

AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR

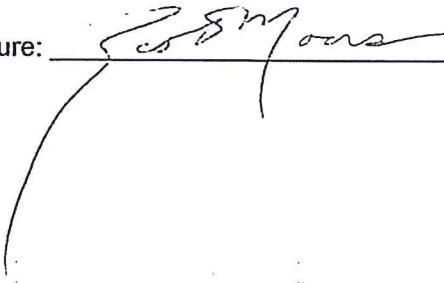
Agreement for Services of Independent Contractors for Materials Testing and Inspection Services

(Bill Tracy, x5694, Public Works, Transportation Section)

Attachment A contains the Standard Agreement used by the County for technical services and added clauses by the State Auditors; no changes will be made to the Standard Agreement language. Consultants are required to review the Standard Agreement and acknowledge their acceptance of the terms of the Standard Agreement language in the space provided below. Failure to acknowledge acceptance of the Standard agreement language will cause the rejection of the proposal without further consideration.

SCOTT MOORS acknowledges acceptance of the terms of the Standard Agreement, "Agreement for Services of Independent Contractors."

Signature: _____

A handwritten signature in black ink, appearing to read "Scott Moors", is written over a horizontal line. A long, curved line extends from the bottom of the signature down and to the left.

AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR

THIS AGREEMENT (hereafter Agreement) is made by and between the County of Santa Barbara, a political subdivision of the State of California (hereafter County) and NV5 West with an address at 1868 Palma Dr. Suite A, Ventura CA 93003 (hereafter Contractor) wherein Contractor agrees to provide and County agrees to accept the services specified herein.

WHEREAS, Contractor represents that it is specially trained, skilled, experienced, and competent to perform the special services required by County and County desires to retain the services of Contractor pursuant to the terms, covenants, and conditions herein set forth;

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained herein, the parties agree as follows:

1. DESIGNATED REPRESENTATIVE

Pat Santomauro at phone number (805)-681-5697 is the representative of County and will administer this Agreement for and on behalf of County. Scott Moors at phone number 805-656-6074 is the authorized representative for Contractor. Changes in designated representatives shall be made only after advance written notice to the other party.

2. NOTICES

Any notice or consent required or permitted to be given under this Agreement shall be given to the respective parties in writing, by personal delivery or facsimile, or with postage prepaid by first class mail, registered or certified mail, or express courier service, as follows:

To County: Pat Santomauro, Santa Barbara County Public Works Department, 4417 Cathedral Oaks Road, Santa Barbara CA 93110, fax (805)-681-4991
To Contractor: NV5 West Inc., 1868 Palma Dr. Suite A, Ventura CA 93003, fax 805-650-6264.

or at such other address or to such other person that the parties may from time to time designate in accordance with this Notices section. If sent by first class mail, notices and consents under this section shall be deemed to be received five (5) days following their deposit in the U.S. mail. This Notices section shall not be construed as meaning that either party agrees to service of process except as required by applicable law.

3. SCOPE OF SERVICES

Contractor agrees to provide services to County in accordance with Exhibit A attached hereto and incorporated herein by reference.

4. PERFORMANCE PERIOD

- A. This Agreement shall go into effect on (June 4, 2019), contingent upon approval by County, and Contractor shall commence work after notification to proceed by County's designated representative. The contract shall end on (June 30, 2021), unless extended by contract amendment or unless earlier terminated.
- B. Contractor is advised that any recommendation for contract award is not binding on County until the contract is fully executed and approved by County.

5. COMPENSATION OF CONTRACTOR

In full consideration for Contractor's services, Contractor shall be paid for performance under this Agreement in accordance with the terms of EXHIBIT B attached hereto and incorporated herein by reference. Billing shall be made by invoice, which shall include the contract number assigned by COUNTY and which is delivered to the address given in Section 2 NOTICES above following completion of the increments identified on EXHIBIT B. Unless otherwise specified on EXHIBIT B, payment shall be net thirty (30) days from presentation of invoice.

