STAFF REPORT

City Council
Meeting Date: **5/21/2024**
Staff Report Number: **24-084-CC**

Consent Calendar: **Authorize the city manager to execute three-year master agreements with multiple consultants for public works professional services**

Recommendation

Staff recommends that the City Council authorize the city manager to execute three-year master agreements (Attachment A) with an option to renew for three additional years with multiple consultants for professional services related to public works services and operations.

Policy Issues

The use of multi-year master consultant agreements is consistent with the City's purchasing policies and facilitates the delivery of capital improvement projects and community programs/services in a timely manner. Their use allows the public works department to maintain project schedules and deliverables when faced with staff vacancies, increase in permit review needs, or new priorities. The authorization of these master agreements does not award projects to any of the selected consultants; rather, it establishes a pool of resources from which to draw from as needed.

Background

The public works department is responsible for planning, building and maintaining the City's infrastructure and is comprised of the engineering, maintenance and transportation divisions. Staff manage and deliver projects included in the City's capital improvement program and as part of private development review services. Projects may include master planning, development permit review, utility upgrades, building and park maintenance, and roadway improvements.

Over the years, the City Council has authorized the city manager to execute master agreements with consultants to augment staffing when there is a high demand in project / program delivery, necessity for specialized professional services, or workload challenges due to vacancies. Their use is an efficient tool for accessing technical support and shortens the time needed to identify qualified consultants while adhering to the City's purchasing policies. The professional services typically include architectural, engineering, landscape architecture, surveying, transportation, construction inspection and materials testing. Currently, for example, the role of City surveyor is provided through a master agreement.

The process for establishing a list of on-call consultants with master agreements for professional services includes a request for qualifications (RFQ). The proposals are reviewed based specific criteria and recommended for approval by City Council. Once master agreements are in place, staff have access to various professional disciplines on an as-needed basis. Staff identify a consultant from the list for a specific project or task and a purchase order for a not-to-exceed amount is issued. This process enables the City to efficiently respond to community demands by using these professional services on an as-needed basis for a specific task. These services are temporary, and obtained only for the length of time needed to complete

the tasks. The City's current master agreements for on-call professional services were last authorized by the City Council in 2020 and expire at the end of fiscal year 2023-24.

Analysis

On March 1, staff advertised an RFQ for nine services/categories related to work performed by the public works department. On April 5, the public works department received 44 submittals. City staff reviewed the submittals and selected consultants based on the following criteria: area of expertise, fee schedule, work methodology, overall proposal quality, availability to work and familiarity with the City.

To ensure the timely and continued delivery of City Council priorities, projects and services, staff recommends that the City Council authorize the city manager to execute three-year master agreements (including an option to extend three additional years) with the selected consultants (Attachments A and B). The master agreement is the same document as the City's standard services agreement and requires the consultant to provide proof of insurance, Menlo Park business license and to hold the City harmless for the work performed.

Impact on City Resources

The contract amount for services will vary for each project, depending on the scope of work/services, the number and type of professionals/technicians used, and the public input needed. The hourly rates for services typically range from $100 to $500, depending on the area of expertise and experience required to deliver the requested services. The costs of these services are budgeted in the operating and capital project budgets for which the services are needed. No additional appropriations are being requested at this time.

Environmental Review

This action is not a project within the meaning of the California Environmental Quality Act (CEQA) Guidelines Sections 15378 and 15061(b)(3) (the activity is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment.

Public Notice

Public notification was achieved by posting the agenda, with the agenda items being listed, at least 72 hours prior to the meeting.

Attachments

A. Professional services agreement template and consultant rates
B. On-Call consultant list

Report prepared by:
Nancy Melgar, Contract Specialist

Report reviewed by:
Azalea A. Mitch, Public Works Director

PROFESSIONAL SERVICES AGREEMENT

City Manager's Office
701 Laurel St., Menlo Park, CA 94025
tel 650-330-6620

	Agreement #:
AGREEMENT FOR SERVICES BETWEEN THE CITY OF MENLO PARK AND CONSULTANT	
THIS AGREEMENT made and entered into at Menlo Park, California, this _____, by and between the CITY OF MENLO PARK, a Municipal Corporation, hereinafter referred to as "CITY," and CONSULTANTS, hereinafter referred to as "FIRST PARTY."	
WITNESSETH: WHEREAS, CITY desires to retain FIRST PARTY to provide certain professional services for CITY in connection with that certain project called: On-Call Professional Consulting Services WHEREAS, FIRST PARTY is licensed to perform said services and desires to and does hereby undertake to perform said services. NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS, PROMISES AND CONDITIONS of each of the parties hereto, it is hereby agreed as follows:	
1. SCOPE OF WORK	
In consideration of the payment by CITY to FIRST PARTY, as hereinafter provided, FIRST PARTY agrees to perform all the services as set forth in Exhibit "A," Scope of Services.	
2. SCHEDULE FOR WORK	
FIRST PARTY's proposed schedule for the various services required pursuant to this agreement will be as set forth in Exhibit "A," Scope of Services. CITY will be kept informed as to the progress of work by written reports, to be submitted monthly or as otherwise required in Exhibit "A." Neither party shall hold the other responsible for damages or delay in performance caused by acts of God, strikes, lockouts, accidents or other events beyond the control of the other, or the other's employees and agents. FIRST PARTY shall commence work immediately upon receipt of a "Notice to Proceed" from CITY. The "Notice to Proceed" date shall be considered the "effective date" of the agreement, as used herein, except as otherwise specifically defined. FIRST PARTY shall complete all the work and deliver to CITY all project related files, records, and materials within one month after completion of all of FIRST PARTY's activities required under this agreement.	
3. PROSECUTION OF WORK	
FIRST PARTY will employ a sufficient staff to prosecute the work diligently and continuously and will complete the work in accordance with the schedule of work approved by the CITY. (See Exhibit "A," Scope of Services).	

4. COMPENSATION AND PAYMENT

A. CITY shall pay FIRST PARTY an all-inclusive fee that shall not exceed the amount as described in Exhibit "A," Scope of Services. All payments shall be inclusive of all indirect and direct charges to the Project incurred by FIRST PARTY. The CITY reserves the right to withhold payment if the City determines that the quantity or quality of the work performed is unacceptable.

B. FIRST PARTY's fee for the services as set forth herein shall be considered as full compensation for all indirect and direct personnel, materials, supplies and equipment, and services incurred by FIRST PARTY and used in carrying out or completing the work.

C. Payments shall be monthly for the invoice amount or such other amount as approved by CITY. As each payment is due, the FIRST PARTY shall submit a statement describing the services performed to CITY. This statement shall include, at a minimum, the project title, agreement number, the title(s) of personnel performing work, hours spent, payment rate, and a listing of all reimbursable costs. CITY shall have the discretion to approve the invoice and the work completed statement. Payment shall be for the invoice amount or such other amount as approved by CITY.

D. Payments are due upon receipt of written invoices. CITY shall have the right to receive, upon request, documentation substantiating charges billed to CITY. CITY shall have the right to perform an audit of the FIRST PARTY's relevant records pertaining to the charges.

E. FIRST PARTY Shall bill each month to City an original invoice for all Services performed and expenses incurred during the preceding month. Each such invoice shall contain the total agreement amount subtracting the invoices paid and billing. By submitting an invoice for payment under this Agreement, FIRST PARTY is certifying compliance with all provisions of the Agreement. FIRST PARTY shall not invoice City for any duplicate Services performed by more than one person. City shall independently review each invoice submitted by FIRST PARTY to determine whether the Services performed and expenses incurred are in compliant with the provisions of this Agreement. City will use its best efforts to cause FIRST PARTY to be paid within thirty (30) days of receipt of FIRST PARTY's correct and undisputed invoice, except as to any charges for Services performed or expenses incurred by FIRST PARTY which are disputed by City, or as provided in Section 6.3. In the event any charges or expenses are in dispute by City, the original invoice shall be returned by City to FIRST PARTY for correction and resubmission. Review and payment by City of any invoice provided by FIRST PARTY shall not constitute waiver of any rights or remedies provided herein or any applicable law. Consultant shall bill the City as services are complete. City reserves the right to deny payment to FIRST PARTY for any invoice submitted is more than 90 days after performance of Services or expenses incurred by FIRST PARTY.

5. EQUAL EMPLOYMENT OPPORTUNITY

A. FIRST PARTY, with regard to the work performed by it under this agreement shall not discriminate on the grounds of race, religion, color, national origin, sex, handicap, marital status or age in the retention of sub-consultants, including procurement of materials and leases of equipment.

B. FIRST PARTY shall take affirmative action to insure that employees and applicants for employment are treated without regard to their race, color, religion, sex, national origin, marital status or handicap. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment advertising; layoff or termination; rates of pay or other forms of compensation and selection for training including apprenticeship.

C. FIRST PARTY shall post in prominent places, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.

D. FIRST PARTY shall state that all qualified applications will receive consideration for employment without regard to race, color, religion, sex, national origin, marital status or handicap.

E. FIRST PARTY shall comply with Title VI of the Civil Rights Act of 1964 and shall provide such reports as may be required to carry out the intent of this section.

F. FIRST PARTY shall incorporate the foregoing requirements of this section in FIRST PARTY's agreement with all sub-consultants.

6. ASSIGNMENT OF AGREEMENT AND TRANSFER OF INTEREST

A. FIRST PARTY shall not assign this agreement, and shall not transfer any interest in the same (whether by assignment or novation), without prior written consent of the CITY thereto, provided, however, that claims for money due or to become due to the FIRST PARTY from the CITY under this agreement may be assigned to a bank, trust company, or other financial institution without such approval. Notice of an intended assignment or transfer shall be furnished promptly to the CITY.

B. In the event there is a change of more than 30 percent of the stock ownership or ownership in FIRST PARTY from the date of this agreement is executed, then CITY shall be notified before the date of said change of stock ownership or interest and CITY shall have the right, in event of such change in stock ownership or interest, to terminate this agreement upon notice to FIRST PARTY. In the event CITY is not notified of any such change in stock ownership or interest, then upon knowledge of same, it shall be deemed that CITY has terminated this agreement.

7. INDEPENDENT WORK CONTROL

It is expressly agreed that in the performance of the service necessary for compliance with this agreement, FIRST PARTY shall be and is an independent contractor and is not an agent or employee of CITY. FIRST PARTY has and shall retain the right to exercise full control and supervision of the services and full control over the employment, direction, compensation and discharge of all persons assisting FIRST PARTY in the performance of FIRST PARTY's services hereunder. FIRST PARTY shall be solely responsible for its own acts and those of its subordinates and employees.

8. CONSULTANT QUALIFICATIONS

It is expressly understood that FIRST PARTY is licensed and skilled in the professional calling necessary to perform the work agreed to be done by it under this agreement and CITY relies upon the skill of FIRST PARTY to do and perform said work in a skillful manner usual to the profession. The acceptance of FIRST PARTY's work by CITY does not operate as a release of FIRST PARTY from said understanding.

9. NOTICES

All notices hereby required under this agreement shall be in writing and delivered in person or sent by certified mail, postage prepaid or by overnight courier service. Notices required to be given to CITY shall be addressed as follows:

Azalea A. Mitch
Public Works
City of Menlo Park
701 Laurel St.
Menlo Park, CA 94025
650-330-6740
PWDirector@menlopark.gov

Notices required to be given to FIRST PARTY shall be addressed as follows:

Consultant Name
Address
Email
Phone number

Provided that any party may change such address by notice, in writing, to the other party and thereafter notices shall be addressed and transmitted to the new address.

10. HOLD HARMLESS

The FIRST PARTY shall defend, indemnify and hold harmless the CITY, its subsidiary agencies, their officers, agents, employees and servants from all claims, suits or actions that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the FIRST PARTY brought for, or on account of, injuries to or death of any person or damage to property resulting from the performance of any work required by this agreement by FIRST PARTY, its officers, agents, employees and servants. Nothing herein shall be construed to require the FIRST PARTY to defend, indemnify or hold harmless the CITY, its subsidiary agencies, their officers, agents, employees and servants against any responsibility to liability in contravention of Section 2782.8 of the California Civil Code.

11. INSURANCE

A. FIRST PARTY shall not commence work under this agreement until all insurance required under this Section has been obtained and such insurance has been approved by the City, with certificates of insurance evidencing the required coverage.

B. There shall be a contractual liability endorsement extending the FIRST PARTY's coverage to include the contractual liability assumed by the FIRST PARTY pursuant to this agreement. These certificates shall specify or be endorsed to provide that thirty (30) days' notice must be given, in writing, to the CITY, at the address shown in Section 9, of any pending cancellation of the policy. FIRST PARTY shall notify CITY of any pending change to the policy. All certificates shall be filed with the City.

1. Workers' compensation and employer's liability insurance:
   The FIRST PARTY shall have in effect during the entire life of this agreement workers' compensation and Employer's Liability Insurance providing full statutory coverage. In signing this agreement, the FIRST PARTY makes the following certification, required by Section 18161 of the California Labor Code: "I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of the Code, and I will comply with such provisions before commencing the performance of the work of this agreement" (not required if the FIRST PARTY is a Sole Proprietor).
2. Liability insurance:
   The FIRST PARTY shall take out and maintain during the life of this agreement such Bodily Injury Liability and Property Damage Liability Insurance (Commercial General Liability Insurance) on an occurrence basis as shall protect it while performing work covered by this agreement from any and all claims for damages for bodily injury, including accidental death, as well as claims for property damage which may arise from the FIRST PARTY's operations under this agreement, whether such operations be by FIRST PARTY or by any sub-consultant or by anyone directly or indirectly employed by either of them. The amounts of such insurance shall be not less than one million dollars ($1,000,000) per occurrence and one million dollars ($1,000,000) in aggregate, or one million dollars ($1,000,000) combined single limit bodily injury and property damage for each occurrence. FIRST PARTY shall provide the CITY with acceptable evidence of coverage, including a copy of all declarations of coverage exclusions. FIRST PARTY shall maintain Automobile Liability Insurance pursuant to this agreement in an amount of not less than one million dollars ($1,000,000) for each accident combined single limit or not less than one million dollars ($1,000,000) for any one (1) person, and one million dollars ($1,000,000) for any one (1) accident, and Three Hundred Thousand Dollars, ($300,000) property damage.
3. Professional liability insurance:
   FIRST PARTY shall maintain a policy of professional liability insurance, protecting it against claims arising out of the negligent acts, errors, or omissions of FIRST PARTY pursuant to this agreement, in the amount of not less than one million dollars ($1,000,000) per claim and in the aggregate. Said professional liability insurance is to be kept in force for not less than one (1) year after completion of services described herein.

C. CITY and its subsidiary agencies, and their officers, agents, employees and servants shall be named as additional insured on any such policies of Commercial General Liability and Automobile Liability Insurance, (but not for the Professional Liability and workers' compensation), which shall also contain a provision that the insurance afforded thereby to the CITY, its subsidiary agencies, and their officers, agents, employees, and servants shall be primary insurance to the full limits of liability of the policy, and that if the CITY, its subsidiary agencies and their officers and employees have other insurance against a loss covered by a policy, such other insurance shall be excess insurance only.

D. In the event of the breach of any provision of this Section, or in the event any notice is received which indicates any required insurance coverage will be diminished or canceled, CITY, at its option, may, notwithstanding any other provision of this agreement to the contrary, immediately declare a material breach of this agreement and suspend all further work pursuant to this agreement.

E. Before the execution of this agreement, any deductibles or self-insured retentions must be declared to and approved by CITY.

12. PAYMENT OF PERMITS/LICENSES

Contractor shall obtain any license, permit, or approval if necessary from any agency whatsoever for the work/services to be performed, at his/her own expense, before commencement of said work/services or forfeit any right to compensation under this agreement.

13. RESPONSIBILITY AND LIABILITY FOR SUB-CONSULTANTS AND/OR SUBCONTRACTORS

Approval of or by CITY shall not constitute nor be deemed a release of responsibility and liability of FIRST PARTY or its sub-consultants and/or subcontractors for the accuracy and competency of the designs, working drawings, specifications or other documents and work, nor shall its approval be deemed to be an assumption of such responsibility by CITY for any defect in the designs, working drawings, specifications or other documents prepared by FIRST PARTY or its sub-consultants and/or subcontractors.

14. OWNERSHIP OF WORK PRODUCT

Work products of FIRST PARTY for this project, which are delivered under this agreement or which are developed, produced and paid for under this agreement, shall become the property of CITY. The reuse of FIRST PARTY's work products by City for purposes other than intended by this agreement shall be at no risk to FIRST PARTY.

15. REPRESENTATION OF WORK

Any and all representations of FIRST PARTY, in connection with the work performed or the information supplied, shall not apply to any other project or site, except the project described in Exhibit "A" or as otherwise specified in Exhibit "A."

16. TERMINATION OF AGREEMENT

A. CITY may give thirty (30) days written notice to FIRST PARTY, terminating this agreement in whole or in part at any time, either for CITY's convenience or because of the failure of FIRST PARTY to fulfill its contractual obligations or because of FIRST PARTY's change of its assigned personnel on the project without prior CITY approval. Upon receipt of such notice, FIRST PARTY shall:

   1. Immediately discontinue all services affected (unless the notice directs otherwise); and
   2. Deliver to the CITY all data, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated or produced by FIRST PARTY in performing work under this agreement, whether completed or in process.

B. If termination is for the convenience of CITY, an equitable adjustment in the contract price shall be made, but no amount shall be allowed for anticipated profit on unperformed services.

C. If the termination is due to the failure of FIRST PARTY to fulfill its agreement, CITY may take over the work and prosecute the same to completion by agreement or otherwise. In such case, FIRST PARTY shall be liable to CITY for any reasonable additional cost occasioned to the CITY thereby.

D. If, after notice of termination for failure to fulfill agreement obligations, it is determined that FIRST PARTY had not so failed, the termination shall be deemed to have been effected for the convenience of the CITY. In such event, adjustment in the contract price shall be made as provided in Paragraph B of this Section.

E. The rights and remedies of the CITY provided in this Section are in addition to any other rights and remedies provided by law or under this agreement.

F. Subject to the foregoing provisions, the CITY shall pay FIRST PARTY for services performed and expenses incurred through the termination date.

17. INSPECTION OF WORK

It is FIRST PARTY's obligation to make the work product available for CITY's inspections and periodic reviews upon request by CITY.

18. COMPLIANCE WITH LAWS

It shall be the responsibility of FIRST PARTY to comply with all State and Federal Laws applicable to the work and services provided pursuant to this agreement, including but not limited to compliance with prevailing wage laws, if applicable.

19. BREACH OF AGREEMENT

A. This agreement is governed by applicable federal and state statutes and regulations. Any material deviation by FIRST PARTY for any reason from the requirements thereof, or from any other provision of this agreement, shall constitute a breach of this agreement and may be cause for termination at the election of the CITY.

B. The CITY reserves the right to waive any and all breaches of this agreement, and any such waiver shall not be deemed a waiver of any previous or subsequent breaches. In the event the CITY chooses to waive a particular breach of this agreement, it may condition same on payment by FIRST PARTY of actual damages occasioned by such breach of agreement.

20. SEVERABILITY

The provisions of this agreement are severable. If any portion of this agreement is held invalid by a court of competent jurisdiction, the remainder of the agreement shall remain in full force and effect unless amended or modified by the mutual consent of the parties.

21. CAPTIONS

The captions of this agreement are for convenience and reference only and shall not define, explain, modify, limit, exemplify, or aid in the interpretation, construction, or meaning of any provisions of this agreement.

22. LITIGATION OR ARBITRATION

In the event that suit or arbitration is brought to enforce the terms of this agreement, the prevailing party shall be entitled to litigation costs and reasonable attorneys' fees. The Dispute Resolution provisions are set forth on Exhibit "B," ‘Dispute Resolution’ attached hereto and by this reference incorporated herein.

23. RETENTION OF RECORDS

Contractor shall maintain all required records for three years after the City makes final payment and all other pending matters are closed, and shall be subject to the examination and /or audit of the City, a federal agency, and the state of California.

24. TERM OF AGREEMENT

This agreement shall remain in effect for the period of July 1, 2024 through June 30, 2027 unless extended, amended, or terminated in writing by CITY.

25. ENTIRE AGREEMENT

This document constitutes the sole agreement of the parties hereto relating to said project and states the rights, duties, and obligations of each party as of the document's date. Any prior agreement, promises, negotiations, or representations between parties not expressly stated in this document are not binding. All modifications, amendments, or waivers of the terms of this agreement must be in writing and signed by the appropriate representatives of the parties to this agreement.

26. STATEMENT OF ECONOMIC INTEREST

Consultants, as defined by Section 18701 of the Regulations of the Fair Political Practices Commission, Title 2, Division 6 of the California Code of Regulations, are required to file a Statement of Economic Interests with 30 days of approval of a contract services agreement with the City of its subdivisions, on an annual basis thereafter during the term of the contract, and within 30 days of completion of the contract.

