRM: SNG & ASSOCIATES, INC.

DATE: 05/13/2021

A handwritten signature in black ink, appearing to read "N. S. S.", is written over a horizontal line.

**EXHIBIT B  
INSURANCE REQUIREMENTS**

- a) Required Coverage. Consultant shall maintain all required insurance listed herein for the duration of this Agreement.

<u>TYPE OF INSURANCE</u>	<u>MINIMUM LIMITS</u>
<p><b>Commercial General Liability</b> Premises Liability; Products and Completed Operations; Contractual Liability; Personal Injury and Advertising Liability</p>	<p>\$1,000,000 per occurrence; Bodily Injury and Property Damage \$2,000,00 in the aggregate; Commercial general coverage shall be at least as broad as Insurance Services Office Commercial General Liability occurrence form CG 0001 (most recent edition) covering comprehensive General Liability on an “occurrence” basis</p>
<p><b>Commercial or Business Automobile Liability</b> All owned vehicles, hired or leased vehicles, non-owned, borrowed and permissive uses. Personal Automobile Liability is acceptable for individual contractors with no transportation or hauling related activities</p>	<p>\$1,000,000 per occurrence; Any Auto; Bodily Injury and Property Damage. Automobile coverage shall be at least as broad as Insurance Services Office Automobile Liability form CA 0001 (most recent edition), Code 1 (any auto). No endorsement shall be attached limiting the coverage.</p>
<p><b>Workers’ Compensation (WC) and Employers Liability (EL)</b> Required for all contractors with employees</p>	<p>WC: Statutory Limits EL: \$100,000 per accident for bodily injury or disease. Consultant may rely on a self-insurance program to meet those requirements, but only if the program of self-insurance complies fully with the provisions of the California Labor Code. The insurer shall waive all rights of subrogation against MHCS D and its officers, officials, employees, and volunteers for loss arising from work performed under this Agreement</p>
<p><b>Professional Liability/Errors &amp; Omissions</b> Includes endorsements of contractual liability</p>	<p>\$1,000,000 per occurrence \$2,000,000 policy aggregate; Any deductible or self-insured retention shall not exceed \$150,000 per claim</p>

- b) Additional requirements. Each of the following shall be included in the insurance coverage or added as a certified endorsement to the policy:

- i) All required insurance shall be maintained during the entire term of the Agreement with the following exception: Insurance policies and coverage(s) written on a claims-made basis shall be maintained during the entire term of the Agreement and until three (3) years following termination and acceptance of all work provided under the Agreement,

with the retroactive date of said insurance (as may be applicable) concurrent with the commencement of activities pursuant to this Agreement

- ii) All insurance required above with the exception of Professional Liability, Personal Automobile Liability, Workers' Compensation and Employers Liability, shall be endorsed to name as additional insured: Mountain House Community Services District, its Board of Directors, and all MHCS D officers, agents, employees, volunteers and representatives.
- iii) For any claims related to this Agreement or the work hereunder, the Consultant's insurance covered shall be primary insurance as respects MHCS D, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by MHCS D, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
- iv) Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after 30 days' prior written notice has been provided to MHCS D.
- v) Certificates of Insurance: Before commencing operations under this Agreement, Consultant shall provide Certificate(s) of Insurance and applicable insurance endorsements, in form and satisfactory to MHCS D, evidencing that all required insurance coverage is in effect. MHCS D reserves the rights to require the Consultant to provide complete, certified copies of all required insurance policies.
- vi) Subcontractors: Consultant shall include all subcontractors as an insured (covered party) under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.
- vii) Claims-made limitations. The following provisions shall apply if the professional liability coverage is written on a claims-made form:
  - 1) The retroactive date of the policy must be shown and must be before the date of the Agreement.
  - 2) Insurance must be maintained and evidence of insurance must be provided for at least five years after completion of the Agreement or the work, so long as commercially available at reasonable rates.
  - 3) If coverage is canceled or not renewed and it is not replaced with another claims-made policy form with a retroactive date that precedes the date of this Agreement, Consultant must purchase an extended period coverage for a minimum of three (3) years after completion of work under this Agreement.
  - 4) A copy of the claim reporting requirements must be submitted to MHCS D for review prior to the commencement of any work under this Agreement.

c) All Policies Requirements.

- i) Acceptability of insurers. All insurance required by this section is to be placed with insurers with a Bests' rating of no less than A:VII. Insurance shall be maintained through an insurer with a minimum A.M. Best Rating of A- or better, with deductible amounts acceptable to MHCSD. Acceptance of Consultant's insurance by MHCSD shall not relieve or decrease the liability of Consultant hereunder. Any deductible or self-insured retention amount or other similar obligation under the policies shall be the sole responsibility of the Consultant.
- ii) Deductibles and Self-Insured Retentions. Consultant shall disclose to and obtain the written approval of MHCSD for the self-insured retentions and deductibles before beginning any of the services or work called for by any term of this Agreement. At the option of MHCSD, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects MHCSD, its officers, employees, and volunteers; or the Consultant shall provide a financial guarantee satisfactory to MHCSD guaranteeing payment of losses and related investigations, claim administration and defense expenses.
- iii) Wasting Policies. No policy required by this Section 4 shall include a "wasting" policy limit (i.e. limit that is eroded by the cost of defense).
- iv) Waiver of Subrogation. Consultant hereby agrees to waive subrogation which any insurer or contractor may require from vendor by virtue of the payment of any loss. Consultant agrees to obtain any endorsements that may be necessary to affect this waiver of subrogation. The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the entity for all work performed by the consultant, its employees, agents, and subcontractors.

d) Remedies. In addition to any other remedies MHCSD may have if Consultant fails to provide or maintain any insurance policies or policy endorsements to the extent and within the time herein required, MHCSD may, at its sole option exercise any of the following remedies, which are alternatives to other remedies MHCSD may have and are not the exclusive remedy for Consultant's breach:

- i) Obtain such insurance and deduct and retain the amount of the premiums for such insurance from any sums due under the Agreement;
- ii) Order Consultant to stop work under this Agreement or withhold any payment that becomes due to Consultant hereunder, or both stop work and withhold any payment, until Consultant demonstrates compliance with the requirements hereof; and/or
- iii) Terminate this Agreement.

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