

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

THIS AGREEMENT FOR CONSULTING SERVICES (the "Agreement") is made and entered into as of June 14, 2022, by and between the CITY OF IRVINE, a municipal corporation ("City"), and NV5, INC., a California corporation ("Consultant"). Consultant is included on the City of Irvine Consultant Team List.

PART I

FUNDAMENTAL TERMS

- A. Location of Project:** The City of Irvine location(s) as set forth in PART IV, Scope of Services, included herein.
- B. Description of Services/Goods to be Provided:** Professional Consulting Services as a City of Irvine Consultant Team Member for the specialty area(s) set forth below in accordance with PART IV, Scope of Services, included herein (reference RFP 22-3198).
- B1. Project Management and Construction Management
- C. Term:** Unless terminated earlier as set forth in this Agreement, the services shall commence on July 01, 2022 ("Commencement Date") and shall continue through June 30, 2025 (or later to allow for completion of the project).
- D. Party Representatives:**
- D.1. The City designates the following person/officer to act on City's behalf:
Portia Mina, email: PMina@cityofirvine.org
- D.2. The Consultant designates the following person to act on Consultant's behalf:
Jeffrey M. Cooper, email: jeff.cooper@nv5.com

Consultant Information

Address for Notices and Payments:

163 Technology Drive, Suite 100,
Irvine, CA 92618

Attn: Jeffrey M. Cooper
Telephone: 949-585-0477
Email: jeff.cooper@nv5.com

- E. Notices:** Consultant shall deliver all notices and other writings required to be delivered under this Agreement to City at the address set forth in Part II ("General Provisions"). The City shall deliver all notices and other writings required to be delivered to Consultant at the address set forth following Consultant's signature below.
- F. Attachments:** This Agreement incorporates by reference the following Attachments to this Agreement:

- F.1. Part I: Fundamental Terms
- F.2. Part II: General Provisions
- F.3. Part III: Special Provisions
- F.4. Part IV: Scope of Services
- F.5. Part V: Budget

- G. Integration:** This Agreement represents the entire understanding of City and Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with regard to those matters covered by this Agreement. This Agreement supersedes and cancels any and all previous negotiations, arrangements, agreements, and understandings, if any, between the parties, and none shall be used to interpret this Agreement.

{Signatures follow on next page}

IN WITNESS WHEREOF, the parties have executed and entered into this Agreement as of the date first set forth above.

CITY OF IRVINE

DocuSigned by:
By: *Jaimee Bourgeois*
E369DC231FCB41F...
Jaimee Bourgeois

Its: Interim Director of Public Works and Transportation

NV5, INC.

DocuSigned by:
By: *Jeffrey M. Cooper*
D76D52C619074D0...
Jeffrey M. Cooper

Its: Vice President

DocuSigned by:
By: *MaryJo Obrien*
7FFC5B3A6A614DC...
MaryJo Obrien

Its: Secretary

Attest:

DocuSigned by:
By: *Carl Petersen*
0FCAD91F02E547D...
Carl Petersen

Its: City Clerk

APPROVED AS TO FORM:
RUTAN & TUCKER, LLP

DocuSigned by:
By: *Jeffrey T. Melching, City Attorney*
DABE8686180C4BB...
Jeffrey Melching

PART II

GENERAL PROVISIONS

SECTION ONE: SERVICES OF CONSULTANT

1.1 Scope of Services. In compliance with all terms and conditions of this Agreement, Consultant shall provide the goods and/or services shown on Part IV hereto ("Scope of Services"), which may be referred to herein as the "services" or the "work." If this Agreement is for the provision of goods, supplies, equipment or personal property, the terms "services" and "work" shall include the provision (and, if designated in the Scope of Services, the installation) of such goods, supplies, equipment or personal property.

1.2 Changes and Additions to Scope of Services. City shall have the right at any time during the performance of the services, without invalidating this Agreement, to order extra work beyond that specified in the Scope of Services or make changes by altering, adding to, or deducting from said work. No such work shall be undertaken unless a written order is first given by City to Consultant, incorporating therein any adjustment in (i) the Budget, and/or (ii) the time to perform this Agreement, which adjustments are subject to the written approval of the Consultant. City approval and/or payment for work claimed by Consultant as changed or additional shall not act to prevent City at any time to claim such work is covered by the Scope of Work and should be performed by Consultant without additional consideration due. It is expressly understood by Consultant that the provisions of this Section 1.2 shall not apply to services specifically set forth in the Scope of Services or reasonably contemplated therein. Consultant hereby acknowledges that it accepts the risk that the services to be provided pursuant to the Scope of Services may be more costly or time consuming than Consultant anticipates and that Consultant shall not be entitled to additional compensation therefor.

1.3 Standard of Performance. Consultant agrees that all services shall be performed in a competent, professional, and satisfactory manner in accordance with the standards prevalent in the industry, and that all goods, materials, equipment or personal property included within the services herein shall be of good quality, fit for the purpose intended.

1.4 Performance to Satisfaction of City. Notwithstanding any other provision herein, Consultant agrees to perform all work to the satisfaction of City within the time specified. If City reasonably determines that the work is not satisfactory, City shall have the right to take appropriate action, including but not limited to: (i) meeting with Consultant to review the quality of the work and resolve matters of concern; (ii) requiring Consultant to repeat unsatisfactory work at no additional charge until it is satisfactory; (iii) suspending the delivery of work to Consultant for an indefinite time; (iv) withholding payment; and (v) terminating this Agreement as hereinafter set forth.

1.5 Instructions from City. In the performance of this Agreement, Consultant shall report to and receive instructions from the City's Representative designated in Paragraph D.1 of Part I ("Fundamental Terms") of this Agreement. Tasks or services other than those specifically described in the Scope of Services shall not be performed without the prior written approval of the City's Representative.

1.6 Familiarity with Work. By executing this Agreement, Consultant warrants that Consultant (i) has thoroughly investigated and considered the scope of services to be performed, (ii) has carefully considered how the services should be performed, and (iii) fully understands the facilities, difficulties, and restrictions attending performance of the services under the Agreement. If

the services involve work upon any site, Consultant warrants that Consultant has or will investigate the site and is or will be fully acquainted with the conditions there existing, prior to commencement of services hereunder. Should the Consultant discover any conditions, including any latent or unknown conditions, which will materially affect the performance of the services hereunder, Consultant shall immediately inform the City of such fact in writing and shall not proceed except at Consultant's risk until written instructions are received from the City's Representative.

1.7 Identity of Persons Performing Work.

- A.** Consultant represents that it employs or will employ at its own expense all personnel required for the satisfactory performance of any and all tasks and services required hereunder. Any personnel performing the services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Consultant shall pay all wages, salaries, and other amounts due such personnel in connection with their performance of services under this Agreement and as required by law.
- B.** Consultant represents that the tasks and services required hereunder will be performed by Consultant or under its direct supervision, and that all personnel engaged in such work shall be fully qualified and shall be authorized and permitted under applicable State and local law to perform such tasks and services. Consultant will exclusively determine the means, methods and details of performing the services subject to the requirements of this Agreement.
- C.** This Agreement contemplates the personal services of Consultant and Consultant's employees, and it is recognized by the parties hereto that a substantial inducement to City for entering into this Agreement was, and is, the professional reputation and competence of Consultant. Neither this Agreement nor any interest therein may be assigned by Consultant, except upon written consent of City.