Based upon review of the Consultant's Scope of Work and determination by the City Manager, it is determined that Consultant IS NOT required to file a Statement of Economic Interest. A statement of Economic Interest shall be filed with the City Clerk's office no later than 30 days after the execution of the agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement on the day and year first above written.

FOR FIRST PARTY:

Signature _____ Date _____

Printed name _____ Title _____

Tax ID# _____

APPROVED AS TO FORM:

Nira F. Doherty, City Attorney _____ Date _____

FOR CITY OF MENLO PARK:

Justin I. C. Murphy, City Manager _____ Date _____

ATTEST:

Judi A. Herren, City Clerk _____ Date _____

EXHIBIT "A" – SCOPE OF SERVICES

A1. SCOPE OF WORK

FIRST PARTY agrees to provide consultant services for CITY's Public Works Department. In the event of any discrepancy between any of the terms of the FIRST PARTY's proposal and those of this agreement, the version most favorable to the CITY shall prevail. FIRST PARTY shall provide the following services:

Provide general consultant services for projects as determined by the CITY. The detailed scope of work for each task the CITY assigns the consultant shall be referred to as Exhibit A -1, which will become part of this agreement. A notice to proceed will be issued separately for each separate scope of work agreed to between the CITY and FIRST PARTY.

FIRST PARTY agrees to perform these services as directed by the CITY in accordance with the standards of its profession and CITY's satisfaction.

A2. COMPENSATION

CITY hereby agrees to pay FIRST PARTY at the rates to be negotiated between FIRST PARTY and CITY as detailed in Exhibit A-1. The actual charges shall be based upon (a) FIRST PARTY's standard hourly rate for various classifications of personnel; (b) all fees, salaries and expenses to be paid to engineers, consultants, independent contractors, or agents employed by FIRST PARTY; and shall (c) include reimbursement for mileage, courier and plan reproduction. The total fee for each separate Scope of Work agreed to between the CITY and FIRST PARTY shall not exceed the amount shown in Exhibit A-1.

FIRST PARTY shall be paid within thirty (30) days after approval of billing for work completed and approved by the CITY. Invoices shall be submitted containing all information contained in Section A5 below. In no event shall FIRST PARTY be entitled to compensation for extra work unless an approved change order, or other written authorization describing the extra work and payment terms, has been executed by CITY before the commencement of the work.

A3. SCHEDULE OF WORK

FIRST PARTY'S proposed schedule for the various services required will be set forth in Exhibit A-1.

A4. CHANGES IN WORK -- EXTRA WORK

In addition to services described in Section A1, the parties may from time to time agree in writing that FIRST PARTY, for additional compensation, shall perform additional services including but not limited to:

- Change in the services because of changes in scope of the work.
- Additional tasks not specified herein as required by the CITY.

The CITY and FIRST PARTY shall agree in writing to any changes in compensation and/or changes in FIRST PARTY's services before the commencement of any work. If FIRST PARTY deems work he/she has been directed to perform is beyond the scope of this agreement and constitutes extra work, FIRST PARTY shall immediately inform the CITY in writing of the fact. The CITY shall make a determination as to whether such work is in fact beyond the scope of this agreement and constitutes extra work. In the event that the CITY determines that such work does constitute extra work, it shall provide compensation to the FIRST PARTY in accordance with an agreed cost that is fair and equitable. This cost will be mutually agreed upon by the CITY and FIRST PARTY. A supplemental agreement providing for such compensation for extra work shall be negotiated between the CITY and the FIRST PARTY. Such supplemental agreement shall be executed by the FIRST PARTY and may be approved by the City Manager upon recommendation of the Department Head.

A5. BILLINGS

FIRST PARTY's bills shall include the following information: A brief description of services performed, project title and the agreement number; the date the services were performed; the number of hours spent and by whom; the current contract amount; the current invoice amount;
Except as specifically authorized by CITY, FIRST PARTY shall not bill CITY for duplicate services performed by more than one person. In no event shall FIRST PARTY submit any billing for an amount in excess of the maximum amount of compensation provided in Section A2.

The expenses of any office, including furniture and equipment rental, supplies, salaries of employees, telephone calls, postage, advertising, and all other expenses incurred by FIRST PARTY in the performances of this agreement shall be incurred at the FIRST PARTY's discretion. Such expenses shall be FIRST PARTY's sole financial responsibility.

EXHIBIT "B" - DISPUTE RESOLUTION

B1.0 All claims, disputes and other matters in question between the FIRST PARTY and CITY arising out of, or relating to, the contract documents or the breach thereof, shall be resolved as follows:

B2.0 Mediation

B2.1 The parties shall attempt in good faith first to mediate such dispute and use their best efforts to reach agreement on the matters in dispute. After a written demand for non-binding mediation, which shall specify in detail the facts of the dispute, and within ten (10) days from the date of delivery of the demand, the matter shall be submitted to a mutually agreeable mediator. The Mediator shall hear the matter and provide an informal opinion and advice, none of which shall be binding upon the parties, but is expected by the parties to help resolve the dispute. Said informal opinion and advice shall be submitted to the parties within twenty (20) days following written demand for mediation. The Mediator's fee shall be shared equally by the parties. If the dispute has not been resolved, the matter shall be submitted to arbitration in accordance with Paragraph B3.1.

B3.0 Arbitration

B3.1 Any dispute between the parties that is to be resolved by arbitration as provided in Paragraph B2.1 shall be settled and decided by arbitration conducted by the American Arbitration Association in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association, as then in effect, except as provided below. Any such arbitration shall be held before three arbitrators who shall be selected by mutual agreement of the parties; if agreement is not reached on the selection of the arbitrators within fifteen (15) days, then such arbitrator(s) shall be appointed by the presiding Judge of the court of jurisdiction of the agreement.

B3.2 The provisions of the Construction Industry Arbitration Rules of the American Arbitration Association shall apply and govern such arbitration, subject, however to the following:

B3.3 Any demand for arbitration shall be writing and must be made within a reasonable time after the claim, dispute or other matter in question as arisen. In no event shall the demand for arbitration be made after the date that institution of legal or equitable proceedings based on such claim, dispute or other matter would be barred by the applicable statute of limitations.

B3.4 The arbitrator or arbitrators appointed must be former or retired judges, or attorneys at law with last ten (10) years' experience in construction litigation.

B3.5 All proceedings involving the parties shall be reported by a certified shorthand court reporter, and written transcripts of the proceedings shall be prepared and made available to the parties.

B3.6 The arbitrator or arbitrators must be made within and provide to the parties factual findings and the reasons on which the decisions of the arbitrator or arbitrators is based.

B3.7 Final decision by the arbitrator or arbitrators must be made within ninety (90) days from the date of the arbitration proceedings are initiated.

B3.8 The prevailing party shall be awarded reasonable attorneys' fees, expert and non-expert witness costs and expenses, and other costs and expenses incurred in connection with the arbitration, unless the arbitrator or arbitrators for good cause determine otherwise.

B3.9 Costs and fees of the arbitrator or arbitrators shall be borne by the non-prevailing party, unless the arbitrator or arbitrators for good cause determine otherwise.

B3.10 The award or decision of the arbitrator or arbitrators, which may include equitable relief, shall be final, and judgment may be entered on it in accordance with applicable law in any court having jurisdiction over the matter.

SECTION 4: RATES

FEE SCHEDULE
FOR THE CITY OF MENLO PARK
ON-CALL CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES

Staff Type	CY 2024	CY 2025	CY 2026
Principal-In-Charge / Project Manager	$214/hr	$220/hr	$215/hr
Resident Engineer (Licensed Civil)	$203/hr	$209/hr	$215/hr
Construction Manager	$180/hr	$185/hr	$191/hr
Public Works Inspector (Regular Time)	$162/hr	$167/hr	$172/hr
Public Works Inspector Apprentice	$104/hr	$107/hr	$110/hr

All Fees Subject to Basis of Charges. Rates shown are for January 1 to December 31 of each calendar year and reflect an Annual Escalation of 3% starting on January 1, 2025.

BASIS OF CHARGES

A. Rates shown assume projects under this on-call contract will require compliance with California Prevailing Wage rate requirements and assumes the Client will be filing a PWC-100 Form to the California Department of Industrial Relations (DIR) for the project.

B. Rates for prevailing wage categories are subject to annual escalations in accordance with the bi-annual wage determinations from the California DIR. Rates based on California DIR's wage determinations dated August 2023.

C. Per the new requirements being enforced under SB 854 and because it is assumed that a PWC-100 Form will be filed by the Client to the CA DIR for each project, 4LEAF is required to notify an authorized Apprenticeship Committee through submittal of a DAS-140 form. We are then required to make an official request to an authorized Apprenticeship Committee for an apprentice by submitting a DAS-142 form. We are not assured the apprenticeship committee will be able to provide a suitable / qualified apprentice for the project. Per the apprenticeship requirements, the hours worked by the apprentice must be in a ratio of 1:5 for apprentice to journeyman hours. 4LEAF will not know the labor classification of the Public Works Apprentice until an Apprentice is dispatched to the site; therefore, the rates for the five Periods listed under the California DIR's Wage determination for Building Construction Inspector issued August 2023 were used to determine the range of hourly rates for Public Works Inspector Apprentice.

D. All invoicing will be submitted monthly.

E. Overtime and Premium time will be charged as follows:
   - *Night Time (work begun after 4PM or before 5AM)* — *1.125 x hourly rate*
   - *Overtime (over 8 hour M-F or Saturdays)* — *1.35 x hourly rate*
   - *Overtime (over 8 hours Sat or 1st 8 hour Sun)* — *1.85 x hourly rate*
   - *Overtime (over 8 hours Sun or Holidays)* — *2.35 x hourly rate*

F. All work with less than 8 hours rest between shifts will be charged the appropriate overtime rate.

G. Subconsultant invoices will be assessed a 10% Administrative Processing Fee.

H. Project-related mileage for inspections will be billed at the allowable IRS Rate.

I. Payment due on receipt. All payments over 30 days will be assessed a 1.5% interest charge.

J. Client shall pay attorneys' fees, or other costs incurred in collecting delinquent amounts.

K. Client agrees that 4LEAF's liability will be limited to the value of services provided.

L. In accordance with California's Meal Break and Rest Break Law requirements, Client will be billed one (1) additional hour per day at the regular rate for each missed meal or rest break due to Client-directed tasks or requirements. Client should allow 4LEAF's non-exempt, hourly employees the opportunity to take their entitled rest and meal breaks during each work shift.

M. If 4LEAF is requested or otherwise required to conform to Client's alternative work week schedule ("AWW"), Client hereby agrees to compensate or reimburse 4LEAF for all overtime paid to its employees who work an AWW. If 4LEAF's affected employment group approves an AWW election and the same is registered, the overtime compensation/reimbursement shall not be required.

	Year	2024		2025 (3% increase)		2026 (3% increase)		2027 (3% increase)	
Item#	**Professional & Office Staff**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**
POS1	Project Principal	$275	/hour	$283	/hour	$292	/hour	$300	/hour
POS2	Geotechnical Engineer (G.E.)	$275	/hour	$283	/hour	$292	/hour	$300	/hour
POS3	Certified Engineer Geologist (C.E.G.)	$275	/hour	$283	/hour	$292	/hour	$300	/hour
POS5	Registered Professional Engineer	$231	/hour	$238	/hour	$245	/hour	$252	/hour
POS6	Project Manager	$198	/hour	$204	/hour	$210	/hour	$216	/hour
POS7	Staff Engineer	$176	/hour	$181	/hour	$187	/hour	$192	/hour
POS8	Drafting	$132	/hour	$136	/hour	$140	/hour	$144	/hour
POS9	Administrative	$105	/hour	$108	/hour	$111	/hour	$114	/hour
POS11	Review of Welding Documents (WPS)	$193	/hour	$198	/hour	$204	/hour	$210	/hour
POS12	Field Inspection Review & Preparation of Letter (up to 3 visits)	$231	/letter	$238	/letter	$245	/letter	$252	/letter
POS13	Final Inspection Affidavit (up to 20 visits)	$693	/letter	$714	/letter	$735	/letter	$757	/letter
POS14	Final Inspection Affidavit (up to 50 visits)	$1,155	/letter	$1,190	/letter	$1,225	/letter	$1,262	/letter
POS15	Final Inspection Affidavit (up to 100 visits)	$1,760	/letter	$1,813	/letter	$1,867	/letter	$1,923	/letter
POS16	Concrete / Shotcrete / Grout Mixed Design Review – Calculations Only	$341	/each	$351	/each	$362	/each	$373	/each
POS17	Welder Qualification (each position)	$770	/each	$793	/each	$817	/each	$841	/each
POS18	Laboratory Supervisor	$165	/hour	$170	/hour	$175	/hour	$180	/hour
POS19	Laboratory Technician	$132	/hour	$136	/hour	$140	/hour	$144	/hour
	Inspections	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**
INS1	Field Supervisor - Site Visit	$149	/hour	$153	/hour	$158	/hour	$162	/hour
INS2	Special Inspection (Concrete, Post Tension, Masonry, Fireproofing)	$131	/hour	$135	/hour	$139	/hour	$143	/hour
INS3	Special Inspection (Retrofit Epoxy, Expansion Bolt, Proof Load Test)	$131	/hour	$135	/hour	$139	/hour	$143	/hour
INS4	Special Inspection (Soil, Segmental Retaining Wall, Asphalt)	$131	/hour	$135	/hour	$139	/hour	$143	/hour
INS5	Special Inspection (Structural Steel and High-Strength Bolting) ICC	$131	/hour	$135	/hour	$139	/hour	$143	/hour
INS6	Special Inspection (Structural Steel Welding) AWS and ICC	$138	/hour	$142	/hour	$146	/hour	$150	/hour
INS7	Special Inspection (Structural Wood, Shear Wall Nailing)	$162	/hour	$167	/hour	$172	/hour	$177	/hour
INS8	Concrete Slump & Sampling	$131	/hour	$135	/hour	$139	/hour	$143	/hour
INS9	Special Inspection (DSA Masonry - DSA Shotcrete)	$162	/hour	$167	/hour	$172	/hour	$177	/hour
INS10	Material Sampling from Field	$131	/hour	$135	/hour	$139	/hour	$143	/hour
INS11	NACE Level II	$171	/hour	$176	/hour	$181	/hour	$186	/hour
INS12	NDT Level II (UT, MT, PT)	$162	/hour	$167	/hour	$172	/hour	$177	/hour
INS13	NDT Level III	$220	/hour	$227	/hour	$233	/hour	$240	/hour
INS14	Pickup & Delivery of Samples	$105	/hour	$108	/hour	$111	/hour	$114	/hour
INS15	Structural Steel Material Verification	$138	/hour	$142	/hour	$146	/hour	$150	/hour
INS16	CASp/ADA Inspection	$220	/hour	$227	/hour	$233	/hour	$240	/hour
INS17	Concrete Core Drilling (Two-man Crew)	$341	/hour	$351	/hour	$362	/hour	$373	/hour
INS18	SI - CalGreen	$147	/hour	$152	/hour	$156	/hour	$161	/hour

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	Exploratory & Field Testing Equipment	Price	Unit	Price	Unit	Price	Unit	Price	Unit
EQP1	Schmidt Hammer	$11	/hour	$11	/hour	$12	/hour	$12	/hour
EQP2	Torque Test	$11	/hour	$11	/hour	$12	/hour	$12	/hour
EQP3	Pull Test	$35	/hour	$36	/hour	$37	/hour	$38	/hour
EQP5	UT	$44	/hour	$45	/hour	$47	/hour	$48	/hour
EQP6	MT	$44	/hour	$45	/hour	$47	/hour	$48	/hour
EQP7	PT	$44	/hour	$45	/hour	$47	/hour	$48	/hour
EQP8	Nuclear Gauge	$31	/hour	$32	/hour	$33	/hour	$34	/hour
EQP9	Sand-cone	$22	/hour	$23	/hour	$23	/hour	$24	/hour
EQP10	Core Drilling Machine	$83	/hour	$85	/hour	$88	/hour	$90	/hour
EQP11	Torvane	$17	/hour	$17	/hour	$18	/hour	$18	/hour
EQP12	Pocket Penetration	$17	/hour	$17	/hour	$18	/hour	$18	/hour
EQP13	Concrete Scanning	$77	/hour	$79	/hour	$82	/hour	$84	/hour
EQP14	Spray Fireproofing	$33	/hour	$34	/hour	$35	/hour	$36	/hour
EQP15	Paint Intumescent Device	$33	/hour	$34	/hour	$35	/hour	$36	/hour
EQP17	Moisture Measurement for Slab per Kit	$83	/each	$85	/each	$88	/each	$90	/each
EQP19	I-Pile Integrity Tester	$110	/hour	$113	/hour	$117	/hour	$120	/hour
EQP20	Skidmore	$47	/hour	$49	/hour	$50	/hour	$52	/hour
EQP21	High-Strength Bolts Torque Wrench	$33	/hour	$34	/hour	$35	/hour	$36	/hour

	Laboratory Tests Description	ASTM	AASHTO	CTM	Price	Unit	Price	Unit	Price	Unit	Price	Unit
	Concrete											
CONC1	Concrete Compressive Strength Test	C39	T22	521	$55	/each	$57	/each	$58	/each	$60	/each
CONC2	Concrete Drilled Core Compressive Strength Test with Preparation	C42	T24	-	$66	/each	$68	/each	$70	/each	$72	/each
CONC3	Unit Weight of Concrete	C138	T121	518	$61	/each	$62	/each	$64	/each	$66	/each
CONC4	Flexural Test per Beam	C78	-	523	$77	/each	$79	/each	$82	/each	$84	/each
CONC5	Shotcrete Panel Test Coring with Sample Preparation	C1140	-	-	$77	/each	$79	/each	$82	/each	$84	/each
CONC6	Concrete Trial Batches	C94	-	-	Quote	/each	Quote	/each	Quote	/each	Quote	/each
CONC7	Storage Concrete Beyond 28 days	-	-	-	$55	/each	$57	/each	$58	/each	$60	/each
CONC11	Coring / Evaluation of Pre-Constructions Panel (3 cores; Rebar # 3 to 7)	-	-	-	$1,430	/panel	$1,473	/panel	$1,517	/panel	$1,563	/panel
CONC12	Coring / Evaluation of Pre-Constructions Panel (3 cores; Rebar # 8 to 11)	-	-	-	Quote	/panel	Quote	/panel	Quote	/panel	Quote	/panel
CONC13	Coring / Evaluation of Pre-Constructions Panel (3 cores; Rebar above #11)				Quote	/panel	Quote	/panel	Quote	/panel	Quote	/panel
	Masonry											
MASN1	CMU Strength, Unit Weight, Absorption	C140	-	-	$1,430	/set	$1,473	/set	$1,517	/set	$1,563	/set
MASN2	Compression Test, 2" Cube Non-Shrink Grout or Mortar	C109	T106	-	$55	/each	$57	/each	$58	/each	$60	/each
MASN3	Compression Test, Mortar Cylinder (2" x 4")	C780	-	515	$55	/each	$57	/each	$58	/each	$60	/each
MASN4	Compression Test, Grout Prism (3" x 3" x 6")	C1019	-	-	$55	/each	$57	/each	$58	/each	$60	/each
MASN5	Compression Test, Masonry Prism	C1314	-	-	$308	/each	317	/each	327	/each	337	/each
MASN8	Shear Test, Masonry Core	Title 24	-	-	$101	/each	$104	/each	$107	/each	$111	/each