6. FEDERAL AND STATE PREVAILING WAGE RATES

- A. Contractor shall comply with the State of California's General Prevailing Wage Rate requirements in accordance with California Labor Code, Section 1770, and all Federal, State, and local laws and ordinances applicable to the work.
- B. Any subcontract entered into as a result of this contract shall contain all of the provisions of this Article.

- C. When prevailing wages apply to the services described in the scope of work, transportation and subsistence costs shall be reimbursed at the minimum rates set by the Department of Industrial Relations (DIR) as outlined in the applicable Prevailing Wage Determination. See <http://www.dir.ca.gov>.
- D. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code § 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code § 1771.1(a)]; no contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code § 1725.5; and this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

7. COST PRINCIPLES AND ADMINISTRATIVE REQUIREMENTS

- A. Contractor agrees that the Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31.000 et seq., shall be used to determine the allowable cost(s) of individual items.
- B. Contractor also agrees to comply with federal procedures in accordance with 2 CFR Part 200 Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Super or Omni Circular)
- C. Any costs for which payment has been made to Contractor that are determined by subsequent audit to be unallowable under applicable Federal Regulations, are subject to repayment by Contractor to County.
- D. All subcontracts shall contain the above provisions.

8. INDEPENDENT CONTRACTOR

It is mutually understood and agreed that Contractor (including any and all of its officers, agents, and employees), shall perform all of its services under this Agreement as an independent contractor as to County and not as an officer, agent, servant, employee, joint venturer, partner, or associate of County. Furthermore, County shall have no right to control, supervise, or direct the manner or method by which Contractor shall perform its work and function. However, County shall retain the right to administer this Agreement so as to verify that Contractor is performing its obligations in accordance with the terms and conditions hereof. Contractor understands and acknowledges that it shall not be entitled to any of the benefits of a County employee, including but not limited to vacation, sick leave, administrative leave, health insurance, disability insurance, retirement, unemployment insurance, workers' compensation and protection of tenure. Contractor shall be solely liable and responsible for providing to, or on behalf of, its employees all legally-required employee benefits. In addition, Contractor shall be solely responsible and save County harmless from all matters relating to payment of Contractor's employees, including compliance with Social Security withholding and all other regulations governing such matters. It is acknowledged that during the term of this Agreement, Contractor may be providing services to others unrelated to the County or to this Agreement.

9. STANDARD OF PERFORMANCE

Contractor represents that it has the skills, expertise, and licenses/permits necessary to perform the services required under this Agreement. Accordingly, Contractor shall perform all such services in the manner and according to the standards observed by a competent practitioner of the same profession in which Contractor is engaged. All products of whatsoever nature, which Contractor delivers to County pursuant to this Agreement, shall be prepared in a manner consistent with the standards normally observed by a person practicing in Contractor's profession. Contractor shall correct or revise any errors or omissions, at County's request without additional compensation. Permits and/or licenses shall be obtained and maintained by Contractor without additional compensation.

10. SUBCONTRACTING

- A. Nothing contained in this contract or otherwise, shall create any contractual relation between County and any subcontractor(s), and no subcontract shall relieve Contractor of its responsibilities and obligations hereunder. Contractor agrees to be as fully responsible to County for the acts and omissions of its subcontractor(s) and of persons either directly or indirectly employed by any of them as it is for the acts and omissions of persons directly employed by Contractor. Contractor's obligation to pay its subcontractor(s) is an independent obligation from County's obligation to make payments to the Contractor.
- B. Contractor shall perform the work contemplated with resources available within its own organization and no portion of the work pertinent to this contract shall be subcontracted without written authorization by County's designated representative, except that, which is expressly identified in the approved Cost Proposal.

- C. Contractor shall pay its subcontractors within ten (10) calendar days from receipt of each payment made to Contractor by County.
- D. Any subcontract entered into as a result of this contract shall contain all the provisions stipulated in this contract to be applicable to subcontractors.
- E. Any substitution of subcontractor(s) must be approved in writing by County's designated representative prior to the start of work by the subcontractor(s).