1.8 Prohibition Against Subcontracting or Assignment. Consultant shall not contract with any other entity to perform in whole or in part the services required hereunder without the express written approval of City. In addition, neither the Agreement nor any interest herein may be transferred, assigned, conveyed, hypothecated, or encumbered voluntarily or by operation of law, whether for the benefit of creditors or otherwise, without the prior written approval of City. In the event of any unapproved transfer, including any bankruptcy proceeding, City may void the Agreement at City's option in its sole and absolute discretion. No approved transfer shall release any surety of Consultant of any liability hereunder without the express written consent of City.

SECTION TWO: INSURANCE AND INDEMNIFICATION

2.1 Insurance. Without limiting Consultant's indemnification obligations, Consultant shall procure and maintain, at its sole cost and for the duration of this Agreement, insurance coverage as provided below, against all claims for injuries against persons or damages to property which may arise from or in connection with the performance of the work hereunder by Consultant, its agents, representatives, employees, and/or subconsultants. In the event that Consultant subcontracts any portion of the work in compliance with Section 1.8 of this Agreement, the contract between the Consultant and such subconsultant shall require the subconsultant to maintain the same policies of insurance that the consultant is required to maintain pursuant to this Section 2.1.

2.1.1 Insurance Coverage Required. The Insurance obligations under this agreement shall be (1) all the Insurance coverage and/or limits carried by or available to the Consultant;

or (2) the minimum Insurance coverage requirements and/or limits shown in this agreement; whichever is greater. Any insurance proceeds in excess of or broader than the minimum required coverage and/or minimum required limits, which are applicable to a given loss, shall be available to the City. No representation is made that the minimum insurance requirements of this agreement are sufficient to cover the obligations of the Consultant under this agreement.

The policies and minimum amounts of insurance required hereunder shall be as follows:

A. Comprehensive General Liability Insurance which affords coverage at least as broad as Insurance Services Office "occurrence" form CG 00 01 including completed operations and contractual liability, with limits of liability of not less than \$2,000,000 per occurrence and \$4,000,000 annual aggregate for liability arising out of Consultant's performance of this Agreement. The limits shall be provided by either a single primary policy or combination of policies. If limits are provided with excess and/or umbrella coverage the limits combined with the primary will equal the minimum limits set forth above. If written with an aggregate, the aggregate shall be double the each occurrence limit. Such insurance shall be endorsed to:

- (1) Name the City of Irvine and its employees, representatives, officers and agents (collectively hereinafter "City and City Personnel") as additional insured for claims arising out of Consultant's performance of this Agreement.
- (2) Provide that the insurance is primary and non-contributing with any other valid and collectible insurance or self-insurance available to City.

A statement on an insurance certificate will not be accepted in lieu of the actual endorsement.

B. Automobile Liability Insurance with a limit of liability of not less than \$1,000,000 each occurrence and \$1,000,000 annual aggregate. The limits shall be provided by either a single primary policy or combination of policies. If limits are provided with excess and/or umbrella coverage the limits combined with the primary will equal the minimum limits set above. Such insurance shall include coverage for all "owned," "hired" and "non-owned" vehicles, or coverage for "any auto." Such insurance shall be endorsed to:

- (1) Name the City of Irvine and its employees, representatives, officers and agents as additional insured for claims arising out of Consultant's performance of this Agreement.
- (2) Provide that the insurance is primary and non-contributing with any other valid and collectible insurance or self-insurance available to City.

A statement on an insurance certificate will not be accepted in lieu of the actual endorsement.

C. Workers' Compensation Insurance in accordance with the Labor Code of California and covering all employees of the Consultant providing any service in the performance of this Agreement. Such insurance shall be endorsed to:

- (1) Waive the insurer's right of Subrogation against the City and City Personnel.

A statement on an insurance certificate will not be accepted in lieu of the actual endorsement unless your insurance carrier is the State of California Insurance Fund (SCIF) and the endorsement numbers 2570 and 2065 are referenced on the certificate of insurance.

In the performance of the work under this Agreement, if Consultant does not employ any person in any manner so as to become subject to the workers' compensation laws of California, Consultant agrees to indemnify, defend, and hold harmless the City of Irvine and all of its officials, employees, and agents from and against any and all claims, liabilities, and losses relating to personal injury or death, economic losses, and property damage arising out of Consultants failure to provide such worker's compensation insurance. Consultant agrees that, if firm should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, firm shall forthwith comply with those provisions, immediately furnish insurance certificates evidencing such coverage as set forth herein, and notify the City of the change in status.

- D. Professional Liability Insurance** with minimum limits of \$1,000,000 each claim. Covered professional services shall include all work performed under this Agreement and delete any exclusion that may potentially affect the work to be performed.
- E.** If the consultant maintains broader coverage and/or higher limits than the minimums shown above, the City requires and shall be entitled to the broader coverage and/or higher limits maintained by the consultant.
- F. Evidence of Insurance:** Consultant shall provide to City a Certificate(s) of Insurance evidencing such coverage together with copies of the required policy endorsements no later than five (5) business days prior to commencement of service and at least fifteen (15) business days prior to the expiration of any policy. Coverage shall not be suspended, voided, cancelled, reduced in coverage or in limits, non-renewed, or materially changed for any reason, without thirty (30) days prior written notice thereof given by the insurer to City by U.S. mail, or by personal delivery, except for nonpayment of premiums, in which case ten (10) days prior notice shall be provided. The City project title or description MUST be included in the "Description of Operations" box on the certificate.

The City's insurance certificate tracking services provider, Exigis, LLC, will send Consultant an email message providing instructions for submitting insurance certificates and endorsements.

Certificate Holder: City of Irvine, California
c/o: Exigis LLC
PO Box 4668 ECM #35050
New York, NY 10168-4668

- G. Endorsements:** A statement on an insurance certificate will not be accepted in lieu of the actual endorsement. Insurance policies shall not be in compliance if they include any limiting provision or endorsement that has not been submitted to the City for approval.

Additional Insured Endorsements **shall not:**

1. Be limited to "Ongoing Operations"
2. Exclude "Contractual Liability"
3. Restrict coverage to the "Sole" liability of Consultant
4. Contain any other exclusion contrary to the Agreement.

- H. Any Deductible in Excess of \$100,000 and/or Self-Insured Retentions** must be approved in writing by the City.

- I. Acceptability of Insurers.** Each policy shall be from a company with current A.M. Best's rating of A- VII or higher and authorized to do business in the State of California, or otherwise allowed to place insurance through surplus lines brokers under applicable provisions of the California Insurance Code or any federal law. Any other rating must be approved in writing by the City.

- J. Insurance of Subconsultants.** Consultant shall be responsible for causing Subconsultants to maintain the same types and limits of coverage in compliance with this Agreement, including naming the City as an additional insured to the Subconsultant's policies.