MASN9	Compression/Shear Test, Masonry Core	Title 24	-	-	$152	/each	$156	/each	$161	/each	$166	/each
	Soils												
SOIL1	Full Sieve Particle Size Analysis with Wash	D6913	T88	202	$154	/each	$159	/each	$163	/each	$168	/each
SOIL2	Full Sieve Analysis with Wash - Bulk Sieve (if gravely or > 10 lb.)	D6913	T88	202	$242	/each	$249	/each	$257	/each	$264	/each
SOIL3	Particle - Size Gradation of Fine - Grained Soils with Hydrometer	D7928	T99	216	$253	/each	$261	/each	$268	/each	$276	/each
SOIL5	Modified Proctor Compaction - 4" mold	D1557	T180	216	$341	/each	351	/each	362	/each	373	/each
SOIL6	Modified Proctor Compaction - 6" mold	D1557	T180	216	$407	/each	$419	/each	$432	/each	$445	/each
SOIL7	No. 200 Mesh Wash Particle Size Analysis	D1140	T11	-	$101	/each	$104	/each	$107	/each	$111	/each
SOIL8	Resistance R-Value & Expansion Pressure of Compacted Soils	D2844	T190	301	$385	/each	$397	/each	$408	/each	$421	/each
SOIL9	Consolidation Test	D2435	T216	219	$583	/each	$600	/each	$619	/each	$637	/each
SOIL10	Moisture Content	D2216	T265	226	$44	/each	$45	/each	$47	/each	$48	/each
SOIL11	Expansion Index	D4829	T190	-	$506	/each	521	/each	537	/each	553	/each
SOIL12	Plasticity Index	D4318	T87 - T89 - T90	204	$297	/each	$306	/each	$315	/each	$325	/each
SOIL14	Unified Soil Classification System	D2487	-	-	$495	/each	$510	/each	$525	/each	$541	/each
SOIL15	Moisture Content & Unit Weight (2.0" to 2.5" dia.)	D7263	T99 - T180	-	$50	/each	$51	/each	$53	/each	$54	/each
SOIL19	Unconfined Compressive Strength	D2166	T208	-	$80	/each	$83	/each	$85	/each	$88	/each
SOIL20	Soil Cement	D1633	T38	-	$80	/each	$83	/each	$85	/each	$88	/each
SOIL21	Soil Cement with Cast In Lab	D1633	-	-	$224	/each	231	/each	238	/each	245	/each
SOIL22	Isotropic Triaxial Compression - UU (per point)	D2850	T296	230	$171	/each	$176	/each	$181	/each	$186	/each
SOIL23	Isotropic Triaxial Compression - UU in Saturated Conditions (per point)	D2850	T296	230	$286	/each	$295	/each	$303	/each	$313	/each
SOIL24	Isotropic Triaxial Compression - CU (per point)	D4767	T297	230	$308	/each	$317	/each	$327	/each	$337	/each
SOIL25	Isotropic Triaxial Compression - CU (per point) - pore pressure measurements	D4767	T297	230	$605	/each	$623	/each	$642	/each	$661	/each
SOIL27	California Bearing Ratio (CBR) - without Compaction Curve	D1883	T193	-	$670	/each	$690	/each	$711	/each	$732	/each
SOIL30	Chloride, Sulfate Ion Concentration	D4327	-	417	$132	/each	136	/each	140	/each	144	/each
SOIL34	Minimum Resistivity of Soil	-	-	643	$231	/each	$238	/each	$245	/each	$252	/each
SOIL35	pH of Soils	D4972	T289	643	$58	/each	$60	/each	$62	/each	$64	/each
SOIL37	Organic Content	D2974	T267	-	$138	/each	$142	/each	$146	/each	$150	/each
	Asphalt	**ASTM**	**AASHTO**	**CTM**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**
ASPH2	Moisture Content of Asphalt Mixture	D4643	T329	370	$325	/each	$334	/each	$344	/each	$355	/each
ASPH3	Bulk Specific Gravity and Density of Compacted	D1188/D2726	T275	308	$66	/each	$68	/each	$70	/each	$72	/each
ASPH4	Theoretical Maximum Specific Gravity & Density HMA (Rice)	D2041	T209	309	$253	/each	$261	/each	$268	/each	$276	/each
ASPH5	Asphalt Content by Ignition Method	D6307	-	382	$429	/each	$442	/each	$455	/each	$469	/each
ASPH6	Asphalt Content by Ignition Method - Correction Factor	D6307	-	382	$429	/each	$442	/each	$455	/each	$469	/each
ASPH7	Stabilometer Value / per Point	D5160	-	366	$270	/each	$278	/each	$286	/each	$294	/each
ASPH9	Sieve Analysis of Extracted Aggregate	D5444	-	-	$248	/each	$255	/each	$263	/each	$270	/each
	Aggregate	**ASTM**	**AASHTO**	**CTM**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**
AGG1	Gradation - Coarse Aggregate	C136	T27	202	$341	/each	$351	/each	$362	/each	$373	/each
AGG2	Gradation - Fine Aggregate	C136	T27	202	$286	/each	$295	/each	$303	/each	$313	/each

AGG3	Gradation - Combined Coarse and Fine	C126	T27	202	$528	/each	$544	/each	$560	/each	$577	/each
AGG4	Specific Gravity, Absorption (Fine Aggregate)	C128	T84	208	$264	/each	$272	/each	$280	/each	$288	/each
AGG5	No. 200 Mesh Wash Particle Size Analysis	C117	-	-	$297	/each	$306	/each	$315	/each	$325	/each
AGG6	Moisture Content	C566	T255	226	$50	/each	$51	/each	$53	/each	$54	/each
AGG7	Organic Impurities in Fine Aggregate	C40	T21	213	$182	/each	$187	/each	$193	/each	$198	/each
AGG8	Aggregate Soundness (Magnesium or Sodium Sulfate Soundness)	C88	104	214	$220	/each	$227	/each	$233	/each	$240	/each
AGG9	Evaluating Cleanness of Coarse Aggregate 1" x #4	-	-	227	$220	/each	$227	/each	$233	/each	$240	/each
AGG10	Los Angeles Abrasion 1.5" x 3/4"	-	-	-	$242	/each	$249	/each	$257	/each	$264	/each
AGG14	Sand Equivalent	D2419	T176	217	$160	/each	$164	/each	$169	/each	$174	/each
AGG15	Aggregate Durability Index	D3744	-	229	$264	/each	$272	/each	$280	/each	$288	/each
AGG16	Fractured Particles (Coarse Aggregate Angularity)	D5821	T335	205	$264	/each	$272	/each	$280	/each	$288	/each
AGG18	Percentage of Flat & Elongated Particles in Coarse Aggregate	D4791	-	235	$286	/each	$295	/each	$303	/each	$313	/each
AGG19	Uncompacted Void Content of Fine Aggregates	C1252	T304	234	$231	/each	$238	/each	$245	/each	$252	/each
	Steel	**ASTM**	**AASHTO**	**CTM**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**
STL1	Rebar Tensile Test Up to #8	A370	-	670	$77	/each	$79	/each	$82	/each	$84	/each
STL2	Rebar Tensile Test #9 to #11	A370	-	670	$99	/each	$102	/each	$105	/each	$108	/each
STL3	Rebar Tensile Test #14	A370	-	670	$286	/each	$295	/each	$303	/each	$313	/each
STL4	Rebar Bend Test Up to #8	A370	-	670	$77	/each	$79	/each	$82	/each	$84	/each
STL5	Rebar Bend Test #9 to #11	A370	-	670	$99	/each	$102	/each	$105	/each	$108	/each
STL6	Rebar Bend Test #14	A370	-	670	$286	/each	$295	/each	$303	/each	$313	/each
STL7	Resistance Butt Welds Splices Up to #9	A370	-	670	$116	/each	$119	/each	$123	/each	$126	/each
STL8	Resistance Butt Welds Splices #11 to #14	A370	-	670	$242	/each	$249	/each	$257	/each	$264	/each
STL9	Mechanical Splices Up to #8	A370	-	670	$275	/each	$283	/each	$292	/each	$300	/each
STL10	Mechanical Splices #9 to #14	A370	-	670	$429	/each	$442	/each	$455	/each	$469	/each
STL11	7 Wires Strands	A1034	-	670	$385	/each	$397	/each	$408	/each	$421	/each
STL12	Sample Preparation	-	-	-	$99	/hour	$102	/hour	$105	/hour	$108	/hour
STL13	High-Strength Bolt, Nut & Washer for ASTM A325, A490 Skidmore Test	-	-	-	$88	/each	$91	/each	$93	/each	$96	/each
STL14	AWS D1.1 - 3/8" Plate per Position (Tensile)	A370	-	-	$66	/each	$68	/each	$70	/each	$72	/each
STL15	AWS D1.1 - 1" Plate per Position (Tensile)	A370	-	-	$99	/each	$102	/each	$105	/each	$108	/each
STL16	AWS D1.1 - 3/8" Plate per Position (Bend)	A370	-	670	$61	/each	$62	/each	$64	/each	$66	/each
STL17	AWS D1.1 - 1" Plate per Position (Bend)	A370	-	670	$99	/each	$102	/each	$105	/each	$108	/each
STL18	Headed Bars Up to #8	A970	-	-	$99	/each	$102	/each	$105	/each	$108	/each
STL19	Headed Bars #9 to #11	A970	-	670	$149	/each	$153	/each	$158	/each	$162	/each
STL20	Headed Bars #14	-	-	687	$303	/each	$312	/each	$321	/each	$331	/each
STL21	Enviro-Recycling Fee	-	-	-	$6	/each	$6	/each	$6	/each	$6	/each
	Miscellaneous	**ASTM**	**AASHTO**	**CTM**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**	**Price**	**Unit**
MISC1	Spray-Applied Fireproof Density	E605	-	-	$55	/each	$57	/each	$58	/each	$60	/each
MISC2	Contract Labor				At Cost + 20%		At Cost + 20%		At Cost + 20%		At Cost + 20%	

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MISC3	Outside Services	At Cost + 20%		At Cost + 20%		At Cost + 20%		At Cost + 20%	
MISC4	Per Diem (or at cost, if higher)	$187	/day	$193	/day	$198	/day	$204	/day
MISC6	Notarized Doc Processing	$50	/each	$51	/each	$53	/each	$54	/each
MISC7	Travel Time	$66	/hour	$68	/hour	$70	/hour	$72	/hour
MISC8	Mileage	$0.72	/mile	$1	/mile	$1	/mile	$1	/mile

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ANCHOR

ANCHOR 2024 – 2026 Fee Schedule			
Principal	**2024**	**2025**	**2026**
Forensic Engineer/Expert Witness	$ 394	$ 406	$ 418
Principal Consultant	$ 360	$ 371	$ 382
Principal-in-Charge	$ 300	$ 309	$ 318
Engineer/Manager			
Project Principal Engineer/CM	$ 264	$ 272	$ 280
Senior Engineer/CM	$ 239	$ 246	$ 254
Associate Engineer/CM	$ 211	$ 217	$ 224
Staff Engineer/CM Level 4 (PE or equivalent)	$ 193	$199	$ 205
Staff Engineer/CM Level 3 (PE or equivalent)	$ 180	$ 185	$ 191
Staff Engineer/CM Level 2 (EIT or equivalent)	$ 154	$ 159	$163
Staff Engineer/Deputy CM Level 1	$ 127	$ 131	$ 135
Engineering Technician			
Scheduler/Estimator	$ 249	$ 256	$ 264
Senior Engineering Technician	$ 172	$ 177	$ 182
Mid Engineering Technician	$ 135	$ 139	$ 143
Engineering Technician	$ 108	$ 111	$ 115
Junior Engineer/Assistant	$ 122	$ 126	$ 129
Inspector			
Construction Representative/Senior Inspector	$ 196	$ 202	$ 208
Prevailing Wage Building/Construction Inspector	$ 184	$ 190	$ 195
Prevailing Wage Soils/AC Inspector	$ 184	$190	$ 195
Project Administrative Staff			
Senior Contract Administrator/Senior Contract Manager	$ 172	$ 177	$ 182
Bookkeeper	$ 172	$ 177	$ 182
Contract Administrator/Contract Manager	$ 120	$ 124	$ 127
Contract Administration Assistant	$ 82	$ 84	$87

Notes:

1. For Inspectors, field vehicles will be billed at $1,700/month; cell phone and mobile broadband service billed at $90/mo.
2. Mileage reimbursement per IRS published rate.
3. Other direct costs (ODCs) are billed at cost.
4. Subconsultant fees are billed separately at cost plus 10%.
5. 4- and 8-hour minimums apply for cancellations, tasks requiring travel, and legal appearances.
6. Contract project staff will be billed at the contract rate for legal work and appearances, with yearly escalations applied.
7. Inspector rates meet requirements of the California Department of Industrial Relations.
8. Overtime and double-time hours will be billed at 1.5x and 2.0x stated rates.
9. Special shift hours will be billed at 1.1x stated, overtime and double time rates.
10. Rates for future calendar years will be increased by 3% annually on January 1 of each year.

TOTAL BURDENED LABOR BASIC RATE

CONSULTANT CLASSIFICATION	2024	2025	2026
Resident Engineer/Construction Manager/Structure Representative	$195.00	$200.85	$206.88
Bridge Inspector	$175.00	$180.25	$185.66
Construction Inspector	$155.00	$159.65	$164.44
Administrative	$100.00	$103.00	$106.09

Charge Rates Applicable from January 1 thru December 31 for each calendar year.

Annual percent escalation: 3%

Basis of Charges

Weekdays	Basic Rate
Over 8 hours & Saturdays	1.5 x Basic Rate
Sundays/Holiday & over 8 hours on Saturday	2 x Basic Rate

ARDURRA

ARDURRA GROUP, INC. (CALIFORNIA)
2024 Standard Billing Rate Schedule
Rates Effective through December 31, 2024
(Future years subject to review for Consumer Price Index escalation or 3%, whichever is greater)

PROJECT/CONSTRUCTION MANAGEMENT / INSPECTION SERVICES

STAFF	REGULAR TIME RATE[1]	OVERTIME MON-FRI[2]	OVERTIME SAT[1]	OVERTIME SUNDAY/ HOLIDAY
Principal	$330	–	–	–
Principal Construction Manager	$290	–	–	–
Project Executive/QA/QC Manager	$290	–	–	–
Senior Program Manager	$280	–	–	–
Program Manager	$265	–	–	–
Senior Project Manager	$260	–	–	–
Project Manager	$230	–	–	–
Assistant Project Manager	$180	–	–	–
Structures Representative	$270	–	–	–
Senior Construction Manager	$260	–	–	–
Construction Manager	$230	–	–	–
Assistant Construction Manager	$180	–	–	–
Project Controls Engineer, Labor Compliance	$165	–	–	–
Documents Control, Administration	$135	–	–	–
PE Licensed Inspector (Prevailing and Non-Prevailing Wage) [3, 5, 6]	$205	$287	$287	$369
PE Licensed Inspector (Prevailing and Non-Prevailing Wage - Special Shift) [3, 4, 5, 6]	$210	$294	$294	$378
Public Works Inspector (Prevailing Wage) [3, 5, 6]	$198	$277	$277	$356
Public Works Inspector (Prevailing Wage - Special Shift) [3, 4, 5, 6]	$202	$283	$283	$364
Accessibility Expert/CASp Inspector [6]	$305	$427	$427	$549
DSA/OSHPD Inspector of Record [6]	$225	$315	$315	$405
Deputy Inspection (Prevailing Wage) [3, 5, 6]	$185	$259	$259	$333
NDT Testing (Prevailing Wage) [3, 5, 6]	$185	$259	$259	$333
Public Works Inspector (Non-Prevailing Wage) [5]	$165	$231	$231	$297

identification, tree surveys, tree care and pruning, tree coring and ecological data collection, tree protection plans, construction monitoring, and landscape designs and has been with BioMaAS for ten years. Her landscape design computer skills include AutoCAD, Vectorworks, and SketchUp. She also works as an on-call maintenance gardener where she prunes trees and shrubs. Her professional experience and education in tree identification, arboriculture, plant diseases, soil management, tree pruning, and landscape design qualify her for the ISA arborist certification exam which she plans to take soon.

Bill Stagnaro, Principal/Project Manager/agreement signatory. Mr. Stagnaro will be the primary point of contact and be responsible for supervising all BioMaAS staff associated with this project. He will also provide final review of reports and data analysis, and quality assurance. He will be the primary person responsible for contractual terms and amendments. Mr. Stagnaro is available for any requests from the Department's staff and for senior managing responsibilities. billstagnaro@biomaas.com.

Rates

Name	Title	Rate
Stefanie Nisich	ISA Certified Arborist/Biologist/EI	$113/hr
Michele Lee	Landscape Designer/Botanist/Arborist	$113/hr
Aaron Sunshine	ISA Certified Arborist/Biologist/EI	$113/hr
Bill Stagnaro	Principal/Project Manager	$163/hr

BKF ENGINEERS PROFESSIONAL SERVICES RATE SCHEDULE

EFFECTIVE JANUARY 1, 2024

CLASSIFICATION	HOURLY RATE
PROJECT MANAGEMENT	
Principal	$302.00
Senior Associate Principal	$280.00
Associate Principal	$273.00
Senior Project Manager | Senior Technical Manager	$265.00
Project Manager | Technical Manager	$260.00
Engineering Manager | Surveying Manager | Planning Manager	$239.00
TECHNICAL STAFF	
Senior Project Engineer | Senior Project Surveyor | Senior Project Planner	$222.00
Project Engineer | Project Surveyor | Project Planner	$195.00
Design Engineer | Staff Surveyor | Staff Planner	$170.00
BIM Specialist I, II, III	$170.00 - $195.00 - $222.00
Technician I, II, III, IV	$162.00 - $172.00 - $189.00 - $203.00
Drafter I, II, III, IV	$127.00 - $139.00 - $150.00 - $167.00
Engineering Assistant | Surveying Assistant | Planning Assistant	$106.00
FIELD SURVEYING	
Survey Party Chief	$222.00
Instrument Person	$190.00
Survey Chainperson	$143.00
Utility Locator I, II, III, IV	$116.00 - $164.00 - $197.00 - $224.00
Apprentice I, II, III, IV	$88.00 - $118.00 - $130.00 - $138.00
CONSTRUCTION ADMINISTRATION	
Senior Consultant	$290.00
Senior Construction Administrator	$253.00
Resident Engineer	$188.00
Field Engineer I, II, III	$170.00 - $195.00 - $222.00
FUNDING & GRANT MANAGEMENT	
Director of Funding Strategies	$208.00
Funding Strategies Manager	$190.00
Funding/Research Analyst I, II, III, IV	$130.00 - $150.00 - $160.00 - $176.00
PROJECT ADMINISTRATION	
Project Coordinator	$142.00
Senior Project Assistant	$122.00
Project Assistant	$108.00
Clerical | Administrative Assistant	$90.00

Expert witness rates are available upon request.

Subject to the terms of a services agreement:

- Charges for outside services, equipment, materials, and facilities not furnished directly by BKF Engineers will be billed as reimbursable expenses at cost plus 10%. Such charges may include, but shall not be limited to: printing and reproduction services; shipping, delivery, and courier charges; subconsultant fees and expenses; agency fees; insurance; transportation on public carriers; meals and lodging; and consumable materials.
- Allowable mileage will be charged at the prevailing IRS rate per mile.
- Monthly invoices are due within 30 days from invoice date. Interest will be charged at 1.5% per month on past due accounts.
- The rates shown are subject to periodic increases, including January 1st of each year.

Rates*

JOB TITLE	YEAR 1 $/HR	YEAR 2 $/HR	YEAR 3 $/HR
Client Services Manager/Project Director	$350 - $420	$361 - $433	$372 - $446
Project Manager/Task Manager	$260 - $360	$268 - $371	$276 - $382
Technical Advisor, QA/QC	$280 - $420	$288 - $433	$297 - $446
Engineering Manager/Consulting Manager	$200 - $300	$206 - $309	$212 - $318
Feasibility & Process Evaluation Engineers/Consultants	$190 - $270	$196 - $278	$202 - $286
Renewable Energy Specialist	$190 - $300	$196 - $309	$202 - $318
Condition Assessment	$220 - $320	$227 - $330	$234 - $340
Risk Management	$300 - $450	$309 - $464	$318 - $478
Pump Stations	$200 - $250	$206 - $258	$212 - $266
Hydraulics	$220 - $260	$227 - $268	$234 - $276
I&C	$140 - $300	$144 - $309	$148 - $318
Electrical	$150 - $260	$155 - $268	$160 - $276
Structural	$160 - $240	$165 - $247	$170 - $254
Mechanical	$200 - $280	$206 - $288	$212 - $297
Geotechnical	$300 - $380	$309 - $391	$318 - $403
Corrosion	$190 - $250	$196 - $258	$202 - $266
Construction Management	$300 - $350	$309 - $361	$318 - $372
Operations and Troubleshooting	$260 - $300	$268 - $309	$276 - $318
Project Engineer/Senior Analyst	$185 - $250	$191 - $258	$197 - $266
Staff Engineer/Analyst	$130 - $215	$134 - $221	$138 - $228
Engineering Intern	$80 - $110	$82 - $113	$84 - $116
CAD Technician/Designer	$150 - $215	$155 - $221	$160 - $228
CAD Technician	$100 - $150	$103 - $155	$106 - $160
Estimator	$225 - $280	$232 - $288	$239 - $297
Project Controls	$165 - $190	$170 - $196	$175 - $202
Project Accountant/Finance	$110 - $160	$113 - $165	$116 - $170
Project Administrator	$100 - $150	$103 - $155	$106 - $160

*Year 1 = 03/01/2024 through 02/28/2025; Year 2 = 03/01/205 through 02/28/2026, and Year 3 = 03/01/2026 through 02/28/2027.

NOTES:

1. Labor costs will be billed as actual hours charged to the project/task order by Black & Veatch personnel in accordance with the labor rates shown in the rate schedule.

