



251 E. MAIN STREET, MOUNTAIN HOUSE, CA 95391
(209) 831-2300 • (209) 831-5610 FAX

CONSULTANT AGREEMENT

CONTRACT ID # A-2122-10

DATE: July 1, 2021

PARTIES:	MHCSD:	Mountain House Community Services District 251 E. Main Street Mountain House, CA 95391
	CONSULTANT:	West Coast Code Consultants, Inc. 5000 Executive Parkway, Suite 510 San Ramon, CA 94583

The Parties agree as follows:

1. Priority of Documents:

Each of the items listed below is hereby incorporated into this Agreement by this reference. In the event of an inconsistency in this Agreement, the inconsistency shall be resolved by giving precedence in the following order:

A. Applicable Federal and State of California statutes and regulations, this Agreement and its exhibits.

2. Scope of Professional Services:

Scope of Services for Plan Checking will be negotiated on a Task-Order basis. For each Task-Order, the CONSULTANT shall provide a scope, budget and schedule based on the Schedule of Billing Rates, included in the attached Statement of Qualification (Attachment A). The Community Development Director will approve the Task Orders. The CONSULTANT shall not do any work prior to the written approval of the Task-Order. The total amount of Task Orders shall not exceed the total contract value. There shall be no substitution of personnel without written approval of MHCSD.

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, 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.

West Coast Code Consultants, Inc.

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

DocuSigned by:
Giyān Senaratne
By: _____
C7DB6A0CF6F84C6...
Consultant
Giyān Senaratne

DocuSigned by:
Steve Pinkerton
By: _____
4DAB8C075F124D8...
Steven J. Pinkerton
General Manager

Date: 5/28/2021

Approved as to Form:

DocuSigned by:
John Bakker
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 MHCSD 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.



Anush Nejad, PE
Community Development
Director | Mountain House
Community Services District
(209) 831-2300 | anejad@sjgov.org

REQUEST FOR QUALIFICATIONS

Submitted by: Thursday, May 13, 2021, 3 pm

Professional Services for Plan Checking

MOUNTAIN HOUSE COMMUNITY SERVICES DISTRICT

West Coast Code Consultants, Inc.
5000 Executive Parkway, Suite 510
San Ramon, CA 94583

CALIFORNIA | UTAH | WASHINGTON | NEVADA | IDAHO

Photo Credit: PercWater.com - Mountain House Water Recycling Facility

Teaming with Your Community to Make a Difference

CONTACT INFO:

Maurice Kaufman, PE, LS
Civil Division Manager
C: (925) 548-2648
E: mauricek@wc-3.com

www.WC-3.com



West Coast Code Consultants, Inc.



West Coast Code Consultants, Inc.

May 13, 2021

Anush Nejad, PE
Community Development Director
Mountain House Community Services District
251 E. Main Street
Mountain House, CA 95391

RE: Request for Qualifications - Professional Services for Plan Checking

Dear Mr. Nejad:

West Coast Code Consultants, Inc. (WC³) is pleased to present this proposal to the Mountain House Community Services District (MHCS D) for Plan Checking Services related to Development Projects in Mountain House.

For over 15 years, WC³ has cultivated a strong reputation for providing reliable support and excellent service to government entities across the West Coast. Our team is comprised of licensed professional engineers, land surveyors, and landscape architects, ICC certified building officials, access specialists, plans examiners, building inspectors, permit technicians and other professionals. Our long-standing experience of working on various architectural, structural, mechanical, electrical, plumbing, fire and energy projects has provided WC³ with unparalleled knowledge of the provisions outlined in local codes and ordinances, State Codes, Federal Codes and Standards. Our combined experience, knowledge and customer service is key to our performance and we are confident WC³ is fully capable of meeting the needs of MHCS D.

Work associated with this project will be undertaken within WC³'s Oakland and San Ramon offices, less than an hour's drive from the community of Mountain House. For this project, we propose to work with the same third party consultants as our current on-call agreement with MHCS D to aid WC³'s team regarding traffic engineering, landscape architecture, and cathodic protection projects. Our Civil Division Manager, Maurice Kaufman has teamed with Aliquot Associates (traffic engineering) and NCE (landscape architecture) on previous projects, and V&A Consulting Engineers (cathodic protection) came highly recommended to our firm. We anticipate that our combination of service will flawlessly support the goals of MHCS D. Neither firm anticipates or has a conflict of interest with this project.

Over the past year, WC³ has been providing MHCS D with plan review services through our Civil Division as well as code compliance and inspection services on projects through our Building Division. We have thoroughly enjoyed fulfilling these roles and look forward to the opportunity of continuing our service. We are confident in our ability to serve your District and deliver professional, thorough service with our experienced teams.

If you have any questions or require further information, please feel free to contact myself, or our Project Manager, Maurice Kaufman, PE, LS. Maurice can be reached at (925) 548-2648 or MauriceK@WC-3.com at anytime..

Sincerely,

Giyan Senaratne, PE, SE, LEED AP, CASp
Principal / CEO | giyan@wc-3.com | (925) 275-1700

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CELL: (925) 548-2648 | **EMAIL:** mauricek@wc-3.com
1144 65th Street, Oakland, CA 94608 | www.WC-3.com

Qualifications



Photo Credit: PercWater.com - Mountain House Water Recycling Facility



Qualifications

Firm Overview

West Coast Code Consultants, Inc. (WC³) is a code consulting firm, specializing in comprehensive plan review, inspection and staff augmentation services for municipalities, jurisdictions and government entities. Founded by Giyan Senaratne in 2006, WC³ has experienced steady growth over the past 15 years and evolved from a small central team in California to an industry leader throughout the western United States. WC³ serves clients with over 125 employees from 12 regional and satellite offices located in six states, including: San Ramon, CA; Oakland, CA; South San Francisco, CA; Fairfield, CA; Irvine, CA; Layton, UT; Sandy, UT; Lynnwood, WA; Sparks, NV; Henderson, NV; Meridian, ID and Frederick, MD. If selected, our Oakland, CA, office will primarily serve this contract with Maurice Kaufman, PE, LS, serving as Project Manager. Employees from other offices may assist as needed.

Civil Division Manager / Project Manager

Maurice Kaufman, PE, LS
 1144 65th Street | Oakland, CA 94608
 C: (925) 548-2648 | MauriceK@WC-3.com

Founded
 2006

Staff
 125+

Current Clients
 300+

Corporate Office

5000 Executive Parkway, Suite 510
 San Ramon, CA 94583

P: (925) 275-1700 | F: (925) 275-0600

Recognition & Accomplishments

- ICC Preferred Education Provider (#1129)
- AIA Education Provider (#-38839994)
- 2019 & 2015 ICC Chapter Education Awards
- 2019 ICC Chapter Permit Tech of the Year
- 2018 & 2021 IBC Handbook Co-Author
- 2018 IEBC Handbook Author
- 2018 IRC Plan Review Course Developer
- 2018 IBC Structural/Non-Structural Plan Review Course Developer
- 2014 & 2010 ICC Industry Awards for Excellence



COMMUNICATION

Good communication is a top priority in providing good service. WC³ staff members assigned to MHCS D projects will be responsive and easy to contact by email and/or phone.



ON-TIME PLAN REVIEW

Our qualified team performs a variety of timely plan reviews, including:

- Residential Developments
- Commercial Occupancies
- Tenant Improvements
- Institutional Facilities
- Essential Service Buildings
- Medical Labs & Facilities
- Public Works & More



QUALIFIED

WC³ has been providing plan review services and more for over a decade. Each team member working on MHCS D projects has obtained all requisite certifications and licensing.



Highlights



Project Approach, Experience & Areas of Expertise



Photo Credit: PercWater.com - Mountain House Water Recycling Facility



Organization Chart



Principal / CEO

Giyvan Senaratne, PE, SE, LEED AP, CASp
West Coast Code Consultants, Inc.

Principal Project Manager

Maurice Kaufman, PE, LS, Civil Division Manager
West Coast Code Consultants, Inc.

CIVIL

West Coast Code Consultants, Inc.

Maurice Kaufman, PE, LS
Civil Division Manager
Donald Zhao, PE, MCP, CBO
Vice President
Senior Plan Review Engineer
Eric Schneiderjohn, PE, MS
Regional Manager
Senior Civil Engineer

Anthony Schaffer
Plan Reviewer
Andrea Arrojado
Plan Reviewer

Aliquot Associates
Special Project
Civil Support as Needed

Robert Wong, PE, QSD, QSP
Principal / CEO / QA, QC
Project Lead

Project Engineers
Mason Chin, CE
Adam Xu, CE
Kevin Cheung, CE

STRUCTURAL / ELECTRICAL

West Coast Code Consultants, Inc.