2.2 Indemnification. Consultant shall indemnify, defend, and hold City and City Personnel harmless from and against any and all actions, suits, claims, demands, judgments, attorney's fees, costs, damages to persons or property, losses, penalties, obligations, expenses or liabilities (herein "claims" or "liabilities") that may be asserted or claimed by any person or entity arising out of the willful or negligent acts, errors or omissions of Consultant, its employees, agents, representatives or subconsultants which directly or indirectly relate to the work being performed or services being provided under this Agreement, whether or not there is concurrent active or passive negligence on the part of City and/or City Personnel, but excluding such claims or liabilities arising from the sole active negligence or willful misconduct of City or City Personnel in connection therewith:

2.2.1 Consultant shall defend any action or actions filed in connection with any such claims or liabilities, and shall pay all costs and expenses, including attorney's fees incurred in connection therewith.

2.2.2 Consultant shall promptly pay any judgment rendered against City or any City Personnel for any such claims or liabilities.

2.2.3 In the event City and/or any City Personnel is made a party to any action or proceeding filed or prosecuted for any such damages or other claims arising out of or in connection with the work being performed or services being provided under this Agreement, Consultant shall pay to City any and all costs and expenses incurred by City or City Personnel in such action or proceeding, together with reasonable attorney's fees and expert witness fees.

These Indemnification provisions are independent of, and shall not in any way be limited by, the Insurance Requirements of this Agreement. City approval of the insurance contracts required by this Agreement does not in any way relieve the Consultant from liability under this section.

SECTION THREE: LEGAL RELATIONS AND RESPONSIBILITIES

3.1 Compliance with Laws. Consultant shall keep itself fully informed of all existing and future state and federal laws and all county and city ordinances and regulations which in any manner affect those employed by it or in any way affect the performance of services pursuant to this Agreement. Consultant shall at all times observe and comply with all such laws, ordinances, and regulations and shall be responsible for the compliance of all work and services performed by or on behalf of Consultant. When applicable, Consultant shall not pay less than the prevailing wage, which rate is determined by the Director of Industrial Relations of the State of California.

3.2 Licenses, Permits, Fees and Assessments. Consultant shall obtain at its sole cost and expense all licenses, permits, and approvals that may be required by law for the performance of the services required by this Agreement. Consultant shall have the sole obligation to pay any fees, assessments, and taxes, plus applicable penalties and interest, which may be imposed by law and arise from or are necessary for Consultant's performance of the services required by this Agreement, and shall indemnify, defend, and hold harmless City against any such fees, assessments, taxes, penalties, or interest levied, assessed, or imposed against City thereunder.

3.3 Covenant against Discrimination. Consultant covenants for itself, its heirs, executors, assigns, and all persons claiming under or through it, that there shall be no discrimination against any person on account of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status of any person, in the performance of this Agreement. Consultant further covenants and agrees to comply with the terms of the Americans with Disabilities Act of 1990 (42 U.S.C. §12101 et seq.) as the same may be amended from time to time.

3.4 Nondiscrimination in City Contracts. Any business that enters into a contract for goods or services with the City of Irvine or any of its boards, agencies, or departments shall:

- (a) Implement an employment nondiscrimination policy prohibiting discrimination in hiring, discharging, promoting or demoting, matters of compensation, or any other employment-related decision or benefit on account of actual or perceived race, color, religion, national origin, gender, physical or mental disability, age, military status, sexual orientation, gender identity, gender expression, or marital or familial status.
- (b) Not discriminate in the performance of the contract on account of actual or perceived race, color, religion, national origin, gender, physical or mental disability, age, military status, sexual orientation, gender identity, gender expression, or marital or familial status.
- (c) Incorporate the foregoing provisions in all subcontracts hereunder.

3.5 Independent Consultant. Consultant shall perform all services required herein as an independent consultant of City and shall remain at all times as to City a wholly independent consultant. City shall not in any way or for any purpose become or be deemed to be a partner of Consultant in its business or otherwise, or a joint venturer, or a member of any joint enterprise with Consultant. Consultant shall not at any time or in any manner represent that it or any of its agents or employees are agents or employees of City. Neither Consultant nor any of Consultant's employees shall, at any time, or in any way, be entitled to any sick leave, vacation, retirement, or other fringe benefits from the City; and neither Consultant nor any of its employees shall be paid by City time and

one-half for working in excess of forty (40) hours in any one week. City is under no obligation to withhold State and Federal tax deductions from Consultant's compensation. Neither Consultant nor any of Consultant's employees shall be included in the competitive service, have any property right to any position, or any of the rights an employee may have in the event of termination of this Agreement.

3.6 Covenant against Contingent Fees. Consultant warrants that it has not employed or retained any company or person other than a bona fide employee working for Consultant, to solicit or secure this Agreement and that it has not paid or agreed to pay any company or person any fee, commission, percentage, brokerage fee, gift, or any other consideration contingent upon, or resulting from, the award or making of this Agreement. For breach or violation of this warranty, City shall have the right to annul this Agreement without liability or, in its discretion, to deduct from the Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

3.7 Use of Patented Materials. Consultant shall assume all costs arising from the use of patented or copyrighted materials, including but not limited to equipment, devices, processes, and software programs, used or incorporated in the services or work performed by Consultant under this Agreement. Consultant shall indemnify, defend, and save the City harmless from any and all suits, actions or proceedings of every nature for or on account of the use of any patented or copyrighted materials consistent with Section 2.2 herein.

3.8 Proprietary Information. All proprietary information developed specifically for City by Consultant in connection with, or resulting from, this Agreement, including but not limited to inventions, discoveries, improvements, copyrights, patents, maps, reports, textual material, or software programs, but not including Consultant's underlying materials, software, or know-how, shall be the sole and exclusive property of City, and are confidential and shall not be made available to any person or entity without the prior written approval of City. Consultant agrees that the compensation to be paid pursuant to this Agreement includes adequate and sufficient compensation for any proprietary information developed in connection with or resulting from the performance of Consultant's services under this Agreement. Consultant further understands and agrees that full disclosure of all proprietary information developed in connection with, or resulting from, the performance of services by Consultant under this Agreement shall be made to City, and that Consultant shall do all things necessary and proper to perfect and maintain ownership of such proprietary information by City.

3.9 Retention of Funds. Consultant hereby authorizes City to deduct from any amount payable to Consultant (whether arising out of this Agreement or otherwise) any amounts the payment of which may be in dispute hereunder or which are necessary to compensate City for any losses, costs, liabilities, or damages suffered by City, and all amounts for which City may be liable to third parties, by reason of Consultant's negligent acts, errors, or omissions, or willful misconduct, in performing or failing to perform Consultant's obligations under this Agreement. City in its sole and absolute discretion, may withhold from any payment due Consultant, without liability for interest, an amount sufficient to cover such claim or any resulting lien. The failure of City to exercise such right to deduct or withhold shall not act as a waiver of Consultant's obligation to pay City any sums Consultant owes City.