PERSONNEL RATES

PROFESSIONAL STAFF	**2024**	**2025**	**2026**	**2027**
Principal	$ 294.00	$ 303.00	$ 312.00	$ 321.00
Senior Professional	$ 258.00	$ 266.00	$ 274.00	$ 282.00
Project Professional II	$ 242.00	$ 249.00	$ 256.00	$ 264.00
Project Professional I	$ 206.00	$ 212.00	$ 218.00	$ 225.00
Staff Professional II	$ 180.00	$ 185.00	$ 191.00	$ 197.00
Staff Professional I	$ 160.00	$ 165.00	$ 170.00	$ 175.00
Project Administrator	$ 113.00	$ 116.00	$ 119.00	$ 123.00
Administrative Assistant / Clerical	$ 103.00	$ 106.00	$ 109.00	$ 112.00
Seismic GIS	$ 227.00	$ 234.00	$ 241.00	$ 248.00
GIS Specialist	$ 196.00	$ 202.00	$ 208.00	$ 214.00
Information Specialist II	$ 185.00	$ 191.00	$ 197.00	$ 203.00
Information Specialist I	$ 165.00	$ 170.00	$ 175.00	$ 180.00
CAD	$ 124.00	$ 128.00	$ 132.00	$ 136.00
Litigation support		1.5x standard rate		

TECHNICAL STAFF	**2024**	**2025**	**2026**	**2027**
Group 1 - Special Inspector	$ 175.00	$ 180.00	$ 185.00	$ 191.00
Group 2 - Special Inspector	$ 170.00	$ 175.00	$ 180.00	$ 185.00
Group 3 - Engineering Technician	$ 150.00	$ 155.00	$ 160.00	$ 165.00
Group 3 - Geotechnical Professional	$ 191.00	$ 197.00	$ 203.00	$ 209.00
Group 3 - Environmental Professional	$ 191.00	$ 197.00	$ 203.00	$ 209.00
Group 4 - Technician	$ 134.00	$ 138.00	$ 142.00	$ 146.00
Ground Penetrating Radar Scanning Technician	$ 324.00	$ 334.00	$ 344.00	$ 354.00
Core Drilling Technician	$ 252.00	$ 260.00	$ 268.00	$ 276.00
Floor Flatness Testing Technician	$ 216.00	$ 222.00	$ 229.00	$ 236.00
Sample Pickup / Transportation / Delivery	$ 124.00	$ 128.00	$ 132.00	$ 136.00
Laboratory Technician	$ 134.00	$ 138.00	$ 142.00	$ 146.00

OTHER RATES

BASIS OF CHARGES FOR FIELD TECHNICIAN SERVICES	**2024-2027**
Field Work from 0 to 4 hours	Bill 4 hours
Field Work from 4 to 6 hours	Bill 6 hours
Field Work from 6 to 8 hours	Bill 8 hours
Field Work over 8 hours / Saturdays	Bill time and a half base rate (1.5x)
Sundays, holidays and over 12 hours	Bill two times base rate (2x)
Night Shift (Shift commencing after 2pm / before 4am)	Base Rate x 12.5%
Show-up time (no work performed), minimum charge	Bill 2 hours
Sample or cylinder pickup, minimum charge	Bill 2 hours

REIMBURSABLES	**2024**	**2025**	**2026**	**2027**
Mileage - 2x2 vehicle (Portal to Portal)	$1.00/mile or the IRS rate + 15%, whichever is higher			
Mileage - 4x4 vehicle (Portal to Portal)	$2.00/mile or the IRS rate + 15%, whichever is higher			
Per Diem (as required)	Quote / $250.00 min.			
Bridge Toll	Cost + 15%			
Parking Fees	Cost + 15%			
Subconsultant/Subcontractor Services, Vendors, and Expenses	Cost + 15%			

BSK SERVICES / DIR / PREVAILING WAGE ADMINISTRATION FEES	**2024**	**2025**	**2026**	**2027**
Certified Payroll / DIR Upload (Monthly) - per project	$ 300.00	$ 309.00	$ 318.00	$ 328.00
Non-Performance Certified Payroll / DIR Upload (Monthly) - per project	$ 100.00	$ 103.00	$ 106.00	$ 109.00
Subcontractor Management / Compliance Forms (Monthly) - per project	$ 100.00	$ 103.00	$ 106.00	$ 109.00
Additional LCP Tracker or Other Compliance Software (Monthly) - per project	$ 200.00	$ 206.00	$ 212.00	$ 218.00
Additional Special Forms, as required (Monthly) - per project	$ 150.00	$ 155.00	$ 160.00	$ 165.00

OTHER RATES (CONTINUED)

EQUIPMENT USAGE FEES	2024	2025	2026	2027
Nuclear Gauge (Day)	$ 72.00	$ 74.00	$ 76.00	$ 78.00
Skidmore Wilhelm Calibrator (Day)	$ 72.00	$ 74.00	$ 76.00	$ 78.00
NDT Weld Testing Equipment - UT/MT/PT (Day)	$ 72.00	$ 74.00	$ 76.00	$ 78.00
Proof Load Testing Equipment (Day)	$ 72.00	$ 74.00	$ 76.00	$ 78.00
Torque Wrench (Day)	$ 72.00	$ 74.00	$ 76.00	$ 78.00
GPR Scanning Equipment (Day)	$ 335.00	$ 345.00	$ 355.00	$ 366.00
Rebar Locator/Pachometer (Day)	$ 132.00	$ 136.00	$ 140.00	$ 144.00
Hand Auger (Day)	$ 155.00	$ 160.00	$ 165.00	$ 170.00
Water Meter (Day)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
Hand-held GPS (Day)	$ 100.00	$ 103.00	$ 106.00	$ 109.00
Drilling Kit - Paint, stakes and lath - (Project)	$ 35.00	$ 36.00	$ 37.00	$ 38.00
Drilling Supplies - Tubes / Caps (Project)	$ 361.00	$ 372.00	$ 383.00	$ 394.00
Manometer (Day)	$ 254.00	$ 262.00	$ 270.00	$ 278.00
Double Ring Infiltrometer (Day)	$ 657.00	$ 677.00	$ 697.00	$ 718.00

ANALYSIS SOFTWARE USAGE FEES	2024	2025	2026	2027
gINT (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
LPile (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
APile (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
SHAFT (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
GROUP (Project)	$ 131.00	$ 135.00	$ 139.00	$ 143.00
Cliq (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
LiquefyPro (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
LiqIT (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
Slide (Project)	$ 131.00	$ 135.00	$ 139.00	$ 143.00
Settle3D (Project)	$ 131.00	$ 135.00	$ 139.00	$ 143.00
Cpet-IT (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
LiqSVs (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
ArcGIS (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
Surfer (Project)	$ 67.00	$ 69.00	$ 71.00	$ 73.00
Seep/W (Project)	$ 131.00	$ 135.00	$ 139.00	$ 143.00

MATERIALS LABORATORY TEST RATES

SOILS	**2024**	**2025**	**2026**	**2027**
Modified or Standard Proctor - 4" or 6" Mold (ASTM / AASHTO)	$ 330.00	$ 340.00	$ 350.00	$ 361.00
Proctor with Oversize Material (ASTM / AASHTO)	$ 412.00	$ 424.00	$ 437.00	$ 450.00
Proctor Check Point (All Methods)	$ 176.00	$ 181.00	$ 186.00	$ 192.00
Caltrans Maximum Wet Density (CT 216)	$ 278.00	$ 286.00	$ 295.00	$ 304.00
Minus 200 Wash Soil (ASTM D1140)	$ 108.00	$ 111.00	$ 114.00	$ 117.00
Moisture Content of Soils (ASTM D2216)	$ 56.00	$ 58.00	$ 60.00	$ 62.00
Plasticity Index (ASTM D4318)	$ 284.00	$ 293.00	$ 302.00	$ 311.00
Expansion Index of Soils (UBC No. 29)	$ 305.00	$ 314.00	$ 323.00	$ 333.00
Collapse Potential of Soils (ASTM D2435)	$ 265.00	$ 273.00	$ 281.00	$ 289.00
Organic Impurities (ASTM C40 / CT 213)	$ 108.00	$ 111.00	$ 114.00	$ 117.00
Tube Density & Moisture Content of Soil	$ 56.00	$ 58.00	$ 60.00	$ 62.00
Visual Classification (ASTM D2488)	$ 56.00	$ 58.00	$ 60.00	$ 62.00
Hydrometer (ASTM D422 / CT 203)	$ 309.00	$ 318.00	$ 328.00	$ 338.00
Double Hydrometer (ASTM D4221)	$ 406.00	$ 418.00	$ 431.00	$ 444.00
Uncompacted Void Content (CT 234 / AASHTO T304)	$ 144.00	$ 148.00	$ 152.00	$ 157.00
Sand Density Calibration (ASTM D1566)	$ 227.00	$ 234.00	$ 241.00	$ 248.00
Minimum Resistivity of Soils (CT 643)	$ 182.00	$ 187.00	$ 193.00	$ 199.00
Consolidation (ASTM D2435) 2/2 Time Rates	$ 543.00	$ 559.00	$ 576.00	$ 593.00
Consolidation (ASTM D2435) w/ No Tim Rates	$ 361.00	$ 372.00	$ 383.00	$ 394.00
Uncofined Compression Strength, Soil (ASTM D2166)	$ 144.00	$ 148.00	$ 152.00	$ 157.00
Remolded Consolidation (ASTM D2435)	$ 459.00	$ 473.00	$ 487.00	$ 502.00
Minimum Index Density Soils (ASTM D4254)	$ 90.00	$ 93.00	$ 96.00	$ 99.00
Direct Shear Remolded (ASTM D3080)	$ 340.00	$ 350.00	$ 361.00	$ 372.00
Direct Shear (ASTM D3080)	$ 284.00	$ 293.00	$ 302.00	$ 311.00
Remolded Direct Shear (ASTM D3080)	$ 340.00	$ 350.00	$ 361.00	$ 372.00
Remolded Flexwall Perm (ASTM D5084)	$ 725.00	$ 747.00	$ 769.00	$ 792.00
% Crushed Particles / Fractured Particles (CT 205/AASHTO T335)	$ 214.00	$ 220.00	$ 227.00	$ 234.00
'% Flat & Elongated (ASTM D4791)	$ 164.00	$ 169.00	$ 174.00	$ 179.00
Minus 200 Wash/Aggregate (ASTM C117)	$ 108.00	$ 111.00	$ 114.00	$ 117.00
Sieve Analysis w/ Wash (ASTM C136 / CT 202 / AASHTO T27)	$ 221.00	$ 228.00	$ 235.00	$ 242.00
Sieve Analysis - Coarse Only (ASTM C136 / CT 202 / AASHTO T27)	$ 108.00	$ 111.00	$ 114.00	$ 117.00
Coarse Specific Gravity / Absorption (ASTM C127/CT 206/AASHTO T85)	$ 206.00	$ 212.00	$ 218.00	$ 225.00
Fine Specific Gravity / Absorption (ASTM C128/CT 207/AASHTO T84)	$ 206.00	$ 212.00	$ 218.00	$ 225.00
Sand Equivalent (ASTM D2419 / CT 217 / AASHTO T176)	$ 164.00	$ 169.00	$ 174.00	$ 179.00
Durability Index (CT 229)	$ 324.00	$ 334.00	$ 344.00	$ 354.00

MATERIALS LABORATORY TEST RATES (CONTINUED)

SOILS (CONTINUED)	**2024**	**2025**	**2026**	**2027**
Abrasion by LA Rattler, Large Size (ASTM C131/CT 211/AASHTO T96)	$ 371.00	$ 382.00	$ 393.00	$ 405.00
Abrasion by LA Rattler, Small Size (ASTM C131/CT 211/AASHTO T96)	$ 305.00	$ 314.00	$ 323.00	$ 333.00
Cleanness Value of Aggregate (CT 227)	$ 234.00	$ 241.00	$ 248.00	$ 255.00
Aggregate Wt pcf Compacted (ASTM C 29)	$ 114.00	$ 117.00	$ 121.00	$ 125.00
Gradation-Rip Rap - Per Sieve (D5519-Method A)	$ 293.00	$ 302.00	$ 311.00	$ 320.00
Sodium Sulfate Soundness-Min. Charge (ASTM C88/CT 214/AASHTO T104)	$ 453.00	$ 467.00	$ 481.00	$ 495.00
Sodium Sulfate Soundness-Per Sieve (ASTM C88/CT 214/AASHTO T104)	$ 144.00	$ 148.00	$ 152.00	$ 157.00
R-Value of Soils (CT 301)	$ 464.00	$ 478.00	$ 492.00	$ 507.00
Soil Cement Compression - Set (ASTM D1633)	$ 309.00	$ 318.00	$ 328.00	$ 338.00
CIR / FDR Compressive Strength Testing - Set	$ 309.00	$ 318.00	$ 328.00	$ 338.00
CIR / FDR Sample Preparation / Compaction	$ 283.00	$ 291.00	$ 300.00	$ 309.00
CBR (ASTM D1883/AASHTO T-180)	$ 1,288.00	$ 1,327.00	$ 1,367.00	$ 1,408.00
Preparation of Soil-Cement Samples	$ 975.00	$ 1,004.00	$ 1,034.00	$ 1,065.00
Soluble Sulfate Chloride & Sulfide	$ 169.00	$ 174.00	$ 179.00	$ 184.00
pH Sulphate & Chloride	$ 85.00	$ 88.00	$ 91.00	$ 94.00
% Lumps/Friable Particles (ASTM C142)	$ 105.00	$ 108.00	$ 111.00	$ 114.00
'% Organics in Soil (ASTM D2974)	$ 177.00	$ 182.00	$ 187.00	$ 193.00

HOT MIX ASPHALT	**2024**	**2025**	**2026**	**2027**
JMF Mix Design, Superpave / Caltrans	$ 11,612.00	$ 11,960.00	$ 12,319.00	$ 12,689.00
JMF Verification - HMA - Superpave / Caltrans	$ 6,729.00	$ 6,931.00	$ 7,139.00	$ 7,353.00
JMF Production Startup - Superpave / Caltrans	$ 6,260.00	$ 6,448.00	$ 6,641.00	$ 6,840.00
RAP Material Testing - Additional Fee	$ 814.00	$ 838.00	$ 863.00	$ 889.00
Rubberized RHMA Material - Additional Fee	$ 1,879.00	$ 1,935.00	$ 1,993.00	$ 2,053.00
JMF Mix Design, HVEEM	$ 4,017.00	$ 4,138.00	$ 4,262.00	$ 4,390.00
JMF Mix Design, Marshall	$ 4,766.00	$ 4,909.00	$ 5,056.00	$ 5,208.00
Open Graded Asphalt Optimum Bitumen Content (CT 368)	$ 2,869.00	$ 2,955.00	$ 3,044.00	$ 3,135.00
Gyratory Compaction - Set of 3 (AASHTO T312)	$ 434.00	$ 447.00	$ 460.00	$ 474.00
Hamburg Wheel Track (AASHTO T324)	$ 2,575.00	$ 2,652.00	$ 2,732.00	$ 2,814.00
Tensile Strength Ratio (CT 371 / AASHTO T283)	$ 1,421.00	$ 1,464.00	$ 1,508.00	$ 1,553.00
Marshall Maximum Density (ASTM D6926)	$ 379.00	$ 390.00	$ 402.00	$ 414.00
Marshall Stability & Flow (ASTM D6927)	$ 324.00	$ 334.00	$ 344.00	$ 354.00
Bitumen Content - Ignition (ASTM D6307 / CT382 / AASHTO T308)	$ 290.00	$ 299.00	$ 308.00	$ 317.00
Oil Content Correction Factor (ASTM D6307 / CT 382 / AASHTO T308)	$ 676.00	$ 696.00	$ 717.00	$ 739.00
Gradation from Extraction (ASTM D5444 / AASHTO T30)	$ 176.00	$ 181.00	$ 186.00	$ 192.00

MATERIALS LABORATORY TEST RATES (CONTINUED)

HOT MIX ASPHALT (CONTINUED)	**2024**	**2025**	**2026**	**2027**
Bulk Specific Gravity (CT308 / AASHTO T275 / ASTM D2726)	$ 82.00	$ 84.00	$ 87.00	$ 90.00
HMA Theo. Max Density Rice Method (ASTM D2041 / CT 309 / AASHTO T209)	$ 324.00	$ 334.00	$ 344.00	$ 354.00
Volumetric Calculations (VMA, VFA, DP, AV, Eff. Calcs)	$ 69.00	$ 71.00	$ 73.00	$ 75.00
Moisture Content of Asphalt (CT 370 / AASHTO T329)	$ 85.00	$ 88.00	$ 91.00	$ 94.00
Film Stripping	$ 114.00	$ 117.00	$ 121.00	$ 125.00
Compaction/Preparation of HMA Briquette (CT 304)	$ 284.00	$ 293.00	$ 302.00	$ 311.00
Stabilometer Value - Set of 3 (CT366)	$ 361.00	$ 372.00	$ 383.00	$ 394.00
Lab Mixed TSR - Moisture Induced Damage (AASHTO T283 / CT 371)	$ 1,906.00	$ 1,963.00	$ 2,022.00	$ 2,083.00
Calculated AC Maximum Density (CT 367)	$ 129.00	$ 133.00	$ 137.00	$ 141.00
Thickness Determination of AC Cores	$ 28.00	$ 29.00	$ 30.00	$ 31.00

CONCRETE & MASONRY	**2024**	**2025**	**2026**	**2027**
Compression Test Concrete - Per Cylinder (ASTM C39)	$ 36.00	$ 37.00	$ 38.00	$ 39.00
Compression Test Concrete - Set of 4/5 (ASTM C39)	$ 176.00	$ 181.00	$ 186.00	$ 192.00
Compression Test of Core (ASTM C42)	$ 78.00	$ 80.00	$ 82.00	$ 84.00
Compressive Strength of Shotcrete Panel	$ 412.00	$ 424.00	$ 437.00	$ 450.00
Compression Test Composite CMU Prism (1)	$ 214.00	$ 220.00	$ 227.00	$ 234.00
Compression Test Grout (Set of 4)	$ 156.00	$ 161.00	$ 166.00	$ 171.00
Compression Test Mortar (Set of 3)	$ 142.00	$ 146.00	$ 150.00	$ 155.00
Flexural Test per Beam (ASTM C78 / CT 523)	$ 115.00	$ 118.00	$ 122.00	$ 126.00
Linear Shrinkage - Set of 3 (ASTM C157)	$ 515.00	$ 530.00	$ 546.00	$ 562.00
Unit Weight Lt Wt Concrete (ASTM C567)	$ 72.00	$ 74.00	$ 76.00	$ 78.00
Splitting Tensile Strength of Concrete (ASTM C496)	$ 155.00	$ 160.00	$ 165.00	$ 170.00
Compressive Strength CMU Block (ASTM C140)	$ 247.00	$ 254.00	$ 262.00	$ 270.00
Comp. Strength, SG, & Abs. of CMU - Per Block (ASTM C140)	$ 284.00	$ 293.00	$ 302.00	$ 311.00
Masonry Linear Shrinkage (ASTM C426)	$ 522.00	$ 538.00	$ 554.00	$ 571.00

MATERIALS LABORATORY TEST RATES (CONTINUED)				
METALS & FIREPROOFING	**2024**	**2025**	**2026**	**2027**
Tensile & Bend of Rebar #3-11	$ 192.00	$ 198.00	$ 204.00	$ 210.00
Slip and Tensile Rebar Couplers (CT 670)	$ 278.00	$ 286.00	$ 295.00	$ 304.00
Bolt Proof & Ultimate Load	$ 183.00	$ 188.00	$ 194.00	$ 200.00
Bolt Hardness - Set of 3	$ 129.00	$ 133.00	$ 137.00	$ 141.00
Nut Proof Load - Set of 3	$ 183.00	$ 188.00	$ 194.00	$ 200.00
Nut Hardness - Set of 3	$ 129.00	$ 133.00	$ 137.00	$ 141.00
Washer Hardness - Set of 3	$ 129.00	$ 133.00	$ 137.00	$ 141.00
Dry Density Fireproofing (ASTM E605)	$ 123.00	$ 127.00	$ 131.00	$ 135.00
Brinell Hardness of Steel (ASTM E10)	$ 129.00	$ 133.00	$ 137.00	$ 141.00
Rockwell Hardness of Steel (ASTM E18)	$ 129.00	$ 133.00	$ 137.00	$ 141.00
Face Bend of Steel Coupon	$ 78.00	$ 80.00	$ 82.00	$ 84.00
Root Bend of Weld Coupon	$ 78.00	$ 80.00	$ 82.00	$ 84.00
Side Bend of Weld Coupon	$ 78.00	$ 80.00	$ 82.00	$ 84.00
Tensile Test of Steel Coupon	$ 108.00	$ 111.00	$ 114.00	$ 117.00
Bend Test of Steel Coupon	$ 93.00	$ 96.00	$ 99.00	$ 102.00
Adhesion / Cohesion Fireproofing Materials	$ 164.00	$ 169.00	$ 174.00	$ 179.00

ESCALATION: The rates presented herein are subject to an annual escalation rate of 3% effective on January 1st of each year subsequent to December 31, 2027.