11. SUBCONTRACTORS

Contractor is authorized to subcontract with a firm approved by the County Project Manager. Contractor shall be fully responsible for all services performed by its subcontractor. Contractor shall secure from its subcontractor all rights for County in this Agreement, including audit rights. Contractor shall ensure subcontractor's compliance with California Labor Code, including but not limited to the payment of prevailing wage when required.

12. EQUIPMENT PURCHASES

- A. Prior authorization in writing, by County's designated representative shall be required before Contractor enters into any unbudgeted purchase order, or subcontract exceeding \$5,000 for supplies, equipment, or Contractor services. Contractor shall provide an evaluation of the necessity or desirability of incurring such costs.
- B. For purchase of any item, service or consulting work not covered in Contractor's Cost Proposal and exceeding \$5,000 prior authorization by County's designated representative; three competitive quotations must be submitted with the request, or the absence of bidding must be adequately justified.

Any equipment purchased as a result of this contract is subject to the following: "Contractor shall maintain an inventory of all nonexpendable property. Nonexpendable property is defined as having a useful life of at least two years and an acquisition cost of \$5,000 or more. If the purchased equipment needs replacement and is sold or traded in, County shall receive a proper refund or credit at the conclusion of the contract, or if the contract is terminated, Contractor may either keep the equipment and credit County in an amount equal to its fair market value, or sell such equipment at the best price obtainable at a public or private sale, in accordance with established County procedures; and credit County in an amount equal to the sales price. If Contractor elects to keep the equipment, fair market value shall be determined at Contractor's expense, on the basis of a competent independent appraisal of such equipment. Appraisals shall be obtained from an appraiser mutually agreeable to by County and Contractor, if it is determined to sell the equipment, the terms and conditions of such sale must be approved in advance by County."

- C. All subcontracts shall contain the above provisions.

13. DEBARMENT AND SUSPENSION

- A. Contractor's signature affixed herein shall constitute a certification under penalty of perjury under the laws of the State of California, that Contractor has complied with Title 2 CFR, Part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (non-procurement)", which certifies that he/she or any person associated therewith in the capacity of owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has not been suspended, debarred, voluntarily excluded, or determined ineligible by any federal agency within the past three (3) years; does not have a proposed debarment pending; and has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three (3) years. Any exceptions to this certification must be disclosed to County.
- B. Exceptions will not necessarily result in denial of recommendation for award, but will be considered in determining Contractor responsibility. Disclosures must indicate to whom exceptions apply, initiating agency, and dates of action.
- C. Exceptions to the Federal Government Excluded Parties List System maintained by the General Services Administration are to be determined by the Federal Highway Administration.
- D. Contractor's signature affixed herein shall constitute a certification under penalty of perjury under the laws of the State of California, which certifies that Contractor or any person associated therewith in the capacity of

owner, partner, director, officer, or manager, is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility for participation in any state or local government agency contracts. Contractor certifies that it shall not contract with a subcontractor that is so debarred or suspended.

14. TAXES

Contractor shall pay all taxes, levies, duties, and assessments of every nature due in connection with any work under this Agreement and shall make any and all payroll deductions required by law. County shall not be responsible for paying any taxes on Contractor's behalf, and should County be required to do so by state, federal, or local taxing agencies, Contractor agrees to promptly reimburse County for the full value of such paid taxes plus interest and penalty, if any. These taxes shall include, but not be limited to, the following: FICA (Social Security), unemployment insurance contributions, income tax, disability insurance, and workers' compensation insurance.