3.10 Termination by City. City reserves the right to terminate this Agreement at any time, with or without cause, upon written notice to Consultant. Upon receipt of any notice of termination from City, Consultant shall immediately cease all services hereunder except such as may be specifically approved in writing by City. Consultant shall be entitled to compensation for all services rendered prior to receipt of City's notice of termination and for any services authorized in writing by

City thereafter. If termination is due to the failure of Consultant to fulfill its obligations under this Agreement, City may take over the work and prosecute the same to completion by contract or otherwise, and Consultant shall be liable to the extent that the total cost for completion of the services required hereunder, including costs incurred by City in retaining a replacement consultant and similar expenses, exceeds the Budget.

3.11 Right to Stop Work; Termination by Consultant. Consultant shall have the right to stop work and terminate only if City fails to timely make a payment required under the terms of the Budget. Consultant shall provide City thirty (30) day prior written notice of such claimed payment owed and City shall have an opportunity to remedy any such claimed breach during such time with no legal consequence to City. Consultant shall immediately cease all services hereunder following the thirty (30) day notice, except such services as may be specifically approved in writing by City. Consultant shall be entitled to compensation for all services rendered prior to termination and for any services authorized in writing by City thereafter. If Consultant terminates this Agreement because of an error, omission, or a fault of Consultant, or Consultant's willful misconduct, the terms of Section 3.10 relating to City's right to take over and finish the work and Consultant's liability shall apply.

3.12 Waiver. No delay or omission in the exercise of any right or remedy by a nondefaulting party with respect to any default shall impair such right or remedy or be construed as a waiver. A party's consent to or approval of any act by the other party requiring the party's consent or approval shall not be deemed to waive or render unnecessary consent to or approval of any subsequent act. A waiver by either party of any default must be in writing.

3.13 Legal Actions. Legal actions concerning any dispute, claim, or matter arising out of or in relation to this Agreement shall be instituted and maintained in the Superior Courts of the State of California in the County of Orange, or in any other appropriate court with jurisdiction in such County, and Consultant agrees to submit to the personal jurisdiction of such court.

3.14 Rights and Remedies are Cumulative. Except as may be expressly set forth in this Agreement, the rights and remedies of the parties are cumulative and the exercise by either party of one or more of such rights or remedies or other rights or remedies as may be permitted by law or in equity shall not preclude the exercise by such party, at the same or different times, of any other rights or remedies to which such party may be entitled.

3.15 Attorneys' Fees. In any action between the parties hereto seeking enforcement of any of the terms or provisions of this Agreement or in connection with the performance of the work hereunder, the party prevailing in the final judgment in such action or proceeding, in addition to any other relief which may be granted, shall be entitled to have and recover from the other party its reasonable costs and expenses, including, but not limited to, reasonable attorney's fees, expert witness fees, and courts costs. If either party to this Agreement is required to initiate or defend litigation with a third party because of the violation of any term or provision of this Agreement by the other party, then the party so litigating shall be entitled to its reasonable attorney's fees and costs from the other party to this Agreement.

3.16 Force Majeure. The time period specified in this Agreement for performance of services shall be extended because of any delays due to unforeseeable causes beyond the control and without the fault or negligence of City or Consultant, including, but not restricted to, acts of nature or of the public enemy, unusually severe weather, fires, earthquakes, floods, epidemics, quarantine restrictions, riots, strikes, freight embargoes, wars, litigation, and/or acts of any governmental agency, including City, if the delaying party shall within ten (10) days of the commencement of such delay notify the other party in writing of the causes of the delay. If Consultant is the delaying party, City shall ascertain the facts and the extent of delay, and extend the time for performing the services

for the period of the enforced delay when and if in the judgment of City such delay is justified. City's determination shall be final and conclusive upon the parties to this Agreement. In no event shall Consultant be entitled to recover damages against City for any delay in the performance of this Agreement, however caused. Consultant's sole remedy shall be extension of this Agreement pursuant to this Section 3.14.

3.17 Non-liability of City Officers and Employees. No officer, official, employee, agent, representative, or volunteer of City shall be personally liable to Consultant, or any successor in interest, in the event of any default or breach by City, or for any amount which may become due to Consultant or its successor, or for breach of any obligation of the terms of this Agreement.

3.18 Conflicts of Interest.

- A.** No officer, official, employee, agent, representative or volunteer of City shall have any financial interest, direct or indirect, in this Agreement, or participate in any decision relating to this Agreement that affects his or her financial interest or the financial interest of any corporation, partnership, association or other entity in which he or she is interested, in violation of any federal, state or city statute, ordinance or regulation. Consultant shall not employ, contract for, or receive consulting services from any such person, whether for compensation or not, while this Agreement is in effect.
- B.** Consultant represents, warrants and covenants that he, she or it presently has no interest, direct or indirect, which would interfere with or impair in any manner or degree the performance of Consultant's obligations and responsibilities under this Agreement. Consultant further agrees that while this Agreement is in effect, Consultant shall not acquire or otherwise obtain any interest, direct or indirect, that would interfere with or impair in any manner or degree the performance of Consultant's obligations and responsibilities under this Agreement.
- C.** Consultant acknowledges that pursuant to the provisions of the Political Reform Act (Government Code section 87100 et seq.), City may determine Consultant to be a "Consultant" as that term is defined by the Act. In the event City makes such a determination, Consultant agrees to complete and file a "Statement of Economic Interest" with the City Clerk to disclose such financial interests as required by City. In such event, Consultant further agrees to require any other person doing work under this Agreement to complete and file a "Statement of Economic Interest" to disclose such other person's financial interests as required by City.

3.19 Consultant Ethics. Consultant represents and warrants that it has not provided or promised to provide any gift or other consideration, directly or indirectly, to any officer, employee, or agent of City to obtain City's approval of this Agreement. Consultant shall not, at any time, have any financial interest in this Agreement or the project that is the subject of this Agreement other than the compensation to be paid to Consultant as set forth in this Agreement. In the event the work and/or services to be performed hereunder relate to a project and/or application under consideration by or on file with the City, (i) Consultant shall not possess or maintain any business relationship with the applicant or any other person or entity which Consultant knows to have a personal stake in said project and/or application, (ii) other than performing its work and/or services to City in accordance with this Agreement Consultant shall not advocate either for or against said project and/or application, and (iii) Consultant shall immediately notify City in the event Consultant determines that Consultant has or acquires any such business relationship with the applicant or other person or entity which has a personal stake

in said project and/or application. The provisions in this Section shall be applicable to all of Consultant's officers, directors, employees, and agents, and shall survive the termination of this Agreement.

3.20 Compliance with California Unemployment Insurance Code Section 1088.8.

If Consultant is a Sole Proprietor, then prior to signing the Agreement, Consultant shall provide to the City a completed and signed Form W-9, Request for Taxpayer Identification Number and Certification. Consultant understands that pursuant to California Unemployment Insurance Code Section 1088.8, the City will report the information from Form W-9 to the State of California Employment Development Department, and that the information may be used for the purposes of establishing, modifying, or enforcing child support obligations, including collections, or reported to the Franchise Tax Board for tax enforcement purposes.

3.21 CalPERS Annuitants. If Consultant is a California Public Employees' Retirement System ("CalPERS") annuitant, Consultant must provide the City with written notification of such fact a minimum of 14 calendar days prior to commencement of services under this Agreement. Failure to provide such notification may result in termination of the Agreement, and any penalties or other costs relating thereto shall be borne by Consultant. If this Agreement remains in place, Consultant shall execute any amendment(s) to this Agreement requested by the City in order to comply with all laws and regulations applicable to CalPERS annuitants.