6. RATES

ROLE	HOURLY RATE
Principal	$280
Project Manager	$230
Project Architect	$200
Architectural Designer	$150
Senior Engineer	$230
Engineer	$175
Senior Commissioning Agent	$220
Commissioning Agent	$175
Cost Estimator	$240
CAD Designer II	$110
CAD Designer I	$70
Project Coordinator	$100
Administrative	$90

6. RATES

www.callanderassociates.com

Recreate
Educate
Live+Work
Connect
Sustain

Standard Schedule of Compensation 2024-2026 San Jose & Burlingame

GENERAL

The following list of fees and reimbursable expense items shall be used in the provision of services described in the agreement. These amounts shall be adjusted in January, upon issuance of an updated Standard Schedule of Compensation:

Hourly Rates

	2024	2025	2026
Principal	$250/hour	$258/hour	$266/hour
Senior Associate	$227/hour	$234/hour	$241/hour
Associate	$216/hour	$222/hour	$229/hour
Arborist/Construction Manager	$190/hour	$196/hour	$202/hour
Senior Project Manager	$196/hour	$202/hour	$208/hour
Project Manager 1	$187/hour	$193/hour	$199/hour
Project Manager 2	$178/hour	$183/hour	$188/hour
Job Captain	$164/hour	$169/hour	$174/hour
Designer 1	$154/hour	$159/hour	$164/hour
Designer 2	$140/hour	$144/hour	$148/hour
Assistant Designer	$125/hour	$129/hour	$133/hour
Accounting	$189/hour	$195/hour	$201/hour
Senior Project Administrator	$144/hour	$148/hour	$152/hour
Project Administrator	$128/hour	$132/hour	$136/hour

Reimbursable Expenses Rates

Expenses *printing and reproductions, postage and delivery, mileage, travel expenses (hotel / food), testing and outside services, and other project related expenses*	cost + 15%
~~Communications and Insurance Surcharge~~	~~2.5% of total fees~~
Subconsultant Administration	10% of Subconsultant Costs

PAYMENTS

Payments are due within ten days after monthly billing. Callander Associates reserves the right to suspend services for non-payment if payment is not received within a period of 60 days after invoice date. Additionally invoices 60 days past due are subject to a 1.5% per month interest charge. Retainer amounts, if indicated, are due upon signing the agreement and shall be applied to the final invoice for the project.

BURLINGAME
1633 Bayshore Highway,
Suite 133
Burlingame, CA 94010
650.375.1313

GOLD RIVER
12150 Tributary Point Drive,
Suite 140
Gold River, CA 95670
916.985.4366

RENO
275 Hill St,
Suite 260
Reno, NV 89501
775.787.2828

SAN JOSE
2025 Gateway Place,
Suite 285
San Jose, CA 95110
408.275.0565

Rates

SECTION 6

CSG Consultants' services are billed on a time-and-materials basis according to our standard rates, shown below.

PROFESSIONAL ENGINEERING SERVICES	2024 HOURLY RATE	2025 HOURLY RATE	2026 HOURLY RATE
Administrative Assistant	$90.00	$92.70	$95.48
Analyst	$150.00	$154.50	$159.14
Construction Inspector	$165.00	$169.95	$175.05
Assistant Resident Engineer	$195.00	$200.85	$206.88
Assistant Engineer	$165.00	$169.95	$175.05
Associate Engineer	$200.00	$206.00	$212.18
Associate Surveyor	$195.00	$200.85	$206.88
Senior Construction Inspector	$185.00	$190.55	$196.27
Senior Engineer	$220.00	$226.60	$233.40
Senior Land Surveyor	$220.00	$226.60	$233.40
Resident Engineer	$240.00	$247.20	$254.62
Structure Representative	$240.00	$247.20	$254.62
Senior Project Manager	$245.00	$252.35	$259.92
Principal Engineer	$270.00	$278.10	$286.44
Senior Principal Engineer	$290.00	$298.70	$307.66
Two-Person Survey Crew	$395.00	$406.85	$419.06

All hourly rates include overhead costs including, but not limited to, salaries, benefits, workers' compensation insurance, travel and office expenses. CSG will coordinate the pickup and return of plans between CSG and agency offices. Overtime services and services provided outside of normal business hours will be billed at 1.5x the applicable hourly rate. On July 1 of each year following the contract start year, CSG will initiate a rate increase based on change in CPI for the applicable region. CSG will deliver an invoice every month for services rendered during the previous month.

Dillingham Associates Landscape Architects

Statement of Billing Rates for Professional Services

Hourly Personnel Charges

Principal-in-Charge	$200
Managing Principal	$190
Landscape Designer / Job Captain	$145
Junior Landscape Designer	$125
Clerical	$90

Annual Increase

Any annual increase in the hourly rates shall be the greater of (a) 3%; or (b) the Consumer Price Index for the preceding twelve-month period that is published by the U.S. Department of Labor's Bureau of Labor Statistics on or about 90 days prior to the anniversary date of a Contract.

Reimbursable Exepenses

Sub-consultants, special reproductions, reproduction for final reports, printing for bidding purposes, courier services charged at 1.10 times cost. Travel beyond the Bay Area charged at IRS rates.

State Law requires the following notice:

Landscape Architects are regulated by the California Board of Architectural Examiners - Landscape Architects Technical Committee. Any questions concerning a landscape architect may be referred to the Board of Architectural Examiners, Landscape Architects Technical Committee, 400 R Street, Suite 4000, Sacramento, California 95814-6238

DUDEK 2024 Standard Schedule of Charges

Engineering Services

Project Director	$335.00/hr
Principal Engineer III	$310.00/hr
Principal Engineer II	$290.00/hr
Principal Engineer I	$280.00/hr
Program Manager	$265.00/hr
Senior Project Manager	$265.00/hr
Project Manager	$255.00/hr
Senior Engineer III	$250.00/hr
Senior Engineer II	$240.00/hr
Senior Engineer I	$230.00/hr
Project Engineer IV/Technician IV	$220.00/hr
Project Engineer III/Technician III	$210.00/hr
Project Engineer II/Technician II	$200.00/hr
Project Engineer I/Technician I	$180.00/hr
3D Production Manager	$210.00/hr
Senior Designer II	$200.00/hr
Senior Designer I	$195.00/hr
Designer	$185.00/hr
Assistant Designer	$180.00/hr
CADD Operator III	$175.00/hr
CADD Operator II	$165.00/hr
CADD Operator I	$145.00/hr
CADD Drafter	$130.00/hr
CADD Technician	$120.00/hr
Project Coordinator	$155.00/hr
Engineering Assistant	$125.00/hr

Environmental Services

Senior Project Director	$330.00/hr
Project Director	$285.00/hr
Senior Specialist V	$260.00/hr
Senior Specialist IV	$245.00/hr
Senior Specialist III	$235.00/hr
Senior Specialist II	$225.00/hr
Senior Specialist I	$210.00/hr
Specialist V	$195.00/hr
Specialist IV	$185.00/hr
Specialist III	$175.00/hr
Specialist II	$165.00/hr
Specialist I	$145.00/hr
Analyst V	$145.00/hr
Analyst IV	$135.00/hr
Analyst III	$125.00/hr
Analyst II	$115.00/hr
Analyst I	$105.00/hr
Technician III	$90.00/hr
Technician II	$80.00/hr
Technician I	$70.00/hr

Mapping and Surveying Services

Application Developer II	$220.00/hr
Application Developer I	$155.00/hr
GIS Analyst V	$205.00/hr
GIS Analyst IV	$170.00/hr
GIS Analyst III	$150.00/hr
GIS Analyst II	$135.00/hr
GIS Analyst I	$125.00/hr
UAS Pilot	$145.00/hr
Survey Lead	$235.00/hr
Survey Manager	$210.00/hr
Survey Crew Chief	$165.00/hr
Survey Rod Person	$95.00/hr
Survey Mapping Technician	$95.00/hr

Construction Management Services

Principal/Manager	$195.00/hr
Senior Construction Manager	$185.00/hr
Senior Project Manager	$180.00/hr
Construction Manager	$175.00/hr
Project Manager	$170.00/hr
Resident Engineer	$175.00/hr
Construction Engineer	$170.00/hr
On-site Owner's Representative	$160.00/hr
Prevailing Wage Inspector	$155.00/hr
Construction Inspector	$145.00/hr
Administrator/Labor Compliance	$120.00/hr

Hydrogeology/HazWaste Services

Project Director	$335.00/hr
Principal Hydrogeologist/Engineer III	$310.00/hr
Principal Hydrogeologist/Engineer II	$300.00/hr
Principal Hydrogeologist/Engineer I	$290.00/hr
Senior Hydrogeologist V/Engineer V	$265.00/hr
Senior Hydrogeologist IV/Engineer IV	$255.00/hr
Senior Hydrogeologist III/Engineer III	$245.00/hr
Senior Hydrogeologist II/Engineer II	$235.00/hr
Senior Hydrogeologist I/Engineer I	$225.00/hr
Project Hydrogeologist V/Engineer V	$215.00/hr
Project Hydrogeologist IV/Engineer IV	$205.00/hr
Project Hydrogeologist III/Engineer III	$195.00/hr
Project Hydrogeologist II/Engineer II	$185.00/hr
Project Hydrogeologist I/Engineer I	$175.00/hr
Hydrogeologist/Engineering Assistant	$140.00/hr
HazMat Field Technician	$125.00/hr

District Management & Operations

District General Manager	$225.00/hr
District Engineer	$215.00/hr
Operations Manager	$165.00/hr
District Secretary/Accountant	$140.00/hr
Collections System Manager	$140.00/hr
Grade V Operator	$130.00/hr
Grade IV Operator	$115.00/hr
Grade III Operator	$105.00/hr
Grade II Operator	$85.00/hr
Grade I Operator	$80.00/hr
Operator in Training	$75.00/hr
Collection Maintenance Worker	$75.00/hr

Creative Services

Creative Services IV	$165.00/hr
Creative Services III	$150.00/hr
Creative Services II	$135.00/hr
Creative Services I	$120.00/hr

Publications Services

Technical Editor IV	$165.00/hr
Technical Editor III	$150.00/hr
Technical Editor II	$135.00/hr
Technical Editor I	$120.00/hr
Publications Specialist IV	$125.00/hr
Publications Specialist III	$115.00/hr
Publications Specialist II	$105.00/hr
Publications Specialist I	$95.00/hr
Clerical Administration	$90.00/hr

Expert Witness – Court appearances, depositions, and interrogatories as expert witness will be billed at 2.00 times normal rates.

Emergency and Holidays – Minimum charge of two hours will be billed at 1.75 times the normal rate.

Material and Outside Services – Subcontractors, rental of special equipment, special reproductions and blueprinting, outside data processing and computer services, etc., are charged at 1.15 times the direct cost.

Travel Expenses – Mileage at current IRS allowable rates. Per diem where overnight stay is involved is charged at cost

Invoices, Late Charges – All fees will be billed to Client monthly and shall be due and payable upon receipt. Invoices are delinquent if not paid within 30 days from the date of the invoice. Client agrees to pay a monthly late charge equal to 1% per month of the outstanding balance until paid in full.

Annual Increases – Unless identified otherwise, these standard rates will increase in line with the CPI-U for the nearest urban area per the Department of Labor Statistics to where the work is being completed) or by 3% annually, whichever is higher.

The rates listed above assume prevailing wage rates does not apply. If this assumption is incorrect Dudek reserves the right to adjust its rates accordingly.

6. STANDARD HOURLY RATES

SCHEDULE OF CHARGES FOR EKI ENVIRONMENT & WATER, INC. 1 January 2024

Personnel Classification	Hourly Rate 2024	Hourly Rate 2025	Hourly Rate 2026	Hourly Rate 2027
Officer and Chief Engineer-Scientist	345	355	366	377
Principal Engineer-Scientist	333	343	353	364
Supervising I, Engineer-Scientist	323	333	343	353
Supervising II, Engineer-Scientist	310	319	329	339
Senior I, Engineer-Scientist	297	306	315	325
Senior II, Engineer-Scientist	286	295	303	313
Associate I, Engineer-Scientist	275	283	292	300
Associate II, Engineer-Scientist	259	267	275	283
Engineer-Scientist, Grade 1	241	248	256	263
Engineer-Scientist, Grade 2	227	234	241	248
Engineer-Scientist, Grade 3	209	215	222	228
Engineer-Scientist, Grade 4	187	193	198	204
Engineer-Scientist, Grade 5	165	170	175	180
Engineer-Scientist, Grade 6	144	148	153	157
Project Assistant	135	139	143	148
Technician	129	133	137	141
Senior GIS / Database Analyst	170	175	180	186
CADD Operator / GIS Analyst	148	152	157	162
Senior Administrative Assistant	162	167	172	177
Administrative Assistant	128	132	136	140
Secretary	108	111	115	118

Direct Expenses

Reimbursement for direct expenses, as listed below, incurred in connection with the work will be at cost plus fifteen percent (15%) for items such as:

a. Maps, photographs, reproductions, printing, equipment rental, and special supplies related to the work.
b. Consultants, soils engineers, surveyors, drillers, laboratories, and contractors.
c. Rented vehicles, local public transportation and taxis, travel, and subsistence.
d. Special fees, insurance, permits, and licenses applicable to the work.
e. Outside computer processing, computation, and proprietary programs purchased for the work.

A Communication charge for e-mail access, web conferencing, cellphone calls, messaging and data access, file sharing, local and long distance telephone calls and conferences, facsimile transmittals, standard delivery U.S. postage, and incidental in-house copying will be charged at a rate of 4% of labor charges. Large volume copying of project documents, e.g., bound reports for distribution or project-specific reference files, will be charged as a project expense as described above.

Reimbursement for company-owned automobiles, except trucks and four-wheel drive vehicles, used in connection with the work will be at the rate of sixty cents ($0.60) per mile. The rate for company-owned trucks and four-wheel drive vehicles will be seventy-five cents ($0.75) per mile. There will be an additional charge of thirty dollars ($30.00) per day for vehicles used for field work. Reimbursement for use of personal vehicles will be at the federally allowed rate plus fifteen percent (15%).

CADD and other specialized software computer time will be charged at twenty dollars ($20.00) per hour. In-house material and equipment charges will be in accordance with the current rate schedule or special quotation. Excise taxes, if any, will be added as a direct expense.

Rate for professional staff for legal proceedings or as expert witnesses will be at a rate of one and one-half times the Hourly Rates specified above.

The foregoing Schedule of Charges is incorporated into the Agreement for the Services of EKI Environment & Water, Inc. and may be updated annually.

Rate Sheets for our subconsultants are attached as Appendix B to our SOQ.

6 RATES

FREYER & LAURETA, INC.

Effective January 1, 2024

CHARGE RATE SCHEDULE

Professional & Technical Services of Freyer & Laureta, Inc. staff are provided on a fixed fee or an hourly rate basis as follows:

Fixed Fee

Where a definitive scope of work can be established, many of our clients prefer that a specific fee be agreed upon in advance. Billings are submitted monthly based upon percent complete as of the last accounting day of the month.

Hourly Rate

Applicable to Plan Preparation, Design, and Report services where the scope of work must remain open, Freyer & Laureta, Inc. utilizes the following hourly charge rate basis for billing purposes.

Consulting Category	2024 Rate
Production Aide - Clerical	$105
Drafter I - Technical Typist - Survey Tech II	$110
Drafter II - Word Processor	$116
Engineering Tech I - Drafter III	$131
Staff Engineer I - Engineering Tech II - Survey Tech III	$152
Staff Engineer II - Engineering Tech III - Survey Tech IV	$158
Staff Engineer III - Senior Engineering Tech	$163
Staff Engineer IV - Survey Tech V - Construction Inspector	$179
Associate Engineer - Associate Surveyor (L.L.S.)	$194
Senior Engineer - Construction Manager	$205
Senior Construction Inspector	$205
Project Manager - Principal Surveyor (L.L.S.)	$221
Senior Project Manager - Principal Surveyor (L.L.S.)	$236
Associate Principal	$247
Principal	$263
Forensic Engineering	$357
Deposition & Court Appearance	$446
Subconsultant, Reproduction, Printing, Travel, Mailing & Delivery - Cost plus 10%	

Interest Charge - Billings are due and payable within 30 days. A monthly interest charge equal to the Federal Discount Rate plus 5% will be applied on the next billing beyond the 30-day payment period.

The foregoing Charge Rate Schedule is incorporated into the Agreement for the Services of Freyer & Laureta, Inc. and may be updated annually.

2024 HOURLY RATES

I. HOURLY FEES

HOURLY FEES FOR SERVICES OF:	RATE PER HOUR:
Partner	$225.00 - $240.00
Principal	$210.00 - $225.00
Associate Principal	$195.00 - $210.00
Senior Associate	$175.00 - $195.00
Job Captain	$155.00 - $175.00
Sr. Irrigation Designer	$190.00 - $210.00
Community Outreach Facilitator	$175.00 - $195.00
Marketing Coordinator	$125.00 - $175.00
Administrative/Drafter	$125.00 - $145.00

II. EXPENSES (REIMBURSABLES)

A. Consultants at approximately the same rates indicated above or on consultant fee schedules.

B. Other direct expenses at cost which may include:

1. Printing and reproduction costs.
2. Mileage and travel costs.
3. Miscellaneous

Hourly rates may be adjusted annually and shall apply for any services rendered after that date. These adjustments are not limited to the rate per hour ranges listed above, and will not affect the total amount of compensation for services.

2025 HOURLY RATES

I. HOURLY FEES

HOURLY FEES FOR SERVICES OF:	RATE PER HOUR:
Partner	$231.75 - $247.20
Principal	$216.30 - $231.75
Associate Principal	$200.85 - $216.30
Senior Associate	$180.25 - $200.85
Job Captain	$159.65 - $180.25
Sr. Irrigation Designer	$195.70 - $216.30
Community Outreach Facilitator	$180.25 - $200.85
Marketing Coordinator	$128.75 - $180.25
Administrative/Drafter	$128.75 - $149.35

II. EXPENSES (REIMBURSABLES)

A. Consultants at approximately the same rates indicated above or on consultant fee schedules.

B. Other direct expenses at cost which may include:

1. Printing and reproduction costs.
2. Mileage and travel costs.
3. Miscellaneous

Hourly rates may be adjusted annually and shall apply for any services rendered after that date. These adjustments are not limited to the rate per hour ranges listed above, and will not affect the total amount of compensation for services.

2026 HOURLY RATES

I. HOURLY FEES

HOURLY FEES FOR SERVICES OF:	RATE PER HOUR:
Partner	$238.70 - $254.62
Principal	$222.79 - $238.70
Associate Principal	$206.88 - $222.79
Senior Associate	$185.66 - $206.88
Job Captain	$164.44 - $185.66
Sr. Irrigation Designer	$201.57 - $222.79
Community Outreach Facilitator	$185.66 - $206.88
Marketing Coordinator	$132.61 - $185.66
Administrative/Drafter	$132.61 - $153.83

II. EXPENSES (REIMBURSABLES)

A. Consultants at approximately the same rates indicated above or on consultant fee schedules.

B. Other direct expenses at cost which may include:

1. Printing and reproduction costs.
2. Mileage and travel costs.
3. Miscellaneous

Hourly rates may be adjusted annually and shall apply for any services rendered after that date. These adjustments are not limited to the rate per hour ranges listed above, and will not affect the total amount of compensation for services.

Rate Sheet

STANDARD HOURLY BILLING RATES				
CLASSIFICATION	**RATE/HR**		**CLASSIFICATION**	**RATE/HR**
ENGINEERING DESIGN			**CONSULTING**	
Vice President	$250 - $375		**Energy & Sustainability**	$160 - $270
Project Manager	$215 - $295		**Lighting Design**	$160 - $270
Project Engineer	$215 - $295		**Technology Integration**	$175 - $270
Designer	$160 - $270		**Commissioning**	$150 - $270
BIM	$135 - $215		**PROJECT ADMINISTRATION**	
CAD	$115 - $162		**Project Coordinator**	$190
Construction Manager	$175 - $245		**Project Administrator**	$165
			Project Assistant	$110

Effective October 2023



Client	**City of Mountain View**
Address:	500 Castro Street, Mountain View, CA 94039
Contact Person:	John Marchant
Telephone Number:	650-903-6273
E-mail:	community.development@mountainview.gov
Project:	On-call consulting
Time period:	2023 - Present
Billing:	$50,000
Staff:	Scott Stringer, Pam Nagle, and Ryan Suttle

Provided on-call consulting services on a wide range of topics including plan and arborist report reviews and providing written comments, condition and risk assessments, removal recommendations, species recommendations, and attended weekly Planning Department coordination meetings.