15. CONFLICT OF INTEREST

- A. Contractor shall disclose in writing any financial, business, or other relationship with County that may have an impact upon the outcome of this contract, or any ensuing County construction project. Contractor shall also list current clients who may have a financial interest in the outcome of this contract, or any ensuing County construction project, which will follow.
- B. Contractor hereby certifies that it does not now have, nor shall it acquire any financial or business interest that would conflict with the performance of services under this contract.
- C. Any subcontract entered into as a result of this contract, shall contain all of the provisions of this Section.
- D. CONTRACTOR hereby certifies that neither CONTRACTOR, nor any firm affiliated with CONTRACTOR will bid on any construction contract, or on any contract to provide construction inspection for any construction project resulting from this contract. An affiliated firm is one, which is subject to the control of the same persons through joint-ownership, or otherwise.
- E. Except for subcontractor whose services are limited to providing surveying or materials testing information, no subcontractor who has provided design services in connection with this contract shall be eligible to bid on any construction contract, or on any contract to provide construction inspection for any construction project resulting from this contract.
- A. Contractor shall disclose in writing any financial, business, or other relationship with County that may have an impact upon the outcome of this contract, or any ensuing County construction project. Contractor shall also list current clients who may have a financial interest in the outcome of this contract, or any ensuing County construction project, which will follow.
- B. Contractor hereby certifies that it does not now have, nor shall it acquire any financial or business interest that would conflict with the performance of services under this contract.
- C. Any subcontract entered into as a result of this contract, shall contain all of the provisions of this Section.
- D. Contractor hereby certifies that neither Contractor, its employees, nor any firm affiliated with Contractor providing services on this project prepared the Plans, Specifications, and Estimate for any construction project included within this contract. An affiliated firm is one, which is subject to the control of the same persons through joint-ownership, or otherwise.
- E. Contractor further certifies that neither Contractor, nor any firm affiliated with Contractor, will bid on any construction subcontracts included within the construction contract. Additionally, Contractor certifies that no person working under this contract is also employed by the construction contractor for any project included within this contract.
- F. Except for subcontractor whose services are limited to materials testing, no subcontractor who is providing service on this contract shall have provided services on the design of any project included within this contract.

16. OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY

County shall be the owner of the following items incidental to this Agreement upon production, whether or not

completed: all data collected, all documents of any type whatsoever, all photos, designs, sound or audiovisual recordings, software code, inventions, technologies, and other materials, and any material necessary for the practical use of such items, from the time of collection and/or production whether or not performance under this Agreement is completed or terminated prior to completion. Contractor shall not release any of such items to other parties except after prior written approval of County.

Unless otherwise specified in Exhibit A, Contractor hereby assigns to County all copyright, patent, and other intellectual property and proprietary rights to all data, documents, reports, photos, designs, sound or audiovisual recordings, software code, inventions, technologies, and other materials prepared or provided by Contractor pursuant to this Agreement (collectively referred to as "Copyrightable Works and Inventions"). County shall have the unrestricted authority to copy, adapt, perform, display, publish, disclose, distribute, create derivative works from, and otherwise use in whole or in part, any Copyrightable Works and Inventions. Contractor agrees to take such actions and execute and deliver such documents as may be needed to validate, protect and confirm the rights and assignments provided hereunder. Contractor warrants that any Copyrightable Works and Inventions and other items provided under this Agreement will not infringe upon any intellectual property or proprietary rights of any third party. Contractor at its own expense shall defend, indemnify, and hold harmless County against any claim that any Copyrightable Works or Inventions or other items provided by Contractor hereunder infringe upon intellectual or other proprietary rights of a third party, and Contractor shall pay any damages, costs, settlement amounts, and fees (including attorneys' fees) that may be incurred by County in connection with any such claims. This Ownership of Documents and Intellectual Property provision shall survive expiration or termination of this Agreement.

17. NO PUBLICITY OR ENDORSEMENT

Contractor shall not use County's name or logo or any variation of such name or logo in any publicity, advertising or promotional materials. Contractor shall not use County's name or logo in any manner that would give the appearance that the County is endorsing Contractor. Contractor shall not in any way contract on behalf of or in the name of County. Contractor shall not release any informational pamphlets, notices, press releases, research reports, or similar public notices concerning the County or its projects, without obtaining the prior written approval of County.