Structural
Giyvan Senaratne, PE, SE, LEED AP
Principal / CEO / QA, QC
Keyvan Irannejad, PE, CBO
Senior Civil Engineer
Building & Safety Official
Keith Ma, PE, SE
Senior Structural Engineer
Curt Hume, PE, SE
Senior Structural Engineer

Greg Mason, PE
Senior Civil Engineer

Electrical, Streetlight Design & Photometric Analysis

Toby Johnson, PE
Electrical Plan Review Engineer

Doug Smith, MCP, CBO
Plan Reviewer

Aliquot Associates
Streetlight Design & Photometric
Analysis Support as Needed

Robert Wong, PE, QSD, QSP
Principal / CEO / QA, QC

Gordon Lum, TE
Project Lead / Traffic Engineer
Steve Au, CE
Traffic Engineer / Civil Engineer

TRAFFIC

Aliquot Associates

Robert Wong, PE, QSD, QSP
Principal / CEO / QA, QC

Gordon Lum, TE
Traffic Engineer
Project Lead

Steve Au, CE
Traffic Engineer / Civil Engineer

LANDSCAPE ARCHITECTURE

NCE

Matthew Gaber, PLA
Principal / Landscape Architect
Project Lead

Bryan Cantwell
Sr. Landscape Architect

CATHODIC PROTECTION

V&A Consulting Engineers, Inc.

Glenn Willson, PE
Principal-in-Charge
Chelsea Teall, PE, CP4
Project Manager
Mathew H. Snow, EIT, CP4
Associate Engineer

Experience & Areas of Expertise

**PUBLIC WORKS ENGINEERING | BUILDING & SAFETY | FIRE PREVENTION
ENERGY & POWER | WC³ ACADEMY | ePROCESS360**

West Coast Code Consultants, Inc. (WC³) has been serving local jurisdictions with complete plan review, inspection, staff augmentation and additional comprehensive services for 14 years. The company was founded on a commitment to supporting municipalities with exceptional service, code expertise and creative problem solving. The same guiding philosophy continues to serve our clients to this day and WC³ continues to thrive with the ability to adapt to each client's needs. Whether it's a 40-story high rise, or a complex mixed-use commercial occupancy, we've assisted coastal and inland cities throughout California with all types of projects—both large and small. Our team consists of highly qualified professionals with experience serving multiple jurisdictions in the San Francisco/Peninsula area. WC³ is very familiar with the surrounding locale and has the ability to meet the Mountain House Community Service District's individual needs.

When in-house teams are understaffed, require specific expertise on complex projects, or feel overwhelmed with a long list of plan reviews, WC³ is available to handle all technical aspects or project overflow for your community. We serve in matters to help fulfill obligations and can join in on phone calls or meetings with city officials, employees or applicants. In many instances, our employees have served jurisdictions in a variety of roles, including administrative support, permit technicians, construction management and as the Chief Building Official. We strive for complete client satisfaction and our remarkable employees are always ready to assist.

WC³ is recognized as an industry leader with a team who maintains a high level of skill and experience. Our employees are continually challenged to enhance their education and pursue relevant certifications. This combination of experience, knowledge and customer service is the key to our success and helps us provide the highest quality of service possible.

**Complete Plan Reviews
Geotechnical Reviews
Energy Compliance
Code Compliance
Subdivision Map Reviews**

**Hydraulic Study and C3 Reviews
Code Enforcement
Public Works Inspectors
Building/Field Inspection
Staff Augmentation**

**Building Official Services
Administrative Services
Code Training/Education
Online Permitting Solutions
Project Management**



OUR TEAM

The WC³ team is comprised of highly qualified...

Land Surveyors

Civil Engineers

Structural Engineers

Electrical Engineers

Mechanical Engineers

Fire Protection Engineers

Certified Fire Marshals

Certified Building Officials

Certified Access Specialists (CASp)

Certified Plans Examiners

Certified Building Inspectors

Certified Public Works Inspectors

Certified Fire Inspectors

Certified Permit Technicians

Experience & Areas of Expertise

(Continued)

Aliquot - Sub-Consultant for Traffic & Special Civil Engineering Projects



Aliquot Associates (Aliquot) is a DBE certified firm specializing in civil engineering, traffic engineering, and land surveying. Its engineers design forward-thinking transportation solutions to improve traffic flow, safety, and accessibility as well as developing smarter parking and land use strategies. Aliquot provides a full range of transportation engineering services including preparing requirements, plans, specifications, and estimates for traffic signals, roadway improvements, bicycle and pedestrian paths, and more. They have performed countless traffic and parking studies to assist clients in determining economic feasibility and the potential impact of a project on the surrounding roadway network.

Aliquot's team is highly experienced with all aspects of traffic calming including planning, analysis, and evaluation, as well as the implementation of trial pilot projects using temporary traffic controls. They have experience with large-scale parking projects including parking duration studies for downtown areas, residential permit parking implementation, and parking occupancy studies for individual land uses (hospitals, business parks, and residential complexes). Aliquot team members have also spoken and presented at public hearings and community meetings to assist with securing municipal approval and address public concerns.

Gordon Lum, who will serve as Project Manager, has been extensively involved in municipal traffic engineering; he has been employed by the Cities of Oakland, San Leandro, and Stockton, and has served as On-call staff for the Cities of Berkeley, Compton, Dublin, San Leandro, San Pablo, and Mountain View, and the Counties of Fresno and San Joaquin. As an example of Gordon's valuable input, he coordinated with the City of Oakland's staff, Caltrans, and the consulting team to minimize a right-of-way take along High Street and Interstate-880. His cost-effective proposal led to changes in the lane geometry and signal installations that ultimately saved the City hundreds of thousands of dollars.

Gordon's experience includes the following areas: reducing collisions, conducting speed surveys, relieving congestion, making presentations, developing signal timing parameters, implementing work orders, preparing staff reports, approving traffic control plans, coordinating with Caltrans, establishing conditions of approvals, reviewing PS&E for signals, developing traffic calming programs, and obtaining grant funding (i.e., ATP, CMAQ, and HSIP). He has recommended signal timing changes (splits, offsets, volume density, time of day, etc.) on controller sheets to improve operations, signal coordination, and safety for vehicles, transit, pedestrians, and bicyclists.

At Aliquot, they know that transportation needs, systems, and challenges are continually evolving, and the firm stays current on industry best practices. They have proven success collaborating with numerous Bay Area cities and counties—helping guide both short-term and long-term planning strategies and designing solutions to complex transportation and infrastructure challenges.

Experience & Areas of Expertise

(Continued)

NCE - Sub-Consultant for Landscape Architecture Projects



NCE is a client-focused landscape architecture, civil engineering, science, and planning firm with offices throughout California and Nevada with over 100 employees. All work associated with the Mountain House On-Call will be undertaken within our Oakland office, less than an hour's drive from the community of Mountain House.

Unique from other multi-disciplinary firms, NCE has specialized in public work, client service, scientific research, and landscape architecture since 1990. Our clients continuously work with NCE staff because of our technical expertise, collaborative work style, commitment to a project and design passion. NCE has distinguished itself by the ability to complete projects on time and budget with high-quality work products, innovative solutions and thoughtful designs based on a client's needs and preferences.

The Mountain House Community Services District can expect work products tailored to each specific project. Based on NCE's landscape architects and planners extensive experience in preparing and reviewing construction documents, specifications and construction cost estimates for a wide range of public and private landscapes, we know how to scope each project, develop realistic budgets and review plans for technical precision, compliance with regulations, adherence to community standards and design guidelines.

NCE provides following the core capabilities and services their our clients:

- **Landscape Architecture**
- **Institutional and Commercial Site Planning**
- **Community Master Plans**
- **ADA Compliance and Review**
- **Design Review**
- **Multi-Use Trails**
- **Environmental Studies**
- **Green Infrastructure**
- **Regulatory Compliance and Permitting**
- **Sustainable Design/Low Impact Development**
- **Construction Documents (PS&E)**
- **Community Outreach and Engagement**
- **Botanical Surveys and Vegetation Mapping**

PREVIOUS EXPERIENCE WORKING WITH MOUNTAIN HOUSE

NCE Principal Matthew Gaber has direct experience with Mountain House, he was actively involved with the visioning of Mountain House, leading the master planning process for the entire 5000-acre community. Matthew also envisioned and authored the Mountain House Design Guidelines giving him in-depth knowledge and insight into the vision for Mountain House and its landscape. As the community was built, Matthew also participated in the design and consistency review for compliance with the design guidelines for the first street-scape and subdivision maps in Mountain House.

Experience & Areas of Expertise

(Continued)

V&A Consulting Engineers - Sub-Consultant for Cathodic Protection Projects



V&A Consulting Engineers, Inc. (V&A) is a consulting firm founded upon corrosion engineering as a core discipline by Jose Villalobos in May of 1979. V&A has over 41 years of experience in corrosion engineering, including cathodic protection (CP), and specializing in evaluating, rehabilitating, and preserving municipal infrastructure. Our firm assists clients in evaluating and extending the remaining useful life of aging infrastructure, primarily in the water, wastewater, and transit industries. V&A is made up of professionals passionate and dedicated to this practice and have the necessary experience and breadth of resources to provide our clients with corrosion engineering and condition assessment services.

Corrosion Engineering has earned V&A a national reputation as a company providing comprehensive and specialized services to assist owners in assessing and maintaining infrastructure assets. We provide the information you need to make smart decisions based on the data we collect.