Professional Fees

- Senior Consulting Arborist $240.00
- Consultant $200.00
- CAD/GIS Specialist $180.00
- Office administrator $80.00

Direct expenses associated with the project such as reproduction and shipping shall be reimbursed at cost. Mileage shall be reimbursed at standard IRS rate. Invoice shall be provided at the completion of the service or submission of the report. Payment is due within 30 days of date of invoice.

Disclosures

HBC is not currently engaged in any litigation.

The contract administration department of the F.A. Bartlett Tree Expert Company is reviewing the sample Professional Services Agreement as provided in the RFQ. Because HBC is currently under contract with the City of Menlo Park, we do not anticipate any issues meeting insurance requirements and contract terms.

F.A. Bartlett Tree Expert Company. Additional General Terms

Attached are the company's additional general terms. Should HBC be selected to provide Arborist Services, the terms will become part of this agreement, please sign and return a copy. In the event that the client should issue additional work authorization terms, if agreed upon, such terms will be incorporated into this agreement. In the event that such terms conflict with this agreement, then the terms of this agreement shall govern over any conflicting language.

Sincerely,



Darya Barar, Managing Consulting Urban Forester
ISA Certified Arborist No. WE-6757A
Registered Consulting Arborist #693
ISA Tree Risk Assessment & Tree and Plant Appraisal Qualified

Rates

IDAX's rates for all three years of the contract are outlined below. The unit rate never increases more than 3% as required in the RFQ. Please reach out if you have any questions or concerns regarding the pricing.

Data collection category	Cost (Year 1)	Cost (Year 2)	Cost (Year 3)
24-hr roadway tube count (vehicle)	$ 200.00	$ 205.00	$ 210.00
(+ classification)	$ 225.00	$ 230.00	$ 235.00
(+ speed)	$ 225.00	$ 230.00	$ 235.00
24-hr roadway/bridge vidoe count (ped. and bicyclye)	$ 840.00	$ 865.00	$ 890.00
(+ vehicle)	$ 960.00	$ 985.00	$ 1,010.00
(+ video file)	Video Always Included Free of Charge		
2-hr peak hour turning movement count	$ 150.00	$ 154.00	$ 158.00
(+FHWA classification)	$ 210.00	$ 215.00	$ 220.00
(+ each additional hour)	$75 | $105	$77 | $108	$79 | $111
(+ video file)	Video Always Included Free of Charge		
Radar speed survey (MUTCD Guidelines include 100 surveys with both directions combined and a 2-hr max)	$175/hr | $325/site collected with MUTCD Guidelines	$180/hr | $330/site collected with MUTCD Guidelines	$185/hr | $335/site collected with MUTCD Guidelines
Mobile Video Collection (~40 blocks, 30-minute increments per block, no hang tags or permits)			
Parking occupancy survey (assumes no more than 12 hours of collection per day)	$2,000	$2,060	$2,120
(+ parking duration survey, includes occupancy, assumes no more than 12 hours of collection per day)	$3,500	$3,600	$3,700
Manual Walking Collection (~6-8 blocks per technician every 30-minutes, includes hang tangs or permits)			
Parking occupancy survey & duration (assumes no more than 12 hours of collection per day)	$2,500	$2,575	$2,650

*At IDAX we believe employees should be paid a living wage and receive a robust benefits package. All full-time IDAX staff is paid at or above prevailing wages, provided health insurance, dental insurance, 401k matching, and a health savings account.

City of Menlo Park
On-Call Professional Consulting Services
Materials Testing Services

SCHEDULE OF FEES AND SERVICES

CORPORATE HEADQUARTERS
1798 University Avenue
Berkeley, CA 94703-1514
T: 510.900.2100
F: 510.900.2101

TORRANCE
1455 Crenshaw Blvd, Ste 105
Torrance, CA 90501
T: 310.755.3600
F: 310.328.8193

Personnel hourly rates and material testing rates for general and special services are contained in the following pages.

- Services will be performed on a time and materials basis at the unit rates listed.
- Prices are valid through June 30, 2024.
- Please contact our offices for further detail.

PROFESSIONAL SERVICES

PROFESSIONAL SERVICES

1109	Expert Witness	305.00	/Hr
1101	Principal	225.00	/Hr
1108	Geotechnical Engineer	206.00	/Hr
1102	Professional Engineer	190.00	/Hr
1103	Staff Engineer	169.00	/Hr
1221	Project Manager	169.00	/Hr
2112	Lead Inspector (Group 1)	122.00	/Hr
2109	Field Technician/Inspector	118.00	/Hr
1106	Laboratory Technician	118.00	/Hr
1104	Administrative Services	91.00	/Hr
1314	Contract Labor	Cost+10%	/Ea

INSPECTION SERVICES

Oversight Inspections

2107	DSA - OSHPD Certified Inspector (IOR)	quote	/Hr
2108	Inspection in Hazardous Containment Area	218.00	/Hr

Soils/Asphalt Division

2701	Field Compaction Testing with Nuclear Gauge	122.00	/Hr
2703	Soils Observation	118.00	/Hr
2702	Material Sampling/Transportation	118.00	/Hr
2704	Sampling of Grout for Soil Nails or Tiebacks	118.00	/Hr
2705	Sampling of Soil-Cement Mixture	118.00	/Hr
2706	Observation of Soil Nail or Tieback Stressing	118.00	/Hr
2707	Pile/Pier Observation	118.00	/Hr
2708	Geotechnical Observation by Inspector	122.00	/Hr
2709	Field Compaction Testing with Sandcone	122.00	/Hr
2710	Field Compaction Testing with Rubber Balloon	122.00	/Hr
2801	AC Observation/Compaction Testing	122.00	/Hr
2802	QC/QA Technician (Caltrans/FAA/NICET certified)	122.00	/Hr
2803	QC/QA Technician (Caltrans/FAA/NICET) 10hr-day	1,612.00	/Day
2804	AC Batch Plant Inspection/Sampling	118.00	/Hr

Concrete/Shotcrete Division

2301	Concrete Placement Inspection	118.00	/Hr
2312	Concrete Sampling	118.00	/Hr
2311	Sampling of Lightweight Insulating Concrete	118.00	/Hr
2308	Installation of Maturity Sensors	118.00	/Hr
2605	NS Grout Inspection/Sampling	120.00	/Hr
2305	Batch Plant Inspection	118.00	/Hr
2302	Shotcrete Placement Inspection	118.00	/Hr
2307	DSA Shotcrete Placement Inspection	169.00	/Hr
2303	Witness of Rebar and Shotcrete for Pre-Construction	118.00	/Hr
2304	Coring/Eval. of Precon Panel (3 cores, up to 6" long)	1,590.00	/Ea
2310	QC/QA Technician (NICET)	122.00	/Hr

Reinforcing/Strand Steel Division

2201	Rebar Placement Inspection	118.00	/Hr
2203	Rebar/Strand ID Sampling/Tagging	118.00	/Hr
2204	Rebar/Strand ID Sampling	118.00	/Hr
2205	Rebar/Strand Tagging	118.00	/Hr
2402	PT Strand Stressing Inspection	118.00	/Hr
2403	Prepare Stressing Records (Loads/Elong/Lockoff)	118.00	/Hr
2404	Anchor Pocket Grouting after Stressing	118.00	/Hr

Masonry Division

2501	Masonry Block/Reinforcing/Grout Inspection	118.00	/Hr
2506	Brick Veneer/Exterior Façade Inspection	118.00	/Hr
2504	Brick Veneer Façade Testing	169.00	/Hr
2505	Masonry Sampling/Tagging	118.00	/Hr
2503	DSA Continuous Masonry Inspection	169.00	/Hr

Structural Steel Division

2601	Field Welding Inspection (visual)	120.00	/Hr
2602	Shop Welding Inspection (visual)	120.00	/Hr
2603	High Strength Bolting Inspection	120.00	/Hr
2608	NDT Ultrasonic Testing (UT)	122.00	/Hr
2609	NDT Magnetic Testing (MT)	122.00	/Hr
2610	NDT Liquid Dye Penetrant Testing (PT)	122.00	/Hr
2611	Inspection of Misc. Structural Steel/Welding (visual)	120.00	/Hr
2612	Inspection of Steel Deck Welding/Shear Studs (visual)	120.00	/Hr
2613	Witness Welding Qualification Tests	120.00	/Hr
2614	Inspection of Welding of Non-Structural Elements	120.00	/Hr
2615	Material Identification to CMTR and/or Sampling	120.00	/Hr
2616	Inspection of Curtain Wall Attachment	120.00	/Hr
2617	Radiographic Examination (by others)	Cost+10%	/Hr
2618	Pile Splice Welding Inspection	120.00	/Hr
2620	Sampling of End-Welded Studs	120.00	/Hr
2621	Sampling of High Strength Bolts (HSB)	120.00	/Hr
2622	Level III UT and MT Technician	190.00	/Hr
2623	Inspection of Cold-formed Metal Framing	120.00	/Hr

Fireproofing/Roof/Wood/Waterproofing Division:

2901	Fireproofing Density/Thickness Testing	118.00	/Hr
2906	Firestop System Inspection	169.00	/Hr
2917	Roofing/Waterproofing Inspection	169.00	/Hr
2905	Shearwall/Diaphragm Nailing Inspection	169.00	/Hr
2908	Glu-lam Shop Inspection	Cost+10%	/Hr
2918	Inspection of Plaster/Stucco Application/Sampling	118.00	/Hr

Specialty Testing Division

2904	Proof Load/Torque Testing	122.00	/Hr
2903	Witness Dowel/Anchor Installation	118.00	/Hr
2909	Ferroscan Survey	218.00	/Hr
2920	Ground Penetrating Radar Survey (GPR)	218.00	/Hr
2913	Floor Flatness Survey (Dipstick, F-Meter, D-Meter)	169.00	/Hr
2916	Moisture Emission Testing Placement/Pick-Up	118.00	/Hr
2914	Intumescent Paint Thickness Inspection	122.00	/Hr
2306	Coring Technician, One Man	218.00	/Hr
2919	Inspection of Polymer Matrix Composite (Fibrwrap)	122.00	/Hr
2921	Inspection of Crack Repair Measures	118.00	/Hr
2922	Ground-Resistance Testing	218.00	/Hr
2902	In-place Brick Mortar Shear Testing	169.00	/Hr
2915	Rebound Hammer Testing (ASTM C805)	218.00	/Hr
2202	Verification of Rebar Placement with Pachometer	218.00	/Hr
9005	Epoxy Injection Inspection	118.00	/Hr
2927	QC/QA Manager	169.00	/Hr

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LABORATORY SERVICES

Aggregate and Soils Mechanics

3401	Sieve Fine/Coarse Aggregates ASTM C136/CT 202	125.00	/Ea
3402	Materials Finer than # 200 Sieve by Washing ASTM C117	115.00	/Ea
3403	Gradation ASTM C117 and C136	200.00	/Ea
3404	Sp. Gravity/Absorption of Coarse Agg ASTM C128/CT 206	100.00	/Ea
3405	Specific Gravity/Absorption of Fine Agg ASTM C128/CT 207	140.00	/Ea
3407	Bulk Density (Unit Weight) and Voids of Agg ASTM C29	125.00	/Ea
3413	Clay Lumps and Friable Particles in Agg ASTM C142	80.00	/Ea
3414	Cleanness Value of Coarse Agg CT 227	200.00	/Ea
3416	Aggregate Durability Index ASTM D3744/CT 229	380.00	/Ea
3417	Percent Crushed Particles ASTM D5821/CT 205	250.00	/Ea
3418	Fine Aggregate Angularity ASTM C1252/CT 234	140.00	/Ea
3450	Materials Finer than No. 200 Sieve ASTM D1140	110.00	/Ea
3451	Liquid Limit, Plastic Limit and PI ASTM D4318/CT 204	220.00	/Ea
3452	Particle Size Analysis of Soils ASTM D422	200.00	/Ea
3453	Hydrometer Analysis, incl Sp. Gravity ASTM D422	460.00	/Ea
3454	Soil Classification ASTM D422, D1140, D4318	490.00	/Ea
3455	Specific Gravity of Soils ASTM D854/CT 209	200.00	/Ea
3456	Moisture Content of Soil/Agg ASTM D2216/C566/CT 266	42.00	/Ea
3457	Moisture Content & Density of Soil from Borings	80.00	/Ea
3458	Sand Equivalent for Soils/Fines ASTM D2419/CT 217	170.00	/Ea
3459	Lab Compaction (Standard) A/B (4"Mold) ASTM D698	300.00	/Ea
3460	Lab Compaction (Standard) C (6"Mold) ASTM D698	360.00	/Ea
3461	Lab Compaction (Modified) A/B (4" Mold) ASTM D1557	300.00	/Ea
3462	Lab Compaction (Modified) C (6" Mold) ASTM D1557	360.00	/Ea
3463	Oversize Correction for Lab Compaction ASTM D4718	80.00	/Ea
3464	Unconfined Comp. Strength inc. MD ASTM D2166/CT 221	160.00	/Ea
3465	Density/Unit Weight by Sand Cone Method ASTM D1556	50.00	/Ea
3466	R-Value of Compacted Soils w/no Addt ASTM D2844/CT 301	540.00	/Ea
3467	California Impact Test Max Wet Density CT 216	410.00	/Ea
3468	Maximum Index Density on Vibratory Table ASTM D4253	400.00	/Ea
3469	Organic Impurities in Fine Aggregate ASTM C140	70.00	/Ea
3470	California Bearing Ration (CBR), 3 points ASTM D1883	875.00	/Ea
3471	LA Abrasion Resistance ASTM C131	280.00	/Ea
3472	Aggregate Soundness Sodium Sulfate ASTM C88/CT214	150.00	/Ea
3473	Expansion Index	160.00	/Ea
3474	R-Value of Compacted Soils w/Field Addt ASTM D2844/CT 301	580.00	/Ea
3475	R-Value of Compacted Soils w/Lab Addt ASTM D2844/CT301	670.00	/Ea
3476	California Bearing Ratio (CBR) no curve ASTM D1883	545.00	/Ea
3477	Flat & Elongated Particles ASTM D4791	230.00	/Ea
3478	CTB Compressive Strength (Field Mixed ASTM D1633/D559)	150.00	/Ea

Asphaltic Concrete Products

3601	Moisture Content of Asphalt Mixture CT 370	80.00	/Ea
3602	Bulk Specific Gravity of Bituminous Mixture CT 308	90.00	/Ea
3603	Theoretical Maximum Sp. Gravity and Density CT 109	145.00	/Ea
3604	Asphalt Content by Vacuum Extraction ASTM D2172/CT 362	130.00	/Ea
3605	Asphalt Content by Ignition Method ASTM D6307/CT 382	225.00	/Ea
3606	Asphalt Content by Nuclear Method ASTM D4125/CT 379	110.00	/Ea
3607	Stabilometer Value ASTM D1560/CT 366	175.00	/Ea

Asphaltic Concrete (cont.)

3608	Recommending Optimum Bitumen Content CT 367	2,865.00	/Ea
3609	Optimum Bitumen Content of Open Grade CT 368	825.00	/Ea
3610	QC Plan for Caltrans QC/QA projects	1,750.00	/Ea
3611	Tensile Strength Ratio ASTM D4867	1,500.00	/Ea
3612	Marshall Compacted Sample (set of 3) ASTM D1559	300.00	/Set
3613	Marshall Stability and Flow, Air Voids ASTM D1559, D3203	125.00	/Ea
3614	Bulk Specific Gravity of Core Sample ASTM D2726	85.00	/Ea
3615	Theoretical Max Specific Gravity (Rice) ASTM D2041	150.00	/Ea
3616	Sieve Analysis of Extracted Aggregate ASTM D5444	200.00	/Ea
3617	Marshall Mix Design	2,865.00	/Ea
3618	Bulk Specific Gravity of Compacted Samples ASTM D1188	125.00	/Ea
3619	Swell of Bituminous Mixtures CT 305	150.00	/Ea
3620	Moisture Vapor Susceptibility of Mixture CT 307	275.00	/Ea
3621	Centrifuge Kerosene Equivalent and ABR CT 303	230.00	/Ea
3622	Lab Test Maximum Density CT 375	490.00	/Set

Concrete/Shotcrete Products

3101	Compression Test 4"x8" Cylinder ASTM C39	63.00	/Ea
3105	Compression Test: Shotcrete/Concrete Core ASTM C42	115.00	/Ea
3106	Unit Weight of Freshly-Mixed Concrete ASTM C138	60.00	/Ea
3107	Density, Absorption, Voids in Hard Concrete ASTM C642	95.00	/Ea
3108	Concrete Trial Batch (IBC or CCR Title 24, per W/c Ratio)	2,185.00	/Ea
3120	Modulus of Elasticity of Concrete ASTM C469	275.00	/Ea
3121	Compression Test of Samples not Taken by ISI	80.00	/Ea
3124	Drying Shrinkage of Concrete Beams ASTM C157 set of 3	545.00	/Set
3125	Concrete Splitting Tensile Strength ASTM C496	95.00	/Ea
3126	Unit Weight of Controlled Density Material	75.00	/Ea
3128	Flexural Strength of Concrete ASTM C78/CT 523	140.00	/Ea
3131	Compressive Strength: Insulating Concrete ASTM C495	75.00	/Ea
3132	Density of Lightweight Concrete ASTM C567	115.00	/Ea
3133	Creep of Concrete (per month) ASTM C512	300.00	/Ea
3134	Flexural Toughness (FRC) Beams ASTM C1018	300.00	/Ea
3135	Flexural Toughness (FRC) Round Panels ASTM C1550	385.00	/Ea
3129	Calibration of Concrete w/ Maturity System (17 cylinders)	1,505.00	/Set
3130	Petrographic Analysis (by others)	Cost+10%	/Hr
3140	Compression Test 6"x12" Cylinder ASTM C39	85.00	/Ea
2911	Concret Moisture Vapor Emission Kit ASTM F1869	54.00	/Ea
2923	Concrete In-Situ Relative Humidity ASTM F2170 Add to hrly	54.00	/Ea
2924	pH Value Determination Add to hrly rate	16.00	/Ea
2309	Concrete Maturity Sensors	79.00	/Ea

Fireproofing/Roof/Wood/Waterproofing Products

3701	Density of Spray Applied Fireproofing UBC 7-6	80.00	/Ea
2912	Cohesion/Adhesion Test Kit (SFRM)	54.00	/Ea
3702	Compression Test: Plaster Cylinder/Cube ASTM C472	80.00	/Ea
3703	Density of Plaster Cylinder or Cube ASTM C472	80.00	/Ea
3704	Bond Strength of Tile ASTM C482	425.00	/Set
3705	Tensile Test of Polymer Material (Fibrwrap) ASTM D3039	750.00	/Set
3708	Tensile Test of FRP (delivered by others for testing) ASTM D3039	660.00	/Set
3709	Calibration of Torque Wrench (20-200 ft-lbf)	75.00	/Ea

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Masonry Products

3109	Drying Shrinkage of CMU Units ASTM C426	250.00	/Ea
3110	CMU Shrinkage, Absorption, Moisture, Unit Wt. ASTM C140	1,370.00	/Set
3123	CMU Core Shear Test CCR Title 24, per side	115.00	/Ea
3136	Compression Test 2"x2" Cube ASTM C109	80.00	/Ea
3102	Compression Test 2"x4" Mortar or Grout ASTM C39	63.00	/Ea
3103	Compression Test 4"x4" Grout Prism ASTM C39	80.00	/Ea
3104	Compression Test Masonry Prism ASTM C1314	205.00	/Ea
3137	Compression Test Masonry Block ASTM C140	130.00	/Ea

Reinforcing Steel Products

3201	Tensile and Bend #3 to #8 ASTM A370	140.00	/Ea
3202	Tensile and Bend #9 to #11 ASTM A370	190.00	/Ea
3203	Tensile and Bend #14 and #18 ASTM A370	1,000.00	/Ea
3204	Slip Test of Mechanical Splice CT 670	120.00	/Ea
3205	PT Strand Breaking Strength	350.00	/Ea
3206	PT Strand Yield/Breaking Strength/Elongation	400.00	/Ea
3207	Tensile Test of Coupled Rebar	185.00	/Ea
3208	Tensile Test of Welded Rebar	185.00	/Ea

Structural Steel/Welding Products

3301	Rockwell Hardness ASTM A370, E18	75.00	/Ea
3302	Charpy Impact 45 deg. V (to 100F) ASTM A370, E23	400.00	/Ea
3303	Macroetch Examination Welded Test Joints AWS D1.1, 1.4	220.00	/Ea
3304	Reduced Section Tensile ASTM A370	135.00	/Ea
3305	Guided Bends; side, root, or face AWS D1.1	40.00	/Ea
3306	All Weld Metal Tensile AWS D1.1	135.00	/Ea
3307	Tensile Test of Miscellaneous Steel ASTM A370	135.00	/Ea
3308	Tensile and Bend Test of Miscellaneous Steel ASTM A370	165.00	/Ea
3310	Mechanical Properties of HSB w/ nuts/Washers	335.00	/Set
3311	Mechanical Properties of End-Welded Studs ASTM A370	155.00	/Ea
3312	Mechanical Properties of Nut Only	175.00	/Ea
3313	Mechanical Properties of Bolt Only	125.00	/Ea
3314	Mechanical Properties of Washer Only	125.00	/Ea
2604	Calibration of Torque Wrench for HSB	268.00	/Set
2619	Welder Qualification Test Record (Excluding Lab Tests)	120.00	/Hr