SECTION FOUR: MISCELLANEOUS PROVISIONS

4.1 Records and Reports. The City Manager of the City of Irvine or his/her designee reserves the right to perform such audits, performance reviews, and other evaluations (collectively 'audit') that relate to or concern this Agreement at any time. Consultant agrees to participate and cooperate in up to five (5) hours of meetings and interviews (at no additional cost to City), if the same are requested by the City in connection with such an audit. Further, provided that the City pays Consultant's commercially reasonable hourly rate for services, Consultant agrees to participate and cooperate in such additional meetings and interviews (in excess of five (5) hours), if the same are requested by the City in connection with such an audit. Upon request by City, Consultant shall prepare and submit to City any reports concerning Consultant's performance of the services rendered under this Agreement. City shall have access, with 72 hours advance written notice delivered to Consultant, to the books and records of Consultant related to Consultant's performance of this Agreement in the event any audit is required. All drawings, documents, and other materials prepared by Consultant in the performance of this Agreement (i) shall be the property of City and shall be delivered at no cost to City upon request of City or upon the termination of this Agreement, and (ii) shall not be made available to any individual or entity without prior written approval of City. The obligations of this Section 4.1 shall survive the expiration (or earlier termination) of this Agreement for a period of three (3) years. During said three (3) year period, Consultant shall keep and maintain all records and reports related to this Agreement, and City shall have access to such records in the event any audit is required.

4.2 Notices. Unless otherwise provided herein, all notices required to be delivered under this Agreement or under applicable law shall be personally delivered, or delivered by United States mail, prepaid, certified, return receipt requested, or by reputable document delivery service that provides a receipt showing date and time of delivery. Notices personally delivered or delivered by a document delivery service shall be effective upon receipt. Notices delivered by mail shall be effective at 5:00 p.m. on the second calendar day following dispatch. Notices to the City shall be delivered to the following address, to the attention of the City Representative set forth in Paragraph D.1 of the Fundamental Terms of this Agreement:

To City: City of Irvine
One Civic Center Plaza (92606) (Hand Deliveries)
P. O. Box 19575
Irvine, CA 92623-9575

Notices to Consultant shall be delivered to the address set forth below Consultant's signature on Part I of this Agreement, to the attention of Consultant's Representative set forth in Paragraph D.2 of the Fundamental Terms of this Agreement. Changes in the address to be used for receipt of notices shall be effected in accordance with this Section 4.2.

4.3 Construction and Amendment. The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either party by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply. The headings of sections and paragraphs of this Agreement are for convenience or reference only, and shall not be construed to limit or extend the meaning of the terms, covenants and conditions of this Agreement. This Agreement may only be amended by the mutual consent of the parties by an instrument in writing.

4.4 Severability. Each provision of this Agreement shall be severable from the whole. If any provision of this Agreement shall be found contrary to law, the remainder of this Agreement shall continue in full force.

4.5 Authority. The person(s) executing this Agreement on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said party, (iii) by so executing this Agreement, such party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which said party is bound.

4.6 Special Provisions. Any additional or supplementary provisions or modifications or alterations of these General Provisions shall be set forth in Part III of this Agreement ("Special Provisions").

4.7 Precedence. In the event of any discrepancy between Part I ("Fundamental Terms"), Part II ("General Provisions"), Part III ("Special Provisions"), Part IV ("Scope of Services"), and/or Part V ("Budget") of this Agreement, the order of precedence shall be as follows:

Part III
Part II
Part IV
Part V
Part I

PART III

SPECIAL PROVISIONS

1. **Business License Requirement.** Consultants who provide services for the City of Irvine within the city limits of Irvine shall obtain, within five (5) days of issuance of a purchase order for services to be performed hereunder and prior to commencing any work herein, a City of Irvine business license and shall maintain a current business license throughout the term of this Agreement.
2. **Consultant Office Location.** Consultant must have a full-time service office in Southern California, preferably in Orange County, during the entire duration of this Agreement, including a physical address and applicable business license(s), where key staff such as project managers are located to ensure availability for meetings at City facilities as requested within a reasonable timeframe during normal business hours.
3. **Use of Subconsultants.** Consultant must perform the majority of the primary work set forth in the scope of services for the specialty area(s) for which the Consultant has been approved as set forth herein with its own workforce (versus using subconsultants). The City may allow the use of subconsultants provided they are delineated at the time of proposal submittal, or at the time of project award if expressly included in the project proposal. Contactor shall disclose in the project proposal any and all proposed subconsultant(s), including details regarding which tasks they would perform.
4. **Insurance Requirements.** PART II, GENERAL PROVISIONS, Section 2.1.1 - A. Comprehensive General Liability, and B. Automobile Liability Insurance shall be endorsed to: is replaced with the following:
 - (1) Name the City of Irvine and the Great Park Corporation and their Officers, employees, agents, volunteers and representatives (collectively hereinafter "City and City Personnel") as additional insured for claims arising out of Contractor's performance of this Agreement.
 - (2) Provide that the insurance is primary and non-contributing with any other valid and collectible insurance or self-insurance available to City.
5. **PART II, GENERAL PROVISIONS, Section 2.1.1, Section D. Professional Liability Insurance, is modified for Design Professionals only.**

D. Professional Liability Insurance with minimum limits of \$1,000,000 each claim. Covered professional services shall include all work performed under this Agreement and delete any exclusion that may potentially affect the work to be performed. **Business Entities performing those professional services as set forth in California Civil Code 2782.8, as excerpted below, shall retain their Professional Liability Insurance in full force and effect for a minimum period of three (3) years after completion of any project performed hereunder.**
6. **PART II, GENERAL PROVISIONS, Section 2.2 is modified as follows:**

The following modified Indemnification section 2.2 applies **only to Design Professional as set forth in California Civil Code 2782.8, excerpted below.**

"Design Professionals" include all of the following:

(A) An individual licensed as an architect pursuant to Chapter 3 (commencing with Section 5500) of Division 3 of the Business and Professions Code, and a business entity offering architectural services in accordance with that chapter.

(B) An individual licensed as a landscape architect pursuant to Chapter 3.5 (commencing with Section 5615) of Division 3 of the Business and Professions Code, and a business entity offering landscape architectural services in accordance with that chapter.

(C) An individual registered as a professional engineer pursuant to Chapter 7 (commencing with Section 6700) of Division 3 of the Business and Professions Code, and a business entity offering professional engineering services in accordance with that chapter.

(D) An individual licensed as a professional land surveyor pursuant to Chapter 15 (commencing with Section 8700) of Division 3 of the Business and Professions Code, and a business entity offering professional land surveying services in accordance with that chapter.