Because of our varied staff experience, V&A has the resources in both staff and equipment to meet the demand for services on this contract. These resources allow our staff members to work within our multiple office locations and are available to locate from one to another for the duration of a project.

V&A employs 35 staff members across four offices: Oakland, CA (20; corporate headquarters), San Diego, CA (8), Houston, TX (6), and Lakewood Ranch, FL (1). V&A has three additional satellite offices in San Antonio, TX, Las Vegas, NV, and West Palm Beach, FL.

V&A Consulting Engineers provides professional engineering services for municipal water and wastewater projects such as:

- Corrosion Engineering
- Condition Assessment
- Flow Monitoring
- Coating System Management
- Odor Control

PREVIOUS EXPERIENCE WORKING WITH MOUNTAIN HOUSE

On-Call Corrosion Engineering Services in the 2019-2020 Fiscal Year. V&A reviewed and suggested updates for Mountain House Community Services District's (MHCS D) standard cathodic protection details and specifications. V&A performed a peer review of cathodic protection design, drawings, and specifications for multiple development projects within MHCS D. V&A verified whether the system met the design life and constructibility requirements. The results of the review were presented in a letter report for each development project. This on-call contract has been reissued to V&A annually from 2015 to the present.

Reference: MHCS D, Devon Crowe, 209.831.2300, dcrowe@sjgov.org

Past Project Experience

(Continued)

CLIENT / DATES	PROJECT DESCRIPTION	INDIVIDUALS & RESPONSIBILITIES
<p>Mountain House Community Services District 2019 to Present Anush Nejad, Community Development Director (209) 362-0876 anejad@sjgov.org</p>	<p>On-Call Plan Review Services: Scope of Work includes Plan Review Services for private development projects for all phases of the development project. Projects to date include the review of the Langston II Development consisting of a 171 residential lot subdivision. Reviews included the Tentative Map, Stormwater Hydrology Study, and improvement plans for site grading, new private street improvements, retaining walls, wet and dry utilities, street lighting and cathodic protection. Projects also included the review of landscape plans for the Delta College Water Tank Landscape Area.</p>	<p>Maurice Kaufman, PE, LS Project Manager Anthony Schaffer Civil Plan Review Andrea Arrojado Civil Plan Review</p>
<p>City of San Bruno 11/2018 to Present Hae Won Ritchie, PE City Engineer / Deputy Director of Public Works (650) 616-7067 hritchie@sanbruno.ca.gov</p>	<p>On-Call Agreement to Perform Development Review including the Technical Review of Survey Documents: Scope of Work includes providing Staff Augmentation for performing Public Works Engineering reviews for improvement plans for single family resident projects and multi-family home developments. Projects to date include the review of various CC&R documents, plat and legal descriptions for easement dedications and subdivision maps.</p>	<p>Maurice Kaufman, PE, LS Project Manager Anthony Schaffer and Andrea Arrojado, Civil Plan Review</p>
<p>City of South San Francisco 09/2018 to Present Jason Hallare Sr. Engineer (650) 829-6667 jason.hallare@ssf.net</p>	<p>988 El Camino: A new 8-Story 172-Unit Residential/Commercial Building on a 1.6 Acre Site. Scope of Work included the review of a Parcel Map, the review of Public Improvement Plans including the relocation of a sanitary sewer trunk line, joint trench plans, new curb, gutter, and sidewalks, C3 Stormwater LID measures, sidewalk curb extensions, street overlay, traffic signal modifications, signing and striping plans. WC3 Staff is also performing Public Works Inspections for this project.</p>	<p>Maurice Kaufman, PE, LS Project Manager, Map Review, QAQC for Civil Plan Review Eric Schneiderjohn, C3 Plan Review Anthony Schaffer, Civil Plan Review Panfilo Armas, Public Works Inspections</p>
<p>City of South San Francisco 05/2019 to Present Jason Hallare Sr. Engineer (650) 829-6667 jason.hallare@ssf.net</p>	<p>Gateway of the Pacific Bio Med Office Buildings, Phases 2 and 3: Scope of Work included the review of various Lot Line Adjustment Applications, the review of plans for on-site grading, drainage, C3 Stormwater LID measures, street improvements and pedestrian walkways.</p>	<p>Maurice Kaufman, PE, LS Project Manager, Map Review, QAQC for Civil Plan Review Eric Schneiderjohn, C3 Plan Review Panfilo Armas Civil Plan Review Zabihullah Sarafaraz, Civil Plan Review Andrea Arrojado, Lot Line Adjustment Review</p>
<p>City of South San Francisco 10/2018 to 01/2019 Mathew Ruble Principal Engineer (650) 829-6671 matthew.ruble@ssf.net</p>	<p>Oyster Point Specific Plan Phase 1: Construction of 500,000 sf of office/research buildings with associated parking on 10 acres. Scope of Work included the review of Rough Grading and Erosion Control Plans for the relocation and construction of Oyster Point Boulevard, Civil Engineering plan review for site improvements including grading, drainage, C3 Stormwater LID measures, sanitary sewers, joint trench, lighting, sidewalks, landscaping, and private street.</p>	<p>Donald Zhao, PE, MCP, CBO Project Manager Eric Schneiderjohn, C3 Plan Review Anthony Schaffer, Civil Plan Review</p>
<p>City of South San Francisco 08/2019 to Present Ray Towne, PE, RA (650) 877-8550 ray.towne@ssf.net</p>	<p>Oyster Point Precise Plan Phase 2, 3, 4: A 60-Acre Redevelopment of underutilized Bay Front land into a sustainable mixed-used development with 1.8M sf of commercial buildings and parking garages for 5,000 vehicles. Scope of Work included the review of Traffic Studies, a Sanitary Sewer Evaluation and Storm Drain Study and the development of Public Works Conditions of Approval.</p>	<p>Maurice Kaufman, PE, LS Performed all tasks</p>

Past Project Experience

(Continued)

CLIENT / DATES	PROJECT DESCRIPTION	INDIVIDUALS & RESPONSIBILITIES
<p>City of South San Francisco 11/2018 to Present Jason Hallare Sr. Engineer (650) 829-6667 jason.hallare@ssf.net</p>	<p>Oakmont Meadows: A 5-Acre Subdivision creating 22 Residential Townhouses. Scope of Work included the Development of Public Works Conditions of Approval for the Tentative Map, Review of the Final Map, review of improvement plans for site grading, private storm drains, sanitary sewers, streets, streetlighting, C3 Stormwater LID measures, Joint Trench, and public street and sidewalk improvements.</p>	<p>Maurice Kaufman, PE, LS Project Manager, Map Review, QAQC for Civil Plan Review Eric Schneiderjohn, C3 Plan Review Zabihullah Sarfaraz, Civil Plan Review</p>
<p>City of South San Francisco 08/2018 to Present Jason Hallare Sr. Engineer (650) 829-6667 jason.hallare@ssf.net</p>	<p>150 Airport Boulevard: A 157-unit residential apartment over two levels of parking. Scope of Work included the review of a Lot Merger Application, and the review of improvement plans for a lift station for site drainage, joint trench, street lights, retaining walls. WC³ is also providing Public Works Inspections for this project.</p>	<p>Maurice Kaufman, PE, LS Project Manager, Map Review, QAQC for Civil Plan Review Anthony Schaffer, Civil Plan Review Zabihullah Sarfaraz, Public Works Inspections</p>
<p>City of South San Francisco 07/2018 to Present Mathew Ruble Principal Engineer (650) 829-6671 matthew.ruble@ssf.net</p>	<p>200 Linden Street: A 97-unit Residential Condominium project over a concrete podium with 3 levels of parking and ground floor retail. Scope of Work included the review of all Civil Improvement plans for the project frontage curb, gutter, sidewalk, utility undergrounding, storm drainage, C3 Stormwater LID measures, sanitary sewers, and street pavement rehabilitation. WC³ staff is also performing Public Works Inspections for this project.</p>	<p>Maurice Kaufman, PE, LS Project Manager, QAQC for Civil Plan Review Donald Zhao, Structural Plan Review Eric Schneiderjohn, C3 Plan Review Anthony Schaffer, Civil Plan Review Panfilo Armas, Public Works Inspections</p>
<p>City of South San Francisco 04/2018 to Present Jason Hallare Sr. Engineer (650) 829-6667 jason.hallare@ssf.net</p>	<p>Centennial Village: A redevelopment of an existing shopping center with new commercial buildings. Scope of Work included review of on-site improvement plans for grading, drainage, C3 Stormwater LID measures, new Public Curb, gutter and sidewalks, a relocated Public sanitary sewer, public street paving, signing and striping plans.</p>	<p>Maurice Kaufman, PE, LS Project Manager, QAQC - Civil Plan Review Donald Zhao, Plan Review Eric Schneiderjohn, C3 Plan Review Panfilo Armas and Anthony Schaffer, Civil Plan Review</p>
<p>City of South San Francisco 07/2019 to 10/2019 Jason Hallare Sr. Engineer (650) 829-6667 jason.hallare@ssf.net</p>	<p>499 Forbes: A 3-Acre Redevelopment of an industrial site to include a 127,000 sf commercial building, parking garage for 267 vehicles, and a rail to trails segment on former UPRR railroad project. Scope of work included the review of traffic study, the review of title documents, and the development of Conditions of Approval.</p>	<p>Maurice Kaufman, PE, LS Project Manager, QAQC - Civil Plan Review Andrea Arrojado, Civil Plan Review and Develop Conditions of Approval</p>
<p>City of South San Francisco 04/2019 to Present Jason Hallare Sr. Engineer (650) 829-6667 jason.hallare@ssf.net</p>	<p>Various Cell Site Telecommunications Improvements: Scope of Work includes the review of Improvement Plans submitted for Encroachment Permit by the Telecommunications Companies, developing Special Conditions of Approval to be issued with the Encroachment Permits, and performing Public Works Inspections during construction.</p>	<p>Maurice Kaufman, PE, LS Project Manager, QAQC - Civil Plan Review Dante Romero, Civil Plan Review Dante Romero and Panfilo Armas, Public Works Inspections</p>