Engineering Review/Miscellaneous Items

1201	Concrete Mix Design Review UBC or CCR Title 24	220.00	/Ea
1202	Shotcrete Mix Design Review UBC or CCR Title 24	220.00	/Ea
1203	Grout Mix Design Review UBC or CCR Title 24	220.00	/Ea
1204	Review of Welding Documents (WPS)	190.00	/Hr
1205	Review of Documents	190.00	/Hr
1206	Jobsite Meetings/Supervision	169.00	/Hr
1210	Final Inspection Affidavit UBC 1701, up to 3 visits	295.00	/Ea
1211	Final Inspection Affidavit UBC 1701, up to 10 visits	415.00	/Ea
1212	Final Inspection Affidavit UBC 1701, up to 25 visits	530.00	/Ea
1213	Final Inspection Affidavit UBC 1701, up to 100 visits	885.00	/Ea
1214	Final Inspection Affidavit UBC 1701, more than 100 visits	1,175.00	/Ea
1215	Laboratory Final Verified Report DSA or OSHPD	330.00	/Ea
1216	Geotechnical Final Verified Report DSA or OSHPD	620.00	/Ea
1217	QC/QA Engineering Consulting Services	190.00	/Hr
1218	Pavement Design/ Consulting	206.00	/Hr
1219	Soil Compaction Test Review (by Geotechnical Engineer)	206.00	/Hr
1220	Asphalt Mix Design Review	220.00	/Ea
2001	Destructive Exposure of Rebar	218.00	/Hr
2002	Destructive Sampling of Rebar	218.00	/Hr
2003	Destructive Sampling of Concrete	218.00	/Hr
2004	Patching of Exposed Sample Areas w/ HS Grout	169.00	/Hr

Travel, Mileage, Transportation Expenses

1301	Courier/Transportation	87.00	/Hr
1305	Mileage	At Cost	/Mile
1306	Per Diem (or at cost if higher)	157.00	/Day
1307	Travel Time	87.00	/Hr
1308	Parking	cost	/Ea
1309	Bridge Tolls	cost	/Ea
1310	Car Rental	cost	/Ea
1311	Airfare	cost	/Ea
1312	Equipment Rental	Cost+10%	/Ea
1313	Mobilization	118.00	/Hr
1314	Outside Services (Subconsultants/Subcontractors)	Cost+10%	/Ea

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SPECIAL INSPECTION AND MATERIALS TESTING

BASIS OF CHARGES

A. Minimum Hourly Charges:

9003	Show-up/Cancellation	2 hours
9003NS	Show-up/Cancellation (Night Shift) unless cancelled at least 24 hours in advance	8 hours
	Inspector/Technician services (0 - 4 hours)	4 hours
	Inspector/Technician services (4 - 8 hours)	8 hours
1221	Project Manager*	1 hour
1104	Administrative Services**	1 hour

B. Rate for Field Inspectors:

Basic Rate	$ 118.00/hr
Basic Rate w/ Testing Equipment	$ 122.00/hr
Overtime (over 8 hrs Monday-Friday; first 8 hrs on Saturdays)	1.5 x Basic Rate
Doubletime (over 12 hrs Mon-Fri; over 8 hrs on Sat; Sundays & Holidays)	2 x Basic Rate
Work performed on “RUSH” schedule	1.5 x Basic Rate
Night Shift Differential (shifts starting after 2pm/before 4am)	1.125 x Basic Rate

C. Expenses:

1307	Travel Time, if required (beyond 50 miles from the jobsite)	$ 87.00/hr
1305	Auto Mileage, if required	At Cost/mi
1306	Per Diem (Or cost if greater than $125.00/day)	$ 157.00/day
	Equipment Fee	$ 100.00/day
1308	Miscellaneous Expenses (Parking/Tolls/Airfare)	Cost
1314	Outside Services & Equipment Rentals	Cost+10%
1210	Final Affidavit Minimum Charge (ISI requires 5-10 working days written notice prior to issuing)	$ 295.00/ea
	Project Management Fee *	7% each invoice
	*Applicable when Project Management is not provided as a separate line item in this estimate	
	Administrative/Special Handling Fee **	3% each invoice

**Applicable when client requests special system programming/reporting, non-electronic or back-up documentation in addition to what is normally provided. ISI is committed to conducting environmentally-friendly practices in our offices, including paperless reporting and invoices.

D. Notes:

- Technical personnel are members of the Operating Engineers (AFL-CIO) Local No. 3 and the above charges are a part of our contractual commitment. Rates are subject to an annual COLA increase of 3% adjustment on July 1st of each year to cover any increase in ISI's cost due to changes in wages, benefits, working conditions and other provisions of the Union Labor Agreement and Prevailing Wage requirements. Prices quoted are valid through June 30, 2024. Inspection services are charged portal to portal from dispatch location and are subject to mileage and travel. For assignments that require equipment such as nuclear gauges, hydraulic systems for proof-load testing, high-strength torque wrench etc., billing time will include picking up and dropping off the equipment at ISI's laboratory as well as round trip travel.
- Invoice(s) will be issued bi-weekly; payments are due within thirty (30) days from date of invoice without retention. Overdue payments are subject to a late payment charge of 1.5% of the invoice amount plus interest at 1.5% per month until all overdue amounts, late charges and interest are fully paid. ISI reserves the right to suspend the services without notice if invoices are not paid when due, and to terminate the services if invoices are not fully paid within five (5) days after written notice to Client of ISI’s intent to so terminate.
- Before a final affidavit report can be issued, all outstanding issues must be resolved. These issues may include reported non-conformances, lab test results, and payment for services. A 50% "RUSH" schedule premium will be charged for expedited final affidavit requests (requested with less than five working days notice).

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6. Rates

Kimley-Horn and Associates, Inc.

Hourly Labor Rate Schedule

Classification	7/1/24 - 6/30/25	7/1/25 - 6/30/26	7/1/26 - 6/30/27
Analyst I	$139 - $180	$143 - $185	$147 - $191
Analyst II	$185 - $227	$191 - $234	$197 - $241
Professional	$232 - $268	$239 - $276	$246 - $284
Senior Professional I	$273 - $335	$281 - $345	$289 - $355
Senior Professional II	$340 - $391	$350 - $403	$361 - $415
Senior Technical Support	$185 - $304	$191 - $313	$197 - $322
Technical Support	$113 - $180	$116 - $185	$119 - $191
Support Staff	$93 - $155	$96 - $160	$99 - $165

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For each Task Order under the On-Call, staff will be billed within the appropriate category range above, based on their classification at the time.

Other Direct Costs: Outside Printing/Reproduction, Delivery Services/USPS, Misc. Field Equipment/Supplies, and Travel Expenses will be billed at actual cost. Mileage will be billed at the Federal Rate.

Sub-Consultants will be billed at 10% mark-up, or per the Contract.

Rates

Proposed billing rates for KPA are provided as follows:

Professional Rates

Category	**2024 Rates**
Principal	$280
Project Manager	$260
Registered Architect or Engineer	$230
Designer / Technical Professional	$205
CAD Technician	$160
Administrative	$110

Sub-consultant billing rates align with KPA's rates above and will be provided to the City during the contracting stage if selected. Annual escalation shall remain at 3%.

SECTION
06

Rates

Hourly Charges for Personnel

Professional Staff

	Year 1	Year 2 (3%)	Year 3 (3%)
Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	$ 210	$216.30	$222.79
Senior Engineer/Geologist/Environmental Scientist	$ 200	$206.00	$212.18
Senior Project Engineer/Geologist/Environmental Scientist	$ 195	$200.85	$206.88
Project Engineer/Geologist/Environmental Scientist	$ 185	$190.55	$196.27
Senior Staff Engineer/Geologist/Environmental Scientist	$ 170	$175.10	$180.35
Staff Engineer/Geologist/Environmental Scientist	$ 155	$159.65	$164.44
GIS Analyst	$ 130	$133.90	$137.92
Technical Illustrator/CAD Operator	$ 110	$113.30	$116.70

Field Staff

Certified Asbestos/Lead Technician	$ 195	$200.85	$206.88
Field Operations Manager	$ 130	$133.90	$137.92
Nondestructive Examination Technician (UT, MT, LP)	$ 125	$128.75	$132.61
Supervisory Technician	$ 120	$123.60	$127.31
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	$ 115	$118.45	$122.00
Senior Technician	$ 110	$113.30	$116.70
Technician	$ 110	$113.30	$116.70

Administrative Staff

Information Specialist	$ 90	$92.70	$95.48
Geotechnical/Environmental/Laboratory Assistant	$ 95	$97.85	$100.79
Data Processor	$ 75	$77.25	$79.57

Other Charges

Concrete Coring Equipment (includes technician)	$ 190/h
Anchor Load Test Equipment (includes technician)	$ 190/h
GPR Equipment	$ 180/h
Inclinometer	$ 100/h
Hand Auger Equipment	$ 80/h
Rebar Locator (Pachometer)	$ 25/h
Vapor Emission Kit	$ 65/ki
Nuclear Density Gauge	$ 12/h
X-Ray Fluorescence	$ 70/h
PID/FID	$ 25/h
Air Sampling Pump	$ 10/h
Field Vehicle	$ 15/h
Expert Witness Testimony	$ 450/h
Direct Expenses	Cost plus 15

Special equipment charges will be provided upon request.

Notes

Technicians and special inspectors, are charged portal to portal at a 4-hour minimum, and 8-hour minimum for hours exceedi 4 hours. Overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monc through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in c day, all day Sunday and on holidays.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, applicable.

The terms and conditions are included in Ninyo & Moore's Work Authorization and Agreement form.

Schedule of Fees for Laboratory Testing

SOILS

Atterberg Limits, D 4318, CT 204	$ 170
California Bearing Ratio (CBR), D 1883	$ 550
Chloride and Sulfate Content, CT 417 & CT 422	$ 175
Consolidation, D 2435, CT 219	$ 300
Consolidation, Hydro-Collapse only, D 2435	$ 150
Consolidation – Time Rate, D 2435, CT 219	$ 200
Direct Shear – Remolded, D 3080	$ 350
Direct Shear – Undisturbed, D 3080	$ 300
Durability Index, CT 229	$ 175
Expansion Index, D 4829, IBC 18-3	$ 190
Expansion Potential (Method A), D 4546	$ 170
Geofabric Tensile and Elongation Test, D 4632	$ 200
Hydraulic Conductivity, D 5084	$ 350
Hydrometer Analysis, D 6913, CT 203	$ 220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	$ 120
Moisture Only, D 2216, CT 226	$ 35
Moisture and Density, D 2937	$ 45
Permeability, CH, D 2434, CT 220	$ 300
pH and Resistivity, CT 643	$ 175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	$ 220
Proctor Density with Rock Correction D 1557	$ 340
R-value, D 2844, CT 301	$ 375
Sand Equivalent, D 2419, CT 217	$ 125
Sieve Analysis, D 6913, CT 202	$ 145
Sieve Analysis, 200 Wash, D 1140, CT 202	$ 100
Specific Gravity, D 854	$ 125
Thermal Resistivity (ASTM 5334, IEEE 442)	$ 925
Triaxial Shear, C.D, D 4767, T 297	$ 550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	$ 450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	$ 350
Triaxial Shear, U.U., D 2850	$ 250
Unconfined Compression, D 2166, T 208	$ 180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	$ 70
Brick Compression Test, C 67	$ 55
Brick Efflorescence, C 67	$ 55
Brick Modulus of Rupture, C 67	$ 50
Brick Moisture as received, C 67	$ 45
Brick Saturation Coefficient, C 67	$ 60
Concrete Block Compression Test, 8x8x16, C 140	$ 70
Concrete Block Conformance Package, C 90	$ 500
Concrete Block Linear Shrinkage, C 426	$ 200
Concrete Block Unit Weight and Absorption, C 140	$ 70
Cores, Compression or Shear Bond, CA Code	$ 70
Masonry Grout, 3x3x6 prism compression, C 39	$ 45
Masonry Mortar, 2x4 cylinder compression, C 109	$ 35
Masonry Prism, half size, compression, C 1019	$ 120
Masonry Prism, Full size, compression, C 1019	$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	$ 135
Fireproofing Density Test, UBC 7-6	$ 90
Hardness Test, Rockwell, A 370	$ 80
High Strength Bolt, Nut & Washer Conformance, per assembly, A 325	$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	$ 175
Pre-Stress Strand (7 wire), A 416	$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	$ 80

CONCRETE

Compression Tests, 6x12 Cylinder, C 39	$ 35
Concrete Mix Design Review, Job Spec	$ 300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	$ 850
Concrete Cores, Compression (excludes sampling), C 42	$ 120
Drying Shrinkage, C 157	$ 400
Flexural Test, C 78	$ 85
Flexural Test, C 293	$ 85
Flexural Test, CT 523	$ 95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	$ 275
Lightweight Concrete Fill, Compression, C 495	$ 80
Petrographic Analysis, C 856	$ 2,000
Restrained Expansion of Shrinkage Compensation	$ 450
Splitting Tensile Strength, C 496	$ 100
3x6 Grout, (CLSM), C 39	$ 55
2x2x2 Non-Shrink Grout, C 109	$ 55

ASPHALT

Air Voids, T 269	$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	$ 4,500
Asphalt Mix Design Review, Job Spec	$ 180
Dust Proportioning, CT LP-4	$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	$ 250
Extraction, % Asphalt without Gradation, D 2172, CT 382	$ 150
Film Stripping, CT 302	$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	$ 225
Marshall Stability, Flow and Unit Weight, T 245	$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	$ 150
Moisture Content, CT 370	$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	$ 1,000
Slurry Wet Track Abrasion, D 3910	$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	$ 4,900
Superpave, Gyratory Unit Wt., T 312	$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	$ 1,000
Unit Weight sample or core, D 2726, CT 308	$ 100
Voids in Mineral Aggregate, (VMA) CT LP-2	$ 90
Voids filled with Asphalt, (VFA) CT LP-3	$ 90
Wax Density, D 1188	$ 140

AGGREGATES

Clay Lumps and Friable Particles, C 142	$ 180
Cleanness Value, CT 227	$ 180
Crushed Particles, CT 205	$ 175
Durability, Coarse or Fine, CT 229	$ 205
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234	$ 180
Flat and Elongated Particle, D 4791	$ 220
Lightweight Particles, C 123	$ 180
Los Angeles Abrasion, C 131 or C 535	$ 200
Material Finer than No. 200 Sieve by Washing, C 117	$ 90
Organic Impurities, C 40	$ 90
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260	$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	$ 950
Potential Reactivity of Aggregate (Chemical Method), C 289	$ 475
Sand Equivalent, T 176, CT 217	$ 125
Sieve Analysis, Coarse Aggregate, T 27, C 136	$ 120
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136	$ 145
Sodium Sulfate Soundness, C 88	$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	$ 175

ROOFING

Roofing Tile Absorption, (set of 5), C 67	$ 250
Roofing Tile Strength Test, (set of 5), C 67	$ 250

Special preparation of standard test specimens will be charged at the technician's hourly rate.
Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

Oak Creek Engineering
2024 Rate Sheet

Enclosed are the 2024 Hourly Billable Rates for Oak Creek Engineering. The billing rates are inclusive of all overhead, standard software, insurance and incidentals. Billing rates shall increase 3% annually through the first three years of the agreement.

Engineering/Project Management Services:
Project Management ……..….. .$195/hr
Staff Augmentation ...……...……...….. $195/hr

Direct Expenses
Printing…… Cost +15%
Shipping…….... Cost +15%
Mileage …… Government Rate (current:$0.665/mile)
Software Specific to Project, as required by Client ... Cost, no markup

Other Reimbursable expenses shall mean expenses incurred in direct connection with the Project, as agreed upon in advance with client.

E. Hourly Rates



PGADESIGN PROFESSIONAL FEE SCHEDULE 2024-2026

	FY 2024	FY 2025	FY 2026
Principal	$270	$278	$286
Senior Landscape Architect	$185	$191	$196
Landscape Architect	$180	$185	$191
Associate	$175	$180	$186
Landscape Designer	$155	$160	$164
Technician/CAD	$160	$165	$170
Irrigation Designer	$170	$175	$180
Financial manager	$185	$191	$196

REIMBURSABLE EXPENSES

Reimbursable expenses are in addition to the total design fee, and may include the following project-related costs in addition to those allowed in City contract:

Tolls, parking fees, and local travel charged in accordance with IRS code

Travel, lodging, subsistence and out-of-pocket expenses for authorized travel in connection with contract services.

Project expenses and sub-consultants will be identified on invoices. Expenses will be marked up 10%.

  - Vehicular traffic (volume, classification, speed)
  - Bicycle and pedestrian
- Peak hour intersection turning movement counts (vehicle, pedestrian, bicycle)
- Parking occupancy/duration survey
- Standard or radar speed survey
- Other data collection services (e.g., “near-misses”, micro-mobility devices, origin-destination survey, vehicle occupancy survey, queuing study, gap and headway etc.)
- Video recordings

Transportation/Traffic Data Collection Requirements:

- Data specifications:
  - Roadway and intersection counts (vehicle, pedestrian, bicycle): directional, in 15-minute increments, identifies peak hour and provides statistics.
  - Parking occupancy/duration: directional per block
  - Speed data: directional in five miles per hour (5 mph) incremental bins, aggregated statistics should be provided for each direction and for both directions combined, and should include but is not limited to : 15th, 50th, 85th, and 95th percentile speeds, mean speed, 10 mph pace, percent in pace.
  - Classification: Vehicles shall be classified by FHWA vehicle class types.
  - Radar speed data: Follows current state practice for the purpose of developing engineering and traffic surveys.
- Data shall be provided in both excel and PDF formats. Individual vehicle data and video data can be provided if available.
- Cost: qualified consultant shall include an itemize cost schedule, including but not limited to the following. Bulk discounts can be provided.

Data collection category	**Cost**
24-hr roadway tube count (vehicle) (+ classification) (+ speed)	$70.00 $10.00 $10.00
24-hr roadway/bridge video count (pedestrian and bicycle) (+ vehicle) (+ video file, if available)	$400.00 $50.00 $50.00
2-hour peak hour intersection turning movement count (+ FHWA classification) (+ each additional hour) (+ video file, if available)	$130.00 $20.00 $60.00 $60.00
Radar speed survey	$60.00
Parking occupancy survey (~ 500 feet per block) (+ parking duration survey, ~ 30-minute increments per block)	$50.00 $40.00

Depending on the task or project, task orders may involve coordination with staff in other divisions and departments and include outreach support.

The City’s work hours are from 7:30 am to 5:30 pm Monday thru Thursday, and between 8:00 am to 5:00 pm on Fridays. The City is generally closed every other Friday with the exception of emergency services and inspections.

Hourly Rates with Escalation

Hourly Billing Rates 2024

Principal Architect:	$210.00
Project Manager	$195.00
BIM Manager/ Senior Designer:	$185.00
Architect/ Designer III/ Job Captain	$175.00
Architect/ Designer II	$165.00
Architect/ Designer I	$145.00
Junior Designer:	$130.00
Administrative Support	$115.00

Hourly Billing Rates 2025

Principal Architect:	$216.00
Project Manager	$200.00
BIM Manager/ Senior Designer:	$190.00
Architect/ Designer III/ Job Captain	$180.00
Architect/ Designer II	$170.00
Architect/ Designer I	$150.00
Junior Designer:	$134.00
Administrative Support	$118.00

Hourly Billing Rates 2026

Principal Architect:	$222.00
Project Manager	$206.00
BIM Manager/ Senior Designer:	$196.00
Architect/ Designer III/ Job Captain	$185.00
Architect/ Designer II	$175.00
Architect/ Designer I	$155.00
Junior Designer:	$138.00
Administrative Support	$122.00

Hourly Billing Rates 2027

Principal Architect:	$228.00
Project Manager	$212.00
BIM Manager/ Senior Designer:	$202.00
Architect/ Designer III/ Job Captain	$191.00
Architect/ Designer II	$180.00
Architect/ Designer I	$160.00
Junior Designer:	$142.00
Administrative Support	$125.00

05. Rates

Our rates below are for 2024 through 2026 and reflect a 3% yearly increase as permitted by the City.