18. COUNTY PROPERTY AND INFORMATION

All of County's property, documents, and information provided for Contractor's use in connection with the services shall remain County's property, and Contractor shall return any such items whenever requested by County and whenever required according to the Termination section of this Agreement. Contractor may use such items only in connection with providing the services. Contractor shall not disseminate any County property, documents, or information without County's prior written consent.

19. RETENTION OF RECORDS/AUDIT

For the purpose of determining compliance with Public Contract Code 10115, et seq. and Title 21, California Code of Regulations, Chapter 21, Section 2500 et seq., when applicable and other matters connected with the performance of the contract pursuant to Government Code 8546.7; Contractor, subcontractors, and County shall maintain and make available for inspection all books, documents, papers, accounting records, and other evidence pertaining to the performance of the contract, including but not limited to, the costs of administering the contract. All parties shall make such materials available at their respective offices at all reasonable times during the contract period and for three years from the date of final payment under the contract. The state, State Auditor, County, FHWA, or any duly authorized representative of the Federal Government shall have access to any books, records, and documents of Contractor and its certified public accountants (CPA) work papers that are pertinent to the contract and indirect cost rates (ICR) for audit, examinations, excerpts, and transactions, and copies thereof shall be furnished if requested. Subcontracts shall contain this provision.

If federal, state or County audit exceptions are made relating to this Agreement, Contractor shall reimburse all costs incurred by federal, state, and/or County governments associated with defending against the audit exceptions or performing any audits or follow-up audits, including but not limited to: audit fees, court costs, attorneys' fees based upon a reasonable hourly amount for attorneys in the community, travel costs, penalty assessments and all other costs of whatever nature. Immediately upon notification from County, Contractor shall reimburse the amount of the audit exceptions and any other related costs directly to County as specified by County in the notification.

20. AUDIT REVIEW PROCEDURES

- A. Any dispute concerning a question of fact arising under an interim or post audit of this contract that is not disposed of by agreement, shall be reviewed by County's Deputy Director - Finance and Administration for Public Works.

- B. Not later than 30 days after issuance of the final audit report, Contractor may request a review by County's Chief Financial Officer of unresolved audit issues. The request for review will be submitted in writing.
- C. Neither the pendency of a dispute nor its consideration by County will excuse Contractor from full and timely performance, in accordance with the terms of this contract.
- D. Contractor and subcontractor contracts, including cost proposals and ICR, are subject to audits or reviews such as, but not limited to, a contract audit, an incurred cost audit, an ICR Audit, or a CPA ICR audit work paper review. If selected for audit or review, the contract, cost proposal and ICR and related work papers, if applicable, will be reviewed to verify compliance with 48 CFR, Part 31 and other related laws and regulations. In the instances of a CPA ICR audit work paper review it is Contractor's responsibility to ensure federal, state, or local government officials are allowed full access to the CPA's work papers including making copies as necessary. The contract, cost proposal, and ICR shall be adjusted by Contractor and approved by County contract manager to conform to the audit or review recommendations. Contractor agrees that individual terms of costs identified in the audit report shall be incorporated into the contract by this reference if directed by County at its sole discretion. Refusal by Contractor to incorporate audit or review recommendations, or to ensure that the federal, state or local governments have access to CPA work papers, will be considered a breach of contract terms and cause for termination of the contract and disallowance of prior reimbursed costs.

21. INDEMNIFICATION AND INSURANCE

Contractor agrees to the indemnification and insurance provisions as set forth in EXHIBIT C attached hereto and incorporated herein by reference.

22. NONDISCRIMINATION

- A. County hereby notifies Contractor that County's Unlawful Discrimination Ordinance (Article XIII of Chapter 2 of the Santa Barbara County Code) applies to this Agreement and is incorporated herein by this reference with the same force and effect as if the ordinance were specifically set out herein and Contractor agrees to comply with said ordinance.
- B. Statement of Compliance:
 - 1) Contractor's signature affixed herein, and dated, shall constitute a certification under penalty of perjury under the laws of the State of California that Contractor has, unless exempt