2.2 Indemnification. Consultant shall, to the fullest extent permitted by law (including without limitation California Civil Code Sections 2782 et seq.), defend (with legal counsel reasonably acceptable to the City), indemnify and hold free and harmless the City and City Personnel (collectively, the “Indemnitees”) from and against any and all claims, losses, costs, damages, injuries (including without limitation injury to or death of Consultant or Consultant’s officers, agents, employees, representatives)(collectively, the “Consultant Entities”), expenses and liabilities of every kind, nature and description (including without limitation incidental damages, court costs, attorney’s fees, litigation expenses and fees of expert consultants or expert witnesses incurred in connection therewith and costs of investigation) that arise out of, pertain to, or relate to, the negligence, recklessness or willful misconduct of Consultant, any of the Consultant Entities, anyone directly or indirectly employed by any of them, or anyone that they control (collectively, “claims or liabilities”).

2.2.1 Such obligation to defend, hold harmless and indemnify any Indemnitee shall not apply to the extent that such claims or liabilities are caused in part by the negligence, active negligence or willful misconduct of such Indemnitee.

2.2.2 In the event City and/or any City Personnel is made a party to any action or proceeding filed or prosecuted for any such claims or liabilities, Consultant shall pay to City any and all costs and expenses incurred by City or City Personnel in such action or proceeding, together with reasonable attorney’s fees and expert witness fees.

2.2.3 Consultant shall promptly pay any judgment rendered against City or any City Personnel for any such claims or liabilities.

7. **Disadvantaged Business Enterprise (DBE) Program.** In accordance with the City of Irvine’s federal financial assistance agreements with the U.S. Department of Transportation and Caltrans, the City of Irvine must comply with Title 49 CFR Part 26, Code of Federal Regulations, Part 26, *Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs*. Further DBE requirements and forms shall be provided to Consultant on a per project basis for applicable projects. Should a subsequent let project include a DBE goal the proposer would be required to be responsive to the goal and all DBE submittal requirements.

It is the policy of the City of Irvine to ensure that minority, women, and other disadvantaged and small businesses can fairly compete for and perform on all the City of Irvine’s contracts

and subcontracts.

8. **Non-Discrimination**. In compliance with state and federal anti-discrimination laws, Consultant affirms that it shall not exclude or discriminate on the basis of race, color, national origin, or sex in consideration of contract award opportunities. Further, Consultant affirms that it will consider, and utilize subconsultants, bidders, and vendors in a manner consistent with non-discrimination objectives.
9. PART II, GENERAL PROVISIONS, Section 2.1..1 – **F. Evidence of Insurance**, first paragraph, second sentence, is replaced with the following:

Coverage shall not be suspended, voided, cancelled, reduced in coverage or in limits, non-renewed, or materially changed for any reason, without thirty (30) days prior written notice thereof given by the insurer to City by U.S. mail, or by personal delivery, except for nonpayment of premiums, in which case ten (10) days prior notice shall be provided; Consultant shall provide any advanced notice require herein if insurance carriers will not provide.

PART IV

SCOPE OF SERVICES

The Scope of Services shall be established on a per-project basis and as set forth below which is in accordance with the Scope of Services set forth in RFP 22-3198 for the specialty area(s) for which Consultant has been awarded. Upon request by City, Consultant shall provide a detailed project proposal including pricing consistent with, or less than, those hourly rates set forth herein; such proposal shall become an exhibit to a City issued Purchase Order. Consultant shall not commence work until a Purchase Order is issued by the City authorizing such work.

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT

The scope of work includes project management and construction management for streets, bridges, bike trails, drainage improvements, parks, buildings, open space amenities, landscaping, traffic signals, playground equipment, shade structures and sports fields.

Consultant shall provide all related services including but not limited to the following:

- Be proficient in preparing Requests for Proposals for design consultant selection
- Develop criteria for design consultant selection, evaluate candidates and make recommendations
- Prepare contracts for the selected design consultants
- Prepare a master project budget and schedule
- Monitor and review design consultants' progress, budget and schedule, review plans and technical specifications for completeness and constructability
- Perform a pre-construction survey, prepare bidding documents; monitor and facilitate design consultants' plan checking with all pertinent agencies
- Perform constructability review
- Prepare a master list for all plan check comments and responses
- Review the Engineer's Estimate for accuracy
- Provide value engineering reviews
- Provide reports for grant requirements
- Assist in bidding of projects
- Assist in Prequalification of bidders
- Provide response to bidders during bidding period
- Provide bid analysis
- Conduct reference checks on the low bidder
- Conduct state license and insurance checks on low bidder

- Make recommendation for the successful bidder
- Prepare contract for the successful bidder
- Review contract required documents from the successful bidder
- Identify design/construction alternatives that may be employed to reduce Project duration and costs, and minimize conflicts between the proposed improvements and existing site improvements and utilities.
- Complete understanding of county, state, and federal water pollution control regulations related to runoff from and/or de-watering of construction sites
- Thorough knowledge of critical path scheduling, including an ability to evaluate schedules submitted by contractors and to evaluate and anticipate downstream impacts to those schedules during construction
- Review contractor's monthly payment request and make recommendation for payment
- Coordinate the surveying, materials testing and inspection needs of the project
- May provide construction inspection, surveying, hydrant flow testing, and materials testing services
- Monitor the inspection, surveying, and materials testing budget
- Review, negotiate and make recommendations for change orders
- Review, respond and facilitate response to Request For Information (RFI)
- Review and facilitate submittals and shop drawings
- Provide and maintain logs for RFIs, change orders, submittals, Request For Quotations, Correction Notices, Stop Work Notices, and related construction documents
- Coordinate and facilitate coordination with utility companies and contractor
- Review contractor certified payroll for accuracy
- Provide videotape and photographic documentation of project site prior to and during construction, including video inspection of utilities
- Prepare weekly construction progress report to the City
- Monitor, evaluate and report contractor's labor compliance
- Monitor, evaluate and report contractor's environmental compliance including preparing the Stormwater Multiple Application and Report Tracking System (SMARTS) reports; update and upload them into the online database.
- Review contractor's safety program
- Prepare project punch-list
- Issue correction notices for deficiencies found, and monitor and enforce all corrective action as necessary.

- Obtain all record (As-Built) drawings, contract required documents, lien releases, and written warranties
- Coordinate collecting all documents needed for Project closure including guarantees, warranties, O&M manuals, affidavits, released bonds and waivers, etc.
- Document potential contractor claims and respond to contractor potential claim correspondence citing specific contract documents, codes, etc.
- Prepare analysis of potential claims and make recommendations regarding their settlement
- Negotiate with contractor and assist the City to facilitate claim resolution

Consultant shall be expected to perform work on the specified project for the entire duration of the project. No staff substitution is allowed. Consultant is expected to monitor his/her approved budget and notify the City of additional work outside the contracted scope of work prior to performing such additional work.

Consultant staff shall ensure all work conforms with applicable City, State and Federal laws, latest versions of City Design Manuals, City Standard Plans, Caltrans manuals and policies, Caltrans Standard Plans and Specifications, APWA Standard Specifications for Public Works Construction "Greenbook," Manual of Uniform Traffic Control Devices and California Building Codes, all as revised and amended.

PART V

BUDGET

Pricing shall be as set forth below and in accordance with ATTACHMENT I.

Pricing for each project performed hereunder shall be determined by no greater than the hourly rates set forth in "Price Proposal" (approved hourly rates from proposal), ATTACHMENT I, attached hereto, and shall remain firm for the entire three (3) year term of the Agreement.