LABOR CATEGORY	RATES 2024	RATES 2025	RATES 2026
Principal	$290	$298	$308
Sr. Vice President	$280	$288	$297
Vice President / Associate Vice President / Director / Associate / Sr. Project Manager	$255	$263	$271
Professional Engineer	$215	$221	$228
Design Engineer / Project Engineer	$205	$211	$217
Design Manager / Program Manager / Drafting Manager (CADD)	$190	$196	$202
Staff Engineer	$175	$180	$186
Field Technician / Program Specialist / Coordinator / Drafter (CAD)	$150	$155	$159
Program / Project Assistant	$115	$118	$122

Rates

Personnel Charges

Charges for personnel engaged in professional and/or technical work are based on the actual hours directly chargeable to the project. Rates are anticipated to increase by no more than 3% annually.

Current rates by classification are listed below, with subconsultant rates included in the following section:

	Rate/Hour		
Classification	*2024*	*2025*	*2026*
Principal Project Manager	$295	$304	$313
Senior Project Manager	$270	$278	$286
Senior Engineer	$250	$258	$265
Associate Engineer	$220	$227	$233
Assistant Engineer	$200	$206	$212
Junior Engineer	$185	$191	$196
Designer	$175	$180	$186
GIS Analyst	$175	$180	$186
Technician	$160	$165	$170
Engineering Trainee	$135	$139	$143

Litigation Charges

Court or deposition time as an expert witness is charged at $500 per hour.

Materials and Services

Subcontractors, special equipment, outside reproduction, data processing, computer services, etc., will be charged at 1.10 times cost.

Effective 1/1/24

BILLING STRUCTURE FOR 2024

SNG & Associates, Inc.

Position	Hourly Rate
Principal Engineer	255.00
Senior Project Manager	225.00
Project Manager	215.00
Senior Engineer	200.00
Construction Manager	225.00
Associate Engineer II	175.00
Associate Engineer I	165.00
Assistant Engineer	155.00
Senior Engineering Inspector	175.00
Engineering Inspector	165.00
Engineering Technician/CAD Drafting	145.00
Licensed Land Surveyor	255.00
Licensed landscape Architect	195.00
Clerical/ Admin Support	105.00

Note: Rates valid through December 31, 2024. Rates will be adjusted annually every January 1st.

BILLING STRUCTURE FOR 2025

SNG & Associates, Inc.

Position	Hourly Rate
Principal Engineer	263.00
Senior Project Manager	232.00
Project Manager	221.00
Senior Engineer	206.00
Construction Manager	232.00
Associate Engineer II	180.00
Associate Engineer I	170.00
Assistant Engineer	160.00
Senior Engineering Inspector	180.00
Engineering Inspector	170. 00
Engineering Technician/CAD Drafting	149.00
Licensed Land Surveyor	263.00
Licensed landscape Architect	201.00
Clerical/ Admin Support	108. 00

Note: Rates valid through December 31, 2025. Rates will be adjusted annually every January 1st.

BILLING STRUCTURE FOR 2026

SNG & Associates, Inc.

Position	Hourly Rate
Principal Engineer	271.00
Senior Project Manager	239.00
Project Manager	228.00
Senior Engineer	212.00
Construction Manager	239.00
Associate Engineer II	186.00
Associate Engineer I	175.00
Assistant Engineer	164.00
Senior Engineering Inspector	186.00
Engineering Inspector	175.00
Engineering Technician/CAD Drafting	154.00
Licensed Land Surveyor	271.00
Licensed landscape Architect	207.00
Clerical/ Admin Support	111.00

Note: Rates valid through December 31, 2026. Rates will be adjusted annually every January 1st.

EXHIBIT A-1

HOURLY RATES

CITY OF MENLO PARK
701 Laurel Street
MenloPark CA

Updated Hourly Rate (effective July 2024)

SCOPE OF SERVICES	POSITION	HOURLY RATE	REMARKS
Under direct City Management and Supervision:			
1. Assist in review of construction documents (drawings and specifications)	Construction Inspector	$98.00	8 hrs. full time per day
2. Construction administration (field inquires, coordination, RFIs / submittals, etc.)	Construction Inspector	$135.00	4 hours minimum per day (half-day)
3. Inspection services for construction projects (buildings, utilities, streets / sidewalks, etc.)			

ASSUMPTIONS:

1. Overtime pay at a rate of 1.5 times regular rate of pay for all hours works in excess of 8 hours per day and 40 hours a week.
2. Night shift differential is paid as overtime rate of 1.5 times regular rate of pay.
3. Rates will remain in effect for the term of the agreement.
4. Yearly hourly rates will not exceed increases of more than 3% per year.

Data collection category	Cost
24-hr roadway tube count (vehicle) (+ classification) (+ speed)	$125 $25 $25
24-hr roadway/bridge video count (pedestrian and bicycle) (+ vehicle) (+ video file, if available)	$600 $100 $0
2-hour peak hour intersection turning movement count (+ FHWA classification) (+ each additional hour) (+ video file, if available)	$150 $25 $50 $0
Radar speed survey	$175
Parking occupancy survey (~ 500 feet per block) (+ parking duration survey, ~ 30-minute increments per block)	$ > 75 Per Person per hour $

VERDE DESIGN

Charge Rate Schedule

Effective until December 31, 2026

The following chart outlines the current charge rate for professional and office costs. Reimbursable rates and expenses are shown at the bottom.

Project Rates

Principal	$285.00 per hour
Project Manager/Construction Manager	
Level Four	$270.00 per hour
Level Three	$250.00 per hour
Level Two	$200.00 per hour
Level One	$185.00 per hour
Project Engineer	
Level II	$205.00 per hour
Level I	$190.00 per hour
IT Manager	$200.00 per hour
CAD Manager	$195.00 per hour
Project Designer	$180.00 per hour
Job Captain/Staff Engineer/Construction Administrator	$170.00 per hour
Draftsperson Level II	$165.00 per hour
Draftsperson Level I	$160.00 per hour
Project Administrator	$105.00 per hour
Intern	$90.00 per hour

Reimbursable Rates

Blueprints, Printing and Reproductions	Cost plus 10%
Sub Consultant Services	Cost plus 10%

Reimbursable Expenses

Blueprints and Reproductions	Travel Expenses
Photography	Parking and Toll Expenses
Models and Renderings	Permit Fees
Postage/Overnight Mail Service	Courier Delivery Service

Charge Rate Schedule is subject to revisions.

E RATES

Below is West Yost's 2024 Billing Rate Schedule, which will be updated annually. West Yost has successfully negotiated contracts with the City and is confident that we can come to an agreement. We look forward to the opportunity to discuss our proposal with you.

West Yost kindly requests the following exceptions to the City's Rate requirements:

Rates shall be negotiated with the Department on a yearly basis pursuant to the San Francisco Bay Area Consumer Price Index and shall not exceed ~~***3%***~~ ***5%***. Any direct and indirect charges anticipated for providing services shall be listed. Three-year agreement hourly rates should be included with qualifications and optional three-year yearly extension hourly rates must be received the month in May before agreement expires for proper review and processing of amendment renewals. The expenses of any office, including furniture and equipment rental, supplies, salaries of employees, telephone calls, postage, advertising, and all other expenses incurred by consultant in the performances of this agreement shall be incurred at the consultant discretion. Such expenses shall be the consultant's sole financial responsibility.

2024 Billing Rate Schedule

(Effective January 1, 2024, through December 31, 2024)*

POSITIONS	LABOR CHARGES (DOLLARS PER HOUR)
ENGINEERING	
Principal/Vice President	$355
Engineer/Scientist/Geologist Manager I / II	$335 / $351
Principal Engineer/Scientist/Geologist I / II	$302 / $322
Senior Engineer/Scientist/Geologist I / II	$272 / $286
Associate Engineer/Scientist/Geologist I / II	$226 / $243
Engineer/Scientist/Geologist I / II	$176 / $205
Engineering Aide	$106
Field Monitoring Services	$131
Administrative I / II / III / IV	$97 / $121 / $145 / $160
ENGINEERING TECHNOLOGY	
Engineering Tech Manager I / II	$349 / $351
Principal Tech Specialist I / II	$320 / $331
Senior Tech Specialist I / II	$293 / $306
Senior GIS Analyst	$265
GIS Analyst	$251
Technical Specialist I / II / III / IV	$187 / $213 / $239 / $267
Technical Analyst I / II	$134 / $160
Technical Analyst Intern	$108
Cross-Connection Control Specialist I / II / III / IV	$140 / $151 / $170 / $189
CAD Manager	$211
CAD Designer I / II	$164 / $185
CONSTRUCTION MANAGEMENT	
Senior Construction Manager	$338
Construction Manager I / II / III / IV	$201 / $215 / $228 / $289
Resident Inspector (Prevailing Wage Groups 4 / 3 / 2 / 1)	$181 / $201 / $224 / $232
Apprentice Inspector	$164
CM Administrative I / II	$87 / $118
Field Services	$232

* This schedule is updated annually

- Hourly rates include charges for technology and communication, such as general and CAD computer software, telephone calls, routine in-house copies/prints, postage, miscellaneous supplies, and other incidental project expenses.
- Outside services, such as vendor reproductions, prints, and shipping; major West Yost reproduction efforts; as well as engineering supplies, etc., will be billed at the actual cost plus 15%.
- The Federal Mileage Rate will be used for mileage charges and will be based on the Federal Mileage Rate applicable to when the mileage costs were incurred. Travel other than mileage will be billed at cost.
- Subconsultants will be billed at actual cost plus 10%.
- Expert witness services, research, technical review, analysis, preparation, and meetings will be billed at 150% of standard hourly rates. Expert witness testimony and depositions will be billed at 200% of standard hourly rates.
- A finance charge of 1.5% per month (an annual rate of 18%) on the unpaid balance will be added to invoice amounts

2024 Billing Rate Schedule

(Effective January 1, 2024, through December 31, 2024)*

Equipment Charges

EQUIPMENT	BILLING RATES
2" Purge Pump & Control Box	$300 / day
Aquacalc / Pygmy or AA Flow Meter	$28 / day
Emergency SCADA System	$35 / day
Field Vehicles (Groundwater)	$1.02 / mile
Gas Detector	$80 / day
Generator	$60 / day
Hydrant Pressure Gauge	$10 / day
Hydrant Pressure Recorder, Impulse (Transient)	$55 / day
Hydrant Pressure Recorder, Standard	$40 / day
Low Flow Pump Back Pack	$135 / day
Low Flow Pump Controller	$200 / day
Powers Water Level Meter	$32 / day
Precision Water Level Meter 300ft	$30 / day
Precision Water Level Meter 500ft	$40 / day
Precision Water Level Meter 700ft	$45 / day
QED Sample Pro Bladder Pump	$65 / day
Storage Tank	$20 / day
Sump Pump	$24 / day
Transducer Communications Cable	$10 / day
Transducer Components (per installation)	$23 / day
Trimble GPS – Geo 7x	$220 / day
Tube Length Counter	$22 / day
Turbidity Meter	$30 / day
Turbidity Meter (2100Q Portable)	$35 / day
Vehicle (Construction Management)	$10 / hour
Water Flow Probe Meter	$20 / day
Water Quality Meter	$50 / day
Water Quality Multimeter	$185 / day
Well Sounder	$30 / day

* This schedule is updated annually

4 / Rates

Schedule of Rates and Reimbursable Expenses

WDA understands the rates shall be negotiated with the City on a yearly basis, pursuant to the San Francisco Bay Area Consumer Price Index and shall not exceed 3%. Our rate table below reflects the 3% cap.

Staff	Hourly Rate		
	2024	2025	2026
William S. Duff, Jr. AIA - Managing Principal	$415	$428	$441
Principal	$310	$320	$330
Associate Principal	$290	$299	$308
Senior Project Manager	$260	$268	$276
Senior Project Architect	$245	$253	$261
Project Manager I & II	$200 to $215	$206 to $222	$212 to $229
Project Architect I & II	$185 to $195	$188 to $201	$200 to $213
Job Captain I, II & III	$160 to $180	$165 to $186	$170 to $191
Designer I, II & III	$135 to $150	$139 to $155	$143 to $160
Administrative Support / Intern Designer	$115	$119	$123

Travel, Room and Board	Reimbursement Rate
Automobile Mileage per current IRS rate	$0.67/mile
Parking	Cost plus 10%
Air Travel and Car Rental	Cost plus 10%
Meals (overnight out of San Francisco)	Cost plus 10%

Services and Supplies	Reimbursement Rate
Outside Reproduction and CAD Plotting	Cost plus 10%
Messenger, Overnight Delivery and Postage	Cost plus 10%
Long Distance Telephone (outside the U.S.)	Cost plus 10%
In-house Copying/Printing	$0.25/ sq.ft.
In-house CAD Plotting	$2.75/ sq.ft.
In-house Color Plotting/Printing	$8.00/ sq.ft.

RATES

WOOD RODGERS

Wood Rodgers' hourly rates for all proposed staff are included below. This proposed rate schedule is to be used throughout the duration of the contract.

OAKLAND FEE SCHEDULE

CLASSIFICATION	YEAR 1	YEAR 2	YEAR 3
Principal Engineer/Geologist/Surveyor/Planner/GIS/LA* II	$345	$355	$366
Principal Engineer/Geologist/Surveyor/Planner/GIS/LA* I	$305	$314	$324
Senior Engineer/Geologist/Surveyor/Planner/GIS/LA* II	$285	$294	$302
Senior Engineer/Geologist/Surveyor/Planner/GIS/LA* I	$275	$283	$292
Project Engineer/Geologist/Surveyor/Planner/GIS/LA* II	$255	$263	$271
Project Engineer/Geologist/Surveyor/Planner/GIS/LA* I	$240	$247	$255
Engineer/Geologist/Surveyor/Planner/GIS/LA* II	$230	$237	$244
Engineer/Geologist/Surveyor/Planner/GIS/LA* I	$220	$227	$233
Assistant Engineer/Geologist/Surveyor/Planner/GIS/LA*	$190	$196	$202
Designer	$105	$108	$111
Senior CAD Technician/Graphics Designer II	$210	$216	$223
Senior CAD Technician/Graphics Designer I	$195	$201	$207
CAD Technician/Graphics Designer	$175	$180	$186
Project Coordinator	$185	$191	$196
Administrative Assistant	$165	$170	$175
Construction Manager	$345	$355	$366
1 Person Survey Crew	$250	$258	$265
2 Person Survey Crew	$360	$371	$382
3 Person Survey Crew	$460	$474	$488
Consultants, Outside Services, Materials & Direct Charges	Cost Plus 10%		
Overtime Work, Expert Witness Testimony, and Preparation	Rate Plus 50%		

*LA = Landscape Architect

Blueprints, reproductions, and outside graphic services will be charged at vendor invoice. Auto mileage will be charged at the IRS standard rate, currently 67 cents per mile.

Professional Rate Schedule for
WSP USA Inc.
US West Region
Effective January 1, 2024

Invoices include all labor charges, other direct costs, and costs associated with in-house services. Charges include only those services directly attributable to the execution of the work. Time spent when traveling in the interest of the work will be charged in accordance with the hourly rates.

Labor charges are based upon standard hourly billing rates for each category of staff. The billing rates include costs for salary, payroll taxes, insurance associated with employment, benefits (including holiday, sick leave, and vacation), administrative overheads, and profit. Rates by labor category are as follows:

CONSULTANTS & DIRECTORS	RATE	ADMINISTRATIVE SUPPORT	RATE
P1 - Assistant Consultant	$120	S2 - Project Coordinator	$93
P2 - Associate Consultant	$135	S3 - Sr. Project Coordinator	$111
P3 - Consultant	$156	S4 - Administrative Specialist	$126
P4 - Sr. Consultant	$177	S5 - Sr. Administrative Specialist	$156
P5 - Lead Consultant	$208		
P6/L1 - Sr. Lead Consultant	$241		
P7/L2 - Director	$286		
P8/L3 - Sr. Director	$297		
E1 - Principal Director	$310		

TECHNICIANS	RATE	ENGINEERING/DESIGN SUPPORT	RATE
T0 - Technician Assistant	$83	LD1 - Coordinator, Technical Engineering Support	$97
T1 - Coordinator, Technician	$104	LD2 - Sr. Coordinator, Technical Engineering Support	$112
T2 - Sr. Coordinator, Technician	$125	LD3 - Specialist, Technical Engineering Support	$130
T3 - Specialist	$146	LD4 - Sr. Technical Engineering Support Specialist	$154
T4 - Sr. Technician	$156	LD5 - Lead Design/Technical Engineering Support Specialist	$170
T5 - Lead Technician	$170		

Notes:

The above rates are subject to revision.

Rates are in US Dollars ($US)

[1] A 10% carrying charge will be added to all other disbursements including materials, subcontractor costs, drilling or excavation services and use of external laboratory services.

[2] Rates for specialist services, including but not limited to litigation support; expert witness, including time spent in depositions and the preparation and presentations of testimony; and/or senior level consultation, and priority emergency level services are available upon request.

[3] Rates for laboratory services and use of company owned equipment will be provided upon request.

[4] The rates and charges listed above exclude applicable local and federal taxes. Taxes will appear as a separate line item on each invoice.

[5] The rates noted herein do not contemplate prevailing wage law requirements. A separate rate sheet will be provided if and to the extent prevailing wage applies.

[6] Rates will be negotiated with the Department on a yearly basis pursuant to the San Francisco Bay Area Consumer Price Index and shall not exceed 3%.

Our Project Manager, Nabil, will be responsible for preparing and submitting a specific Work Plan for each project we are assigned detailing staffing, technical and cost considerations. He will work on assembling the staffing resources best suited to achieve the work associated with any given construction project. The Work Plan will provide:

- Proposed staff
- Detailed tasks and sub-tasks
- Timeline of work
- Staff hours by task and sub-task
- DBE goals/participation
- Detailed costs including:
    - Direct hourly rates
    - Fringe benefits rate
    - Overhead rate
    - General administrative rate
    - Fully loaded billing rate
    - Other direct reimbursable costs

After approval of the Work Plan by City of Menlo Park, Nabil will coordinate each staff member's specific assignment and oversee the work to make sure it conforms to Zoon, City and other applicable Quality Standards (Caltrans, Federal, etc). He will regularly interface with each specific team member assigned to a Work Plan. Nabil will ensure that all resources, tools, and equipment used in the Work Plan are in good working condition and meet expectations. He will review specific policies and procedures for adherence and suitability. Nabil will also ensure Zoon Engineering staff is adequately trained to perform the tasks expected of them. Additional training may be offered if necessary. Any necessary adjustments will be made to achieve success and further the goals outlined in the Work Plan.

IV. Rates

Name	Role	Billing Rate
Nabil Hissen, PE	Project Manager/Resident Engineer	$ 262.76
Saeed Shahmirza, PE	Resident Engineer	$ 262.76
Douglas Johnson, PE	Resident Engineer	$ 262.76
Anthony Goryl, PE	Resident Engineer	$ 196.35
Ernest Klock, PE	Resident Engineer	$ 239.66
Craig Parmley	Construction Manager	$ 262.76
Brian Macrae	Construction Manager	$ 202.13
Bahram Abbaspour	Construction Inspector	$ 112.61
Mirza Baig	Construction Inspector	$ 152.40
Keyvan Khorassani	Construction Inspector	$ 152.40
Jeremy McKenna	Construction Inspector	$ 147.42
Gerald "Jerry" Duby	Electrical Inspector	$ 174.33
Ricky Santos	Electrical Inspector	$ 175.59
Yong Lee	Scheduler	$ 248.33
Dana Hissen	Office Engineer/Scheduler	$ 158.81

On-Call professional services list	
Service/Category	**Consultant name**
Arborist	- BioMaAS, Inc. - DUDEK - HortScience Bartlett Consulting
Architectural services	- KPA Group - William Duff Architects - Saida + Sullivan Design Partners
Civil engineering	- ARC Engineering - Ardurra - BKF Engineers - Black & Veatch - CSG Consultants, Inc. - EKI Environment & Water - Freyer & Laureta - Kimley-Horn - Oak Creek Engineering - Schaaf & Wheeler - West Yost - Wood Rodgers - WSP USA
Construction management and inspection services	- Star Builder of East Bay, Inc. - 4LEAF, Inc. - Anchor Engineering, Inc. - EKI Environment & Water, Inc. - Zoon Engineering
Land development	- BKF Engineers - SNG & Associates, Inc.
Landscape architectural services	- Dillingham Associates - Callander Associates Landscape Architecture, Inc. - Gates + Associates - PGA design Landscape Architects - Verde Design, Inc.
Materials testing	- Achievement Engineering - Ninyo & Moore - ISI Inspection Services, Inc. - BSK Associates
Mechanical, electrical, and plumbing design services	- Bureau Veritas North America, Inc. - Glumac - Salas O'Brien
Surveying	- BKF Engineers
Transportation/ Traffic data	- IDAX Data Solutions - Quality Traffic Data - Traffic Data Service CA LLC