Past Project Experience

(Continued)

CLIENT / DATES	PROJECT DESCRIPTION	INDIVIDUALS & RESPONSIBILITIES
<p>City of Emeryville 06/2018 to 09/2018 Mike Roberts Sr. Civil Engineer (510) 596-4333 mroberts@emeryville.org</p>	<p>Sherwin Williams Development: Scope of Work included a full review of the Geotechnical Report, Traffic Impact Analysis, Sewer Capacity Study, and Hydraulics, as well as a review of improvement plans for two new streets including green infrastructure/C3 stormwater treatment measures, sanitary sewer, storm drain, street lights, signing and striping plans.</p>	<p>Giyen Senaratne, PE, SE, LEED AP, CASp Project Manager Eric Schneiderjohn, C3 Plan Review Anthony Schaffer, Civil Plan Review WC³ Team Members Building Plan Review</p>
<p>City of Dublin 2011 to Present Gregory Shreeve, CBO (925) 835-6628 gregory.shreeve@dublin.ca.gov</p>	<p>The Boulevard Master-Planned Community Development with 15-Themed Neighborhoods: Scope of Work encompasses the performance of all submitted plan reviews over a span of time to develop a new comprehensive, contemporary community for Dublin residents. The development incorporates 15 themed neighborhood parks and a future community park of 31 acres. Each unique neighborhood varies from town homes to attached condos, flats and penthouses, as well as single family detached home development. Homes are offered up to 3,480 sq. ft. with 5 bedrooms and four baths.</p>	<p>Giyen Senaratne, PE, SE, LEED AP, CASp Project Manager Curt Hume and Additional WC³ Team Members</p>
<p>City of Cupertino 2010 to 2015 Albert Salvador, CBO Assistant Director / Chief Building Official (408) 777-3206 alberts@cupertino.org</p>	<p>The Apple Campus 2 Project: Scope of Work covered a 175-acre site with a central building consisting of four above-grade stories and three below-grade levels. The central building is more than 1-mile in circumference and provides 2.8 million square feet of office, research and development space. The central building also houses more than 12,000 employees. In addition to the central building, the campus also has over 600,000 square feet of other research facilities, a visitor's center, the Steve Job's theater (an underground 1,000 seat auditorium), a 100,000 square foot wellness center, and a separate parking facility. WC³ provided the architectural and structural plan review for this project. Over 5+ years of construction, WC³ assisted with all aspects of plan review, including original review, documents control and review of changes during construction. All projects were delivered on time, within scheduled time frames and within budget parameters.</p>	<p>Giyen Senaratne, PE, SE, LEED AP, CASp Project Manager Various WC³ Team Members Structural Plan Review Mechanical Plan Review Electrical Plan Review Plumbing Plan Review</p>



Project Management & Approach

WC³'s plan review is recognized throughout the industry due to the commitment of our staff and our trademark attention to detail. Our skill in implementing jurisdictional requirements sets us apart from industry competitors. As one of the keys to our success, WC³ follows a collaborative, team-based plan review philosophy. Because of our current and past experience working with MHCS D, we are familiar with the community and MHCS D's processes. Our staff has the knowledge to continue these processes that have been implemented as a pre-qualified consultant for the Code Compliance and Inspection Services for Phase 3 of the Water Treatment Plant Expansion project.

WC³ will follow standard procedure for various plan review services as follows:

PROJECT MANAGEMENT

- Maurice Kaufman will serve as MHCS D's single point of contact on the contract.
- Mr. Kaufman will have primary responsibility for managing and coordinating all task order efforts and activities with the project team and other sub-consultants.
- Specific project management tasks to be conducted will include monthly budgeting, invoicing, filing, scheduling, sub-consultant invoicing and general project administration.

PLAN REVIEW

- Utilize review checklists to ensure all Code and MHCS D Standards and requirements are met.
- Follow a concise comment structure to allow easy comprehension.
- Engage with applicants to resolve confusion and project roadblocks.
- Strive to present Code requirements in an approachable manner.

JURISDICTIONAL STANDARDS

- Defer to the Authority Having Jurisdiction on all code interpretations and approvals.
- Consult MHCS D staff on procedural issues to better serve and support the District.
- Address applicant questions and concerns to reduce District workload.
- Open WC³ offices Monday-Friday, 8am-5pm to address questions and for the MHCS D to notify us that plans are ready to be reviewed.



Project Management & Approach

(Continued)

OFFICE COLLABORATION

- Emphasize communication between plans examiners, inspectors, and permit technicians.
- Share experience and knowledge throughout the company.
- Cultivate an atmosphere of open discussion and cooperation.
- Cross-train employees to maximize potential and performance.
- Perform a QA/QC review on all comment letters prior to submittal to MHCS D.

ELECTRONIC PLAN REVIEW,

- Apply modern technology to simplify and improve the plan review process.
- Maximize efficiency through electronic review techniques.
- Minimize waste by removing the need for physical plans and documents.
- Decrease transmittal and storage costs.

SCHEDULE/HOURS TRACKING AND PROJECT COSTS

- Utilize WC³'s plan review database to keep track of schedule and hours spent on the various plan reviews to prepare monthly invoices.
- Meticulously examine the monthly invoices submitted by sub-consultants and verify that all invoiced amounts do not exceed project costs, including the negotiated rates of the task order or proposed Schedule of Fees with this RFQ.

Quality Control & Schedule Adherence

Third Party Sub-Consultant for Traffic, Landscape Architecture and Cathodic Protection Projects

For this project, we propose to work with third party consultants to aid WC³'s team with regard to traffic engineering and landscape architecture and cathodic protection services. Our Project Manager has collaborated with Aliquot Associates and NCE on previous projects, while V&A Consulting Engineers has worked with MHCS D for many years. All entities will follow the standards, guidelines and schedules set forth by WC³ and MHCS D.

Plan Review Quality Assurance - Our personnel work collaboratively with constant communication among staff members for advice, specific expertise, and sharing of unique projects. Meetings to coordinate and update all staff on current projects and phases of review are held weekly. WC³ also maintains a jurisdiction binder for each of our clients that contains pertinent client, project, and billing information.

Our technical staff is highly trained, attending seminars and educational conferences to keep current on up-to-date industry methods and codes. In addition, we hold weekly in-house training sessions that are used to ensure that staff members are kept informed with the most current codes and code interpretations. As part of these training sessions, a project may be presented for discussion regarding code issues. This process assists in maintaining a uniform approach throughout the office and provides another method for quality assurance.

Quality Control & Schedule Adherence (Continued)

Our quality control procedures include the review of the correction lists by the project manager or more senior staff member before the comments are transmitted to MHCS D. Also, even though our reviews are customized for each project, we use master checklists as part of our in-house quality control process to ensure that all required code sections have been addressed.

Schedule Adherence & Plan Review Turn Around

We tailor our plan review services to meet the specific needs of our clients. WC³ will work diligently with MHCS D to ensure that all projects and plan reviews are delivered in a timely manner. WC³ is familiar with MHCS D's typical schedule requirements included with previous task orders and will commit to completing plan reviews within the timeline expectations required by MHCS D. WC³ is committed to meeting the schedule as listed below:

TYPICAL MHCS D REQUIRED PLAN REVIEW TURNAROUND	
Submittal Level	First Review (Working Days)
1st Submittal	20
2nd Submittal	15
3rd Submittal	5
4th Submittal	5

- *Turnaround times are specified from the day submittals are received in our offices.*
- *Expedited reviews may be provided upon request.*

Expedited Plan Review

Accelerated plan review can be accommodated upon request from MHCS D. WC³ will require compensation for accelerated reviews as per hourly rates listed within our Schedule of Fees section of this proposal and agreed upon by MHCS D.



Quality Control & Schedule Adherence

In addition to handling specific project requests, Mr. Kaufman will meticulously examine the monthly invoices submitted by Aliquot Associates, NCE and V&A Consulting Engineers, comparing them to all reports and activities submitted. As part of this review, it will be verified that all invoiced amounts do not exceed the Schedule of Fees as well as negotiated rates approved by the MHCS D during the task order proposal/approval process, ensuring all project budgets will be maintained.