The City will not reimburse for travel-related expenses.

Included in the total compensation are all ordinary and overhead expenses incurred by Consultant and its agents and employees, including meetings with City representatives, and incidental costs incurred in performing under this Agreement. The total compensation for the Scope of Services for each project shall be provided via City-issued purchase order, and shall include all amounts payable to Consultant for its overhead, payroll, profit, and all costs of whatever nature, including without limitation all costs for subconsultants, materials, equipment, supplies, and costs arising from or due to termination of this Agreement.

No work shall be performed in connection with this Agreement until the receipt of a signed City of Irvine Purchase Order; and no work shall be performed with a value in excess of the Purchase Order amount as the City has not authorized nor is it obligated to pay Consultant any such excess amount.

In the event Consultant anticipates the potential need to perform services beyond those set forth herein where additional funding may be needed, Consultant shall notify City in writing allowing sufficient time for City to consider further action.

Payment for services will be made monthly on invoices deemed satisfactory to the City, with payment terms of net 30 days upon receipt of invoice. Consultant shall submit invoices within fifteen (15) days from the end of each month in which services have been provided. Consultant shall provide invoices with sufficient detail to ensure compliance with pricing as set forth in this Agreement. The information required may include: date(s) of work, hours of work, hourly rate(s), and material costs.

The Purchase Order number must be included on all invoices, along with the City Representative's name. Failure to include this information on the invoice shall result in the return of the unpaid invoice.

Consultants should submit invoices electronically to: **isubmittal@cityofirvine.org**

Payment by City under this Agreement shall not be deemed as a waiver of the City's right to claim at a later point that such payment was not due under the terms of this Agreement.

PRICING PROPOSAL

ATTACHMENT I

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT

Fee Schedule

N | V | 5

Rates are effective through the initial term of the contract. Hourly rates apply to our staff working on-site utilizing City office space, equipment, and materials as well as our staff working off-site in our home or field office.

ENGINEERING SERVICES	HOURLY RATE**
Principal	\$230
Senior Project Manager	\$205
Project Manager	\$185
Quality Assurance Manager	\$185
Senior Engineer	\$165
Project Engineer	\$140
Assistant Engineer	\$130
Designer	\$120
Engineering Technician	\$90
CADD Drafter	\$90
Administration	\$90
CONSTRUCTION SERVICES	HOURLY RATE**
Senior Construction Manager	\$185
Construction Manager	\$165
Senior Office Engineer	\$140
Office Engineer	\$120
Senior Construction Inspector (Prevailing Wage)*	\$138
Construction Inspector (Prevailing Wage)*	\$130
Construction Administration	\$90
SURVEY TECHNICAL SERVICES	HOURLY RATE**
Engineering Aide/Planning Aide	\$89
Project Assistant	\$95
Project Administrator	\$110
CADD Technician I	\$115
CADD Technician II	\$126
CADD Technician III	\$149
Sr. CADD Technician/Designer	\$160
Design Supervisor	\$163
GIS Technician I	\$110
GIS Analyst	\$149

PRICING PROPOSAL

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT

Fee Schedule

N | V | 5

Rates are effective through the initial term of the contract. Hourly rates apply to our staff working on-site utilizing City office space, equipment, and materials as well as our staff working off-site in our home or field office.

SURVEY PROFESSIONAL SERVICES	HOURLY RATE**
Junior Engineer/Planner/Scientist/Surveyor	\$131
Assistant Engineer/Planner/Scientist/Surveyor	\$149
Associate Engineer/Planner/Scientist/Surveyor	\$168
Senior Engineer/Planner/Scientist/Surveyor	\$184
Manager	\$236
Associate	\$247
Principal	\$275
FIELD SURVEY	HOURLY RATE**
1-Person Survey Crew*	\$185
2-Person Survey Crew*	\$315
3-Person Survey Crew*	\$385
REIMBURSABLE EXPENSES	COST
Reproduction	Cost
Consultant Services	Cost + 15%
Delivery, Freight, Courier	Cost
Agency Fees	Cost

* Assumes prevailing wages are applicable for field work.

** Rates for Technical Staff are based on an 8-hour workday, Monday through Friday. Work in excess of eight (8) hours in one day will be charged a premium of 1.5 times the quoted rates. Work over 40 hours in one week will be charged at 1.5 times the quoted rate. Work over 12 hours in one day or over eight (8) hours on the seventh consecutive day or worked holidays will be charged at 2.0 times the quoted rates.

PRICING PROPOSAL

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT

<u>NV5 GEOTECHNICAL SERVICES FEE SCHEDULE</u>		
<u>PROFESSIONAL STAFF</u>		
<u>Personnel</u>	2022 - 2025	
Senior Principal Engineer / Geologist		\$235.00/hr.
Principal Engineer / Geologist		\$210.00/hr.
Associate Engineer / Geologist		\$190.00/hr.
Senior Engineer / Geologist		\$170.00/hr.
Project Engineer / Geologist		\$145.00/hr.
Senior Staff Engineer / Geologist		\$125.00/hr.
Staff Engineer / Geologist		\$110.00/hr.
Senior CQA Manager		\$160.00/hr.
CQA Manager		\$140.00/hr.
Field Supervisor		\$140.00/hr.
Administrative Staff		\$75.00/hr.
<u>FIELD STAFF</u>		
		Prevailing Wage (as of July 1, 2021)
Soil / ACI Technician I		\$106.00/hr.
Soil / ACI Technician II		\$111.00/hr.
Soil / ACI Technician III		\$116.00/hr.
ICC Special Inspector I (Concrete, Masonry, Steel, Bolt, Fireproofing)		\$111.00/hr.
ICC Special Inspector II (Concrete, Masonry, Steel, Bolt, Fireproofing)		\$116.00/hr.
ICC Special Inspector III (Concrete, Masonry, Steel, Bolt, Fireproofing)		\$121.00/hr.
Certified Welding Inspector I		\$116.00/hr.
Certified Welding Inspector II		\$121.00/hr.
NDT Technician		\$124.00/hr.
Ground Penetrating Radar (Technician and Equipment)		\$168.00/hr.
Anchor Pull Test - up to 30kips		\$111.00/hr.
Concrete Coring Technician and Equipment		\$171.00/hr.
Torque/Ground Rod Testing (Technician and Equipment)		\$111.00/hr.
"Wildcat", 35-lb hammer Dynamic Cone Penetrometer (DCP) with technician		\$378.00/hr.
Lightweight 5-lb Gas Dynamic Cone Penetrometer (DCP) equipment with technician		\$168.00/hr.
Seismic Refraction Survey Using Geode 24-Channel Seismodule		\$3000.00/day
Pick-Up		\$68.00/hr.
<u>LABORATORY FEE SCHEDULE</u>		
<u>Laboratory Testing</u>	2022 - 2025	
<u>Asphalt Concrete</u>		
Asphalt Mix Design Review		\$300.00/ea.
Hveem Stability & Unit Weight		\$190.00/ea.