WC³ reviews all plan review invoicing at month-end. After all invoices have been verified, one original and one copy of each will be submitted with the designated contract ID number to MHCS D for payment.

References

WC³ is dedicated to providing our clients with excellent customer service and construction expertise. The following partial list highlights references for our Project Manager, Maurice Kaufman. You will find references regarding clients and projects in the References section on Page 36, as requested in the RFQ.



PROJECT REFERENCES



CITY OF EMERYVILLE

Mike Roberts, PE - Senior Civil Engineer
mrobert@emeryville.org
(510) 596-4334 259-2467



CITY OF SAN BRUNO

Hae Won Ritchie, PE - City Engineer /
Deputy Director of Public Works
hritchie@sanbruno.ca.gov
(650) 616-7067



CITY OF SOUTH SAN FRANCISCO

Matthew Ruble, PE - Principle Engineer
matthew.ruble@ssf.net
(650) 829-6671

Resumes



Photo Credit: PercWater.com - Mountain House Water Recycling Facility



WC³ Resumes



KEY PERSONNEL FOR WC³

The code inspection and project management team that WC³ proposes for this project collectively has decades of experience in the construction and building inspection industry. The following is a summary of the background and experience for each key member of our team. Full resumes (with listed licenses and certifications) may be provided upon request.

Giyan Senaratne, PE, SE, LEED AP, CASp - Principal / CEO | WC³

Mr. Giyan Senaratne, S.E., P.E., is the founder of WC³ and 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 managing projects and performing plan reviews or inspections for 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. Mr. Senaratne is a member of the Structural Engineers Association of California, the American Society of Civil Engineers and the International Code Council's East Bay Chapter.

Years Experience: 34

Years with Firm: 15

ME Degree: Civil Engineering
San Jose State University

BS Degree: Civil Engineering
San Jose State University

Registered SE: California S4457;
Washington 49198; Arizona 41242

Registered PE: California C46194;
Washington 49198

ICC Certifications (5311292):

Building Inspector
LEED AP Credential
CASp Credential

Maurice Kaufman, PE, LS - Project Manager / Civil Division Manager | WC³

Mr. Kaufman is an accomplished Public Works Director/City Engineer with a successful track record of delivering capital improvement projects, reviewing private development projects, reviewing subdivision maps, preparing Department operating budgets and Capital Improvement Program budgets, as well as making presentations to the City Council. Previous experience includes overseeing the Transportation and Flood Control Capital Improvement Program for Alameda County Public Works Agency, where he was responsible for development, implementation, planning and design of infrastructure improvement projects (e.g. roads, bridges, bicycle/pedestrian facilities, traffic signals, levees, channels and pump stations). He performed County Surveyor functions, providing traffic operation improvements, transportation planning, watershed management, right-of-way services, environmental review and compliance, and more. Mr. Kaufman has also held the position of Public Works Director/City Engineer for the City of Emeryville and represented the City in various improvement projects, transactions and negotiations.

Years Experience: 32

Years with Firm: 2.5

ME Degree: Structural Engineering
University of California, Berkeley

BS Degree: Civil Engineering
University of California, Berkeley

Registered PE: California 43680

Registered Land Surveyor:
California L 7256



Keyvan Irannejad, PE - Senior Civil Engineer / Building & Safety Official | WC³

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 39 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 arenas. Mr. Irannejad has held chair positions and been a member of various committees, including Tri-Chapter Uniform Code, Special Inspections, Plan Check Standards, ICC International Accreditation Service and the Tech Advisory Council Committees. He is a member of the International Code Council, American Society of Civil Engineers and the Structural Engineers Association of California.

Years Experience: 34
Years with Firm: 3

BS Degree: Civil Engineering
University of Wisconsin
BS Degree: Environmental Eng.
University of Wisconsin

Registered PE: California C44539
ICC Certifications:
Building Inspector
Building Plans Examiner
CA Building Plans Examiner
CA Commercial Bldg. Inspector
CA Residential Bldg. Inspector
Commercial Building Inspector
Residential Building Inspector
Certified Building Official, CALBO
CA Cert. Safety Assmnt Evaluator
CA Licensed General Contractor

Donald Zhao, PE, MCP, CBO - Vice President / Senior Plan Review Engineer | WC³

With over 20 years of experience in the construction industry and 14 of those years as a code official, Mr. Zhao has proven his mastery of Building Code in its many facets. Donald uses every opportunity to expand his base of knowledge and share it with his team. His utilization of modern collaboration technology, along with a strict standard of quality, has enabled Donald to lead the South San Francisco branch of WC³ into six years of consistent growth. Donald's technique and ambition serve as the foundation and goal for all his employees and set him at the cutting edge of an industry constantly in search of innovation. As a Master Code Professional and Certified Building Official, Mr. Zhao has previous municipal experience serving the City of Half Moon Bay as a Public Works, Building Plan Reviewer and Inspector. Donald was afforded the opportunity to expand into Civil plan review where he worked within City Hall and in the field to support City employees with administration, inspection and review. Ever in pursuit of improvement, Donald capitalized on his City experience and obtained his Professional Engineering license during these years. As a plan review engineer, Donald continued to provide outstanding service to the City of Half Moon Bay, among other municipalities. Donald has many years of experience reviewing plans in a corporate setting as well as over the counter within various City building departments, helping him build a strong foundation.

Years Experience: 15
Years with Firm: 8

BS Degree: Civil Engineering
San Jose State University

Registered PE: California 79273;
CAL EMA Safety Assessment Program Evaluator: 81869
ICC Certifications:
Master Code Professional
Building Official / Code Official
Accessibility Plans Examiner/Insp.
Building Inspector
Building Plans Examiner
CA Commercial Mech. Inspector
CA Commercial Plumb. Inspector
CA Residential Building Inspector
Combination Inspector
Com. Building Inspector
Com. Combination Inspector
Commercial Electrical Inspector
Commercial Mechanical Inspector
Commercial Plumbing Inspector
Mechanical Plans Examiner
Residential Building Inspector
Residential Combination Inspector
+ 11 Additional ICC Certifications



Eric Schneiderjohn, PE, MS - Regional Manager / Senior Civil Engineer | WC³

Mr. Schneiderjohn is a professional engineer whose experience includes building design review, construction, and code compliance. He is a licensed civil engineer, an ICC certified plans examiner, and has a master's degree with an emphasis in Structural Engineering. He brings unparalleled customer service to many jurisdictions assisting and guiding designers, contractors, architects and homeowners through the building permit process. As a Regional Manager, he oversees and is accountable for the building and civil plan review services provided by the San Ramon Office. Responsibilities include the management of administrative, plan review, and inspection staff as well as overall accountability for ensuring designs are safe and in compliance with the adopted building and fire code. He has performed countless building plan reviews and building department services, as well as managed contract services for various client jurisdictions throughout California, including Cities of Santa Clara, Menlo Park and Emeryville. In addition, he provides onsite and on-call plan review, inspection and front counter support. Mr. Schneiderjohn has extensive experience overseeing and performing C3 and C6 storm water reviews.

Years Experience: 10
Years with Firm: 7

ME Degree: Civil Engineering
San Jose State University
BS Degree: Environmental
Management, California
Polytechnic State University

Registered PE: California 87019
ICC Certifications:
Building Plans Examiner
Qualified SWPPP Designer (QSD)
**Certified Bay Friendly Qualified
Professional**

Keith Ma, PE, SE - Senior Structural Engineer

Mr. Ma has 20+ years of structural engineering experience, with 15+ years as a design engineer and 5+ years as a structural plan review engineer. He brings a broad range of experience to any project. As a structural engineer, he has managed, designed and reviewed hundreds of projects throughout California and internationally. Types of projects include single family dwellings, large multi-family residential/mixed use complexes, educational facilities, commercial buildings, large government/civic development, large industrial and manufacturing facilities, hotels, mall expansions and marine structures.

Years Experience: 22
Years with Firm: 3

BS Degree: Civil Engineering
University of California, Berkeley
Registered PE: California C 64767
Registered SE: California S5065



Curt Hume, PE, SE - Senior Structural Engineer | WC³

Mr. Hume has 40 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. Mr. Hume is a member of the Structural Engineers Association of California as well as the American Society of Civil Engineers. Curt's notable past structural plan review experience for municipalities included various reviews for the themed neighborhoods withing the Boulevard project for the City of Dublin, CA; structural reviews including the stairway and parking garage for the Hayward 21st Century Library, many tenant improvements in commercial developments throughout jurisdictions in California; as well as the Hilton Garden Inn in Walnut Creek, CA and more.

Years Experience: 40+
Years with Firm: 11

MBA Degree: Santa Clara University, Santa Clara, CA
ME Degree: Civil Engineering University of California, Berkeley
BS Degree: Civil Engineering, California Polytechnic State University

Registered PE: California 38226
Registered SE: California 3134

Selected Project Experience:

- Hayward 21 st Century Library, Stairway, Hayward City, CA
- Hayward 21 st Century Library, Parking Garage, Hayward City, CA
- Multiple Project within Various Neighborhoods at the Boulevard, City of Dublin, CA
- Landscape Improvement Plan, City of Dublin, CA

Greg Mason, PE - Senior Civil Engineer | WC³

Mr. Mason provides exceptional plan review with over 43 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.

Years Experience: 40+
Years with Firm: 7

BS Degree: Civil/Structural Engineering, Santa Clara University, Santa Clara, CA

Registered PE: California 40321

Selected Project Experience:

- Mayfair - New 6-story Mixed Use Occupancy, El Cerrito, CA
- Haskins Biotech Campus Curtain Wall, South San Francisco, CA
- Lakeside Lofts, Oakland, CA
- San Pablo Avenue Parking Lot Restripe and Interior Wall Replacement, Emeryville, CA
- Hampton Inn, El Cerrito, CA
-

WC³ Resumes *(Continued)*



Toby Johnson, PE - Electrical Plan Review Engineer | WC³

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 his electrical engineering design background, provide him with an exemplary level of understanding that is to be desired by others in the industry.

Years Experience: 16
Years with Firm: 5

BS Degree: Electrical Engineering,
Utah State University, UT

Registered PE: California 22058
Registered PE: Utah 279628-2202
Registered Journeyman

Doug Smith, MCP, CBO - Assistant Engineer / Plan Reviewer | WC³

Mr. Smith has worked in the construction and building safety industry for over 23 years. Early in his career, he worked as a framer, progressed to a City building inspector and obtained 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 numerous electrical, solar photovoltaic, and energy storage system courses for various organizations throughout the western United States. At WC³, Doug has performed over 10,000 plan reviews regarding solar PV, as well as small and large-scale energy storage systems, for jurisdictions across 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).

Years Experience: 23
Years with Firm: 8

Coursework: Electrical Engineering,
Weber State University, UT

ICC Certified: Master Code
Professional, Certified Building
Official, Electrical Plans Examiner,
+12 Additional Certifications

Additional Support Staff - Plan Review | WC³

WC³ maintains multiple offices. With employees on the ground in key regions, we work together as one firm to serve our clients wherever they need us. You can benefit from our extensive range of knowledge with customized service at the local level. The following is a list of additional support readily available to MHCS. A detailed list with associated resumes can be provided upon request.

	POSITION	BACKGROUND
Anthony Schaeffer, EIT	Assistant Engineer Plan Reviewer	<ul style="list-style-type: none"> More than 17 years experience
Andrea Arrojo	Assistant Engineer Plan Reviewer	<ul style="list-style-type: none"> Two Years Experience

Sub-Consultant Resumes



KEY PERSONNEL FOR ALIQUOT ASSOCIATES

Robert Wong, PE, QSD, QSP - Principal / CEO | Aliquot Associates

Robert Wong, P.E., President of Aliquot, brings 37 years of experience in Civil Engineering and Land Surveying, with 35 years at Aliquot Associates. Robert has managed numerous On-call and sole-source contracts with agencies and cities such as Caltrans District 4, Alameda County Public Works Agency, Santa Clara VTA, the City of Oakland, and the City of Emeryville. Robert's experience includes water, storm, and sewer systems; intersection modifications, road diet/widening, bulb-out, and new roadways; utilities, detail grading, walkways, bikeways, retaining walls, feasibility studies, cost estimates, EIR development and design review, and C.3/green infrastructure facilities. Robert provided civil engineering plan checking on the Highland Hospital Expansion project where plans are being developed and checked on a multi-phase timeline allowing continuous operation of the facility on this Alameda County facility. Other notable projects include the City of Emeryville's Sewer Rehabilitation, Seventh Street / Maritime St. Grade Separation Project at Port of Oakland, Oakland, CA and the Christie Avenue Bay Trail Gap Closure Class I Bike Path and Pedestrian Intersection Improvements for the City of Emeryville.

Years Experience: 38

Years with Firm: 36

MBA Degree: Golden State University, San Francisco

BS Degree: Civil Engineering University of California, Berkeley

Selected Project Experience:

- City of Emeryville, Sewer Rehabilitation, Emeryville, CA
- Alameda County Highland Hospital Expansion Project, Oakland CA
- Delaware Street Bike Lane & Streetscape Improvements, San Mateo, CA
- VTA-BART Silicon Valley Berryessa Extension, Milpitas Station and Berryessa Station Parking Structure and adjacent roadway and utility infrastructure

Gordon Lum, TE - Traffic Engineer / Project Lead | Aliquot Associates

Gordon Lum is a licensed traffic engineer with over 32 years of traffic and transportation engineering experience, and ten years working with Aliquot. He has been employed by the Cities of Oakland, San Leandro, and Stockton, and has served as On-call staff for the Cities of Berkeley, Compton, Dublin, San Leandro, San Pablo, and Mountain View, and the Counties of Fresno and San Joaquin. Gordon is directly involved in many aspects of municipal traffic engineering, including obtaining grant funding, reducing collisions, conducting speed surveys, relieving congestion, making presentations, developing signal timing parameters, implementing work orders, preparing staff reports, approving traffic control plans, coordinating with Caltrans, reviewing PS&E for signals, and developing traffic calming programs.

Years Experience: 33

Years with Firm: 11

ME Degree: Civil Engineering: Infrastructure, Planning and Management, Stanford University

BS Degree: Civil Engineering, Stanford University

Selected Project Experience:

- Congestion Mitigation and Air Quality (CMAQ) Grants, City of Stockton
- Traffic Signal Timing, Cities of Oakland, Mountain View, Stockton and San Leandro
- 42nd-High Access Improvement Project, City of Oakland

Sub-Consultant Resumes *(Continued)*



Steve Au, CE - Traffic Engineer / Civil Engineer | Aliquot Associates

Steve Au has extensive municipal experience, having worked for the Counties of Santa Clara and San Joaquin, as well as the City of San Jose. His 35-year background, with two years at Aliquot, includes the preparation of PS&E for new and 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. Steve is knowledgeable in the software applications related to design and traffic operations and is experienced with AutoCAD, Synchro, and Traffix. His controller experience includes Econolite, BiTran, and NAZTEC. Steve has extensive project experience with federally funded projects such as HSIP and CMAQ projects. His experience also includes Caltrans Local Assistance Procedures documents for preliminary engineering, construction authorization, and environmental clearance, and coordination with the Caltrans local assistance engineer. Steve designed new signals and signal modification and prepared signing and striping drawings for many major Bay Area intersections in accordance with the Caltrans Plans and Specifications. He coordinated with the City staffs, attended project meetings, and provided construction engineering support for construction of these traffic projects. He has years of experience in arterial/interchange design, construction zone traffic control, and on-call traffic studies.

Years Experience: 36

Years with Firm: 3

BS Degree: Civil Engineering
University of California, Berkeley

Selected Project Experience:

- Work Performed at Santa Clara County, San Jose
- Pedestrian Signal Design for 19th and Harrison St., Oakland
- Hyatt Hotel El Camino Real, Mountain View, CA
- Corral Hollow Road Widening, Tracy, CA

Mason Chin, CE - Project Engineer | Aliquot Associates

Mason Chin has spent his 15-year career with Aliquot Associates. His experience and skills include utility design, stormwater management, drainage studies, PS&E documents, project planning, cost estimating, roadway design, and construction management. Mason is skilled at providing reports, calculations, and exhibits to secure project approval from government agencies. He has extensive experience planning, assessing, and detailing utility infrastructure. He also has a thorough understanding of NPDES requirements and other regulatory constraints. Specific project experience includes the Knowland Park/Oakland Zoo Expansion in Oakland, CA. Mason prepared construction documents and specifications for the phased expansion of the exhibits and performed calculations for a large-scale drainage study. He designed a 2,000-foot extension of the water, sewer, gas, and electric utilities. Mason designed various green drainage solutions, a new roadway, and a pedestrian pathway through the exhibits consisting of various porous designs to comply with stormwater control requirements.

Years Experience: 16

Years with Firm: 16

BS Degree: Civil Engineering
UCLA Los Angeles, CA

Selected Project Experience:

- Knowland Park/Oakland Zoo Expansion Project, Oakland, CA
- Hampton Inn Hotel, Mountain View, CA
- Contra Costa County Blackhawk/Crow Canyon, Geologic Hazard Abatement District (GHAD), Danville, CA

Sub-Consultant Resumes *(Continued)*



Adam Xu, CE - Project Engineer | Aliquot Associates

Adam Xu is a licensed Civil Engineer with more than ten years of experience in land development and transportation engineering. He has abundant experience designing grading and drainage plans, stormwater management plans, drainage reports, roadway and parking lot design, and ADA improvements. He is also skilled in plan checking, QA/QC, and cost estimates. Adam has been with Aliquot for three years. Specific project experience includes: On-Call Engineering for Alameda County, where Adam prepared plans and specifications for storm drain crossing and headwall for several stormdrain repair projects on Kilcare Rd. in Sunol. He also served on the Watergate Condominiums project in Emeryville, CA. Adam's engineering tasks included storm sewer design and plan production, hydraulic analysis, ADA-compliant walkway design, sanitary sewer quantity takeoff, and sewer pump sump detailing. He also performed QA/QC of other documents. Adam worked on the Ball Estate Project in Danville and responsibilities included preparing a large subdivision tentative map, exhibits and fill quantity calculations for resource agencies, and permitting with the Army Corps of Engineers, the Regional Water Quality Control Board, the Department of Fish & Wildlife; and exhibits for potential lot configurations.

Years Experience: 11

Years with Firm: 4

BS Degree: Civil & Environmental Engineering, University of California, Berkeley

Selected Project Experience:

- On-Call Engineering for Alameda County
- Watergate Condominiums, Emeryville, CA
- Delaware Street Bike Lane & Streetscape Improvements, San Mateo, CA
- Ball Estate Project, Danville, CA
- Praxair Processing Plant, Benicia, CA

Kevin Cheung, CE - Project Engineer | Aliquot Associates

With more than 30 years of engineering experience—including ten years with Aliquot—Kevin's experience is in engineering design, project management, and construction management. His design experience encompasses drainage calculations, utility assessments, stormwater management, roadway design, and grading design. He is also skilled in plan checking, hydrology, ADA accessibility, and cost estimating. Notable project experience includes Fallon Village Development Plan Checking in Dublin, CA, where Kevin performed plan checking and design work for the construction of a 3.5M square foot development project that included 3,100 residential units as well as commercial, industrial, and retail space, parks, schools, and open space. Work included widening the road, upgrading the storm drain system, designing street improvements, undergrounding of all overhead utilities, and plans for new traffic signals. He also performed plan review for an 11-acre development of 80 homes in Orinda, CA. The project involved relocation of the City-owned ball fields to the project area and construction of a 6,000 square foot office building for Orinda Union School District. Mr. Chung was also a participant on the Christie Avenue Bay Trail Gap Closure Class I Bike Path and Pedestrian Intersection.

Years Experience: 31

Years with Firm: 11

BS Degree: Civil Engineering University of Hong Kong, Hong Kong

Selected Project Experience:

- Fallon Village Development Plan Checking, Dublin, CA
- Orinda Grove Development Plan Checking, Orinda Grove, CA
- Christie Avenue Bay Trail Gap Closure Class I Bike Path and Pedestrian Intersection Improvements, Emeryville, CA

Sub-Consultant Resumes *(Continued)*



KEY PERSONNEL FOR NCE

Matthew Gaber, PLA - Principal / Landscape Architect | NCE

Over a 30-year career, Matthew Gaber has developed a wide perspective on traditional and emerging areas of practice. He is recognized for the creation of bold, thoughtful solutions to complex problems for varied clientele across a spectrum of sites. Over the course of his career Matthew has sought work which is environmentally and socially responsible with a strong focus on client service and professional relationships. Matthew has very relevant experience to Mountain House, he led the master planning of the community and creation of design guidelines for the entire project. Matthew also has broad experience in the design of parks, trails, civic centers, environmental infrastructure for a diverse group of public agencies, and sanitary improvement districts. Current work includes providing On-Call services for Santa Clara County focused on design review and landscape architectural design. Mr. Gaber is affiliated with the Council of Landscape Architects and is a member of the Design Review Board Member for the City of El Cerrito.

Years Experience: 32

Years with Firm: 2

MLA Degree: Harvard Graduate School of Design, Cambridge, MA

BA Degree: Landscape Architecture, University of California, Berkeley

Registered PLA: CA #3740

Registered LA: Nevada #1045

Selected Project Experience:

- Mountain House Community Master Plan, San Joaquin, CA
- Mountain House Design Manual, Streetscape and Urban Design, Mountain House, CA
- Santa Clara County Administrative Center, San Jose, CA
- Santa Clara County City Hall Tree Mitigation Plan, Morgan Hill, CA
- Rancho Cordova Library, Rancho Cordova, CA

Bryan Cantwell, PLA - Senior Landscape Architect | NCE

Bryan Cantwell is a licensed landscape architect with more than 23 years of experience in design and visualization of public projects. He has combined his experience as a landscape architect and designer to create award winning public projects across the United States and beyond. He has provided park and streetscape master planning and design services for a wide range of public agencies with a focus on constructibility, cost control, code compliance and user needs. Recent projects include the Kings Beach Western Approach Gateway for Kings Beach for Caltrans and the Piedmont Avenue Streetscape Renovation for the University of California, Berkeley. Bryan also excels at the use of a variety of cost control, project management and design software such as Bluebeam, ACAD and Rhino. Bryan's work has been widely published and exhibited, including shows at the Illinois Institute of Technology School of Architecture and the International Landscape Biennial of Barcelona.

Years Experience: 32

Years with Firm: 2

BS Degree: Landscape Architecture, Oklahoma State University

Registered PLA: CA #5487

Registered LA: NY #2381

Selected Project Experience:

- Wild Cat Creek Restoration and Plaza, 4 acres, San Pablo, CA
- Emeryville Marina Bay Trail, Emeryville, CA
- Parks and Open Space Master Plan for the city of Pittsburgh, CA
- Glen View Park, San Bruno, CA
- Starlight Park, 14 acres, Bronx, NY
- Bronx River Park, 1.5 acres, Bronx, NY

Sub-Consultant Resumes *(Continued)*



KEY PERSONNEL FOR V&A CONSULTING ENGINEERS

Glenn Willson, PE | V&A Consulting Engineers

Mr. Willson's areas of specialization include Cathodic Protection Engineering Plan Reviews. He has experience including cathodic protection, coatings, and condition assessment engineering for municipal infrastructure. Glenn's experience includes the protection of tanks, storage systems, and potable water/wastewater transmission lines for municipal and private owners. Glenn has experience in the evaluation of existing cathodic protection and coating systems, corrosion control, pipeline and tank rehabilitation, and construction inspection. Glenn served as the Principal-in-Charge (PIC) for the MHCSO On-Call Corrosion Engineering Services project and has an understanding of MHCSO's processes and standards.

Years Experience: 38
Years with Firm: 29

BS Degree: Corrosion and Civil Engineering, Ocean Engineering
Emphasis: Corrosion and Materials, Florida Atlantic University

Registered PE: CA CR1076
Registered CE: CA C57739

Selected Project Experience:

- MHCSO: On-Call Corrosion Engineering Services (2015-2020)
- City of Sacramento: On-Call Corrosion Specialists for Utility Infrastructure (Active)
- Orange County Sanitation District: On-Call Services Contract (2016)
- Sacramento Regional County Sanitation District: Corrosion Engineering Services (Active)
- Lawrence Livermore National Lab: Annual CP Survey (2019)

Chelsea Teall, PE, CP4 - Project Manager | V&A Consulting Engineers

Chelsea has 17 years of experience related to design, reliability, product engineering, and research with a focus on corrosion, failure analysis, and testing. She successfully manages simultaneous projects, keeping them on time and on budget by efficiently allocating resources. Chelsea also designs cathodic protection systems for water and wastewater pipelines, storage facilities, and plants. Chelsea served as the Project Manager for the MHCSO District On-Call Corrosion Engineering Services project.

Years Experience: 18
Years with Firm: 6

BS Degree: Chemical Engineering
BS Degree: Materials Science & Engineering (Double Major), University of California-Berkeley

Registered PE: CA MT1978

Selected Project Experience:

- MHCSO: On-Call Corrosion Engineering Services (2015-2020)
- City of Sacramento: On-Call Corrosion Specialists for Utility Infrastructure (Active)
- Sacramento Regional County Sanitation District: Cathodic Protection Survey and Analysis (Active)
- Rodeo Sanitary District: Outfall Pipeline CP System Evaluation (2005, 2011, 2017, Active)
- Sacramento County Water Agency: Water Supply Pipeline Expansion Corrosion Control Design (Active)

Sub-Consultant Resumes *(Continued)*



Matthew H. Snow, EIT, CP4 - Associate Engineer | V&A Consulting Engineers

Matt started his career through an internship with the City of San Diego's Corrosion Sector where he was exposed to the basics of corrosion engineering and cathodic protection. He continued and finished his internship with V&A and has broadened his scope of corrosion engineering knowledge. Working throughout multiple practice areas, he has experience in conducting field tests including pipe-to-soil potential surveys, current requirement testing, electrical continuity testing, and soil resistivity measurements. Matt is a certified engineer in training and successfully completed the NACE International CP4 Cathodic Protection Specialist course.

Years Experience: 10

Years with Firm: 8

MLA Degree: Civil Engineering, San Diego State University, CA

Registered EIT: CA 149026

Selected Project Experience:

- City of Sacramento: On-Call Corrosion Specialists for Utility Infrastructure (Active)
- Sweetwater Authority: On-Call Cathodic Protection Services (2016)
- San Jose Water Company: As-Needed Professional Corrosion Engineering Service Agrmt. (2015)
- City of Fairfield: Water Treatment Facilities & Distribution Systems As-Needed Corrosion Eng. (Active)
- Eastern Municipal Water District: Corrosion Protection Program (Active)



Schedule of Fees



Photo Credit: PercWater.com - Mountain House Water Recycling Facility



WC³ Hourly Rates & Fees

WC³ proposes the following Hourly Labor Rates for professional services as outlined in the scope of services and Request for Qualifications. Any additional services not listed below may be negotiated. WC³ further understands that all rates and fees may be negotiated as per each task order requested.

TABLE OF HOURLY LABOR RATES	
POSITION	HOURLY RATE
Principal	\$240.00 / Hour
Project Manager	\$200.00 / Hour
Land Surveyor	\$190.00 / Hour
Senior Electrical Engineer	\$190.00 / Hour
Senior Structural Engineer	\$190.00 / Hour
Structural Engineer	\$180.00 / Hour
Senior Civil Engineer	\$190.00 / Hour
Associate Civil Engineer	\$165.00 / Hour
Assistant Engineer and Plan Reviewer	\$155.00 / Hour
Administrative Assistant	\$85.00 / Hour
Public Works Inspector (Prevailing Wage Rate, Daytime Hours)	\$160.00 / Hour
Public Works Inspector (Prevailing Wage Rate, 8 pm to 5 am)	\$185.00 / Hour
Traffic Engineering and Special Civil Engineering Related Services/Projects	Per Aliquot Associates Rate Schedule**
Landscape Architecture Related Services/Projects	Per NCE Rate Schedule**
Cathodic Protection Related Services/Projects	Per V&A Consulting Engineers Rate Schedule**
<p>Miscellaneous: Proposed Hourly Rates are for Fiscal Year 2021/22. 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 by Public Works Inspectors. Reimbursable expenses are not to exceed the contract amount.</p> <p>Any work performed under prevailing wage is subject to the State of California labor regulations. Public Works Inspections in excess of Forty (40) Hours a week, overtime work, holiday work, weekend work, etc. will be invoiced as follows:</p> <ul style="list-style-type: none"> • Overtime – One Hundred Fifty Percent (150%) of regular rates. Overtime is defined as working more than Forty (40) Hours a week or more than Eight (8) Hours a day or more than Six (6) consecutive days in a week. • Double Overtime – Two Hundred Percent (200%) of regular rates. Double Overtime is defined as working more than twelve (12) hours a day or working more than eight (8) hours on the seventh consecutive day of work. • Holidays and Weekends – Two Hundred Percent (200%) of regular rates. <p>A four (4) hour daily minimum is required for Public Works inspections.</p> <p>** Invoices from sub-consultant will not be marked-up as a Reimbursable Expense. When invoicing for sub-consultant, WC³ will also invoice reasonable time for the WC³ Project Manager to coordinate sub-consultant and provide quality control between the various disciplines. WC³ will also invoice for clerical time for processing sub-consultant invoices.</p>	

Aliquot Associates Hourly Rates & Fees



Hourly Rates and Special Fixed Fee Agreement Provision

Principal	\$	244.00
Project Manager	\$	232.00
Project Engineer/Supervisor	\$	208.00
Senior Engineer/Senior Surveyor	\$	192.00
Senior Engineer/Senior Traffic Engineer/Senior Surveyor.....	\$	192.00
Associate Engineer/Associate Traffic Engineer/Associate Surveyor	\$	174.00
Associate Engineer/Associate Surveyor	\$	174.00
Staff Engineer/Staff Surveyor	\$	161.00
Computer Designer/Surveyor/Assistant Engineer	\$	147.00
Designer/Data Management	\$	128.00
Computer Aided Design/Drafting	\$	109.00
CAD Technician 2	\$	97.00
CAD Technician 1	\$	82.00
One-Person Field Party	\$	225.00
Two-Person Field Party	\$	296.00
Three-Person Field Party	\$	374.00
Administrative Assistant.....	\$	82.00
Delivery (Minimum)	\$	46.00

Expert Witness Services

Expert Witness.....	\$	478.00
Principal Litigation.....	\$	529.00
Per Court Appearance (Minimum)	\$	4,678.00

Field Survey Crew Mobilizations: The staking fee for lump sum contracts anticipates one mobilization per 8 hours of field work. If Client requests a field crew to complete a staking item in the contract to mobilize more than once per 8 hours of work, the Client will incur an additional cost of \$700.00 per mobilization.

NCE Hourly Rates & Fees



Collaboration. Commitment. Confidence.SM

SCHEDULE OF CHARGES 2021

PROFESSIONAL SERVICES

Principal	\$270/hour
Associate.....	\$215/hour
Senior	\$185/hour
Project	\$165/hour
Staff	\$145/hour

TECHNICAL SERVICES

Senior Construction Manager*.....	\$145/(\$170-PW)/hour
Senior Designer.....	\$155/hour
CADD Designer	\$135/hour
Senior Technician*	\$125/(\$150-PW)/hour
Construction Inspector*	\$130/(\$155-PW)/hour
CAD Technician	\$120/hour
Senior Field Scientist.....	\$125/hour
Field Scientist	\$100/hour
Project Administrator	\$110/hour
Field/Engineering Technician*	\$100/(\$125-PW)hour
Technical Editor.....	\$100/hour
Clerical.....	\$90/hour

CONTRACT LABOR

From time to time, NCE retains outside professional and technical labor on a temporary basis to meet peak workload demands. Such contract labor will be charged at regular Schedule charges.

LITIGATION SUPPORT

Engineer/Scientist	\$330/hour
Court Appearances & Depositions	\$550/hour

EQUIPMENT

Plotter Usage	(separate fee schedule)
Truck	\$100/day
Automobile	IRS Standard Mileage Rate+15%
Falling Weight Deflectometer Testing	\$3,500/Day
Coring.....	\$4,500/Day
Environmental Equipment.....	(separate fee schedule)

OUTSIDE SERVICES

Rental of equipment not ordinarily furnished by NCE and all other costs such as special printing, photographic work, travel by common carrier, subsistence, subcontractors, etc. cost + 15%

COMMUNICATION/ REPRODUCTION

In-house costs for long-distance telephone, faxing, postage, printing and copying

project labor charges x 5%

TERMS

Billings are payable upon presentation and are past due 30 days from invoice date. A finance charge of 1.5% per month, or the maximum amount allowable by law, will be charged on past-due accounts. NCE makes no warranty, either expressed or implied, as to its findings, recommendations, specifications, or professional advice except that they are prepared and issued in accordance with generally accepted professional practice.

*A surcharge of \$25/hour applied for technicians and construction inspectors to comply with Prevailing Wage (PW) per requirements of California Department of Industrial Relations.

Engineering & Environmental Services

www.ncenet.com

V&A Consulting Engineers

Hourly Rates & Fees

V&A Consulting Engineers 2021 Fee Schedule Rates include Overhead & Profit	
Position	Rate
Principal-in-Charge (PIC)	\$297
Senior Project Manager	\$259
Project Manager	\$239
Senior Project Engineer	\$223
Project Engineer	\$199
Associate Engineer	\$178
Assistant Engineer	\$145
CADD Designer	\$ 145
Engineering Assistant	\$134
Senior Technician	\$128
Technician	\$111
Project Admin/Clerical	\$89
Forensic Engineering	\$425
Deposition/Court Appearance	\$550
Other Direct Costs	
Subcontractor/Subconsultant: Cost + 10%	
Soil and Coating Sample Analysis: Cost + 10%	
Travel (Air/Hotel/Per Diem/Rent-A-Car): @ Cost	
Auto/Truck Mileage: @Federal Rate	
Field Truck: \$85/Day	
Confined Space Entry Truck and Safety Equipment: \$130/Day	
Reproduction, Printing, Shipping: @ Cost	

Statements of Understanding



Photo Credit: PercWater.com - Mountain House Water Recycling Facility



Statements of Understanding

PERFORMANCE BASED SERVICES

WC³ understands that MHCS D intends to evaluate the performance of consultants on an on-going basis. Therefore, upon completion of each project, each plan check services, construction inspection, etc., MHCS D will conduct a performance review of the services provided, which will include a review regarding schedule adherence, quality assurance and comprehensiveness. After each task order and engagement, a performance review will be provided and stand as the basis for future task orders and assignments. Future assignments will be contingent upon our high performance and adherence to the stated requirements.

INSURANCE REQUIREMENTS

WC³ currently has and will maintain worker's compensation insurance in compliance with State statutes, as well as comprehensive general liability coverage including auto, contractual liability, and professional liability coverage. Proof of insurance is included on the following sheet.

If awarded a contract, WC³ will agree to indemnify and hold harmless Mountain House Community Services District, its officers, agents, and employees from any and all claims and losses accruing or resulting to persons engaged in the work contemplated by the contract, or to persons who may be injured or damaged by the firm or its agents in the performance of the work. Prior to the commencement of any work, these and other provisions shall be established contractually.

ACCEPTANCE OF PROFESSIONAL SERVICES AGREEMENT

WC³ accepts all conditions and requirements identified in the RFQ. We have reviewed the Sample Professional Services Agreement and do not require any exceptions or changes. WC³ can sign the Agreement for Services upon Mountain House Community Service District's request.

**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>Commercial General Liability 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>Commercial or Business Automobile Liability 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>Workers’ Compensation (WC) and Employers Liability (EL) 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>Professional Liability/Errors & Omissions 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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