PRICING PROPOSAL

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT

Marshall Stability, Flow & Unit Weight	190.00/ea. (per test specimen)
Maximum Theoretical Unit Weight (Rice)	\$130.00/ea.
Extraction - Ignition Oven (including gradation)	\$200.00/ea.
Percent Swell	\$140.00/ea.
<u>Laboratory Testing (Continued)</u>	2022 -2025
Unit Wt Compacted Sample (Specific Gravity)	\$85.00/ea.
Unit Weight Sample Requiring Compaction	\$140.00/ea.
<i>Aggregates</i>	
Absorption Test, Coarse Aggregate	\$50.00/ea.
Absorption Test, Fine Aggregate	\$50.00/ea.
Clay Lumps & Friable Particles	\$115.00/ea.
Cleanness Value	\$130.00/ea.
Crushed Particles, Percent	\$165.00/ea.
Durability Index, Coarse Aggregate	\$120.00/ea.
Durability Index, Fine Aggregate	\$120.00/ea.
Organic Impurities in Sand	\$80.00/ea.
Sieve Analysis Coarse Aggregate	\$95.00/ea.
Sieve Analysis Fine Aggregate (includes Wash)	\$125.00/ea.
Sodium Sulfate Soundness (5 cycle test per primary size)	\$365.00/ea.
Specific Gravity, Fine Aggregate	\$90.00/ea.
Specific Gravity, Coarse Aggregate	\$80.00/ea.
Unit Weight (per cubic foot) Voids in Aggregate	\$70.00/ea.
<i>Structural/Reinforcing Steel</i>	
H. S. Bolt Conformance– Bolt, Nut & Washer (DSA)	\$350.00/ea.
Mechanically Spliced Reinforcing Steel	\$180.00/ea.
Mechanical Tests, Hardness Test, Rockwell	\$75.00/ea.
Prestressed Steel, Tensile Test, Strand (7-wire)	\$190.00/ea.
Reinforcing Steel, Tensile Test – No. 8 Bar and Smaller <	\$80.00/ea.
Reinforcing Steel, Tensile Test – No. 9 Bar and Greater >	\$95.00/ea.
Reinforcing Steel, Bend Test	\$60.00/ea.
Spray-applied Fireproofing Density Tests	\$75.00/ea.
Structural Steel, Tensile – Up to 200,000 lbs.	\$110.00/ea.
Structural Steel, Bend Test	\$75.00/ea.
Welded Specimens, Tensile Test	\$125.00/ea.
<i>Masonry</i>	
Absorption Test, Brick	\$60.00/ea.
Compression Test, Composite Prism	\$145.00/ea.
Compression Test, Brick	\$50.00/ea.
Compression Test, Blocks	\$75.00/ea.
Compression Test, Cores	\$75.00/ea.

PRICING PROPOSAL

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT

Compression Test, Grout / Mortar	\$29.00/ea.
Masonry Block Conformance	\$575.00/ea.
Modulus of Rupture, Brick	\$50.00/ea.
Moisture as Received, Brick	\$50.00/ea.
<u>Laboratory Testing (Continued)</u>	2022 -2025
Saturation Coefficient Brick	\$55.00/ea.
Unit Weight & Absorption, Block	\$55.00/ea.
Efflorescence, Block or Brick Only	\$55.00/ea.
Linear Shrinkage	\$250.00/ea.
Masonry Core Shear Test	\$100.00/ea.
<i>Roofing</i>	
Roofing Tile Absorption (Set of 5)	\$250.00/ea.
Roofing Tile Strength Test (Set of 5)	\$250.00/ea.
<i>Soils</i>	
Chloride Content of Soil	\$80.00/ea.
Consolidation (up to 9 loads)	\$275.00/ea.
Direct Shear (undisturbed ring specimens)	\$250.00/ea.
Direct Shear (remolded specimens)	\$295.00/ea.
Expansion Index	\$160.00/ea.
Proctor (per curve)	\$200.00/ea.
Proctor w/Rock Correction (per curve)	\$225.00/ea.
Moisture Content / Dry Density	\$40.00/ea.
Plasticity Index/Liquid Limit (Atterberg Limit)	\$150.00/ea.
R-value (minimum 3 points)	\$275.00/ea.
Resistivity & pH of Soil	\$170.00/ea.
Sand Equivalent	\$95.00/ea.
Sieve Analysis	\$130.00/ea.
Sulfate Content of Soil	\$80.00/ea.
Thermal Resistivity of Soil (including 1 proctor curve)	\$1000.00/ea.
<i>Concrete</i>	
Compression Test, 4x8 or 6x12Cylinder	\$26.00/ea.
Compression Test Gunite / Shotcrete Panels, 3 Cores/Panel)	\$325.00/ea.
Compression Test, Core (incl sample prep)	\$75.00/ea.
Compression Test, Lightweight Concrete Fill	\$50.00/ea.
Compression Test, Non-shrink Grout Cubes	\$50.00/ea.
Concrete Flexural Test	\$80.00/ea.
Concrete Mix Design (revision or review)	\$300.00/ea.
Drying Shrinkage (3 specimens – 28 days)	\$350.00/ea.
Modulus of Elasticity, Static	\$250.00/ea.
Splitting Tensile Strength	\$100.00/ea.

PRICING PROPOSAL

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT

Thermal Resistivity Testing of Concrete / FTB	\$450.00/ea.
Unit Weight, Lightweight Concrete Fill	\$80.00/ea.
Minimum Charges for Material Testing and Inspections – Hours will be charged portal to portal. For inspection call-out between 0 and 4 hours a minimum charge of 4 hours will be charged. Eight hours will be charged for work performed over 4 hours up to eight hours. Actual time will be charged for work performed over 8 hours, rounded up to the nearest half hour. A 4-hour minimum will apply for unscheduled cancellations. A 4-hour minimum charge shall apply to all cancellations after inspector or technician has been dispatched.	
Testing Samples - There will be a 50% premium charge for “rush/priority” testing. This testing laboratory agrees to exercise reasonable care in obtaining, preserving and caring for the samples to be tested, but assumes no responsibility for damages, either direct or consequential, which arise or are alleged to arise from loss, damage or destruction of samples due to circumstances beyond this testing laboratory’s control. Samples are discarded after testing unless requested otherwise in writing by the client.	
Scheduling - A minimum of 24 hours’ notice is requested to schedule personnel. If less than 24 hours’ notice is provided on a cancellation, a cancellation charge of 2 hours may be assessed.	
Engineering Review/Report Preparation – Reasonable engineering and project management time will be included for scheduling, report review, and data evaluation.	
This Fee Schedule contains only the basic services performed by this office and is not a complete listing. Do not hesitate to call for a quotation or proposal if your service needs are not listed herein.	

PRICING PROPOSAL

B1. PROJECT MANAGEMENT AND CONSTRUCTION MANAGEMENT



PACIFIC RESOURCES SERVICES LABOR RATES*		
Staff		Hourly Rate
Benjamin Ocasio	Lead Labor Compliance Analyst	\$146.80
Open	Labor Compliance Analyst	\$124.21
Monica Mendez	Lead Site Visits	\$101.63
Morita Capili	Office Support	\$79.05

*Rates will remain fixed during the duration of the agreement.

All hourly costs are fully burdened. There are no additional costs (such as mileage, communication, etc.) to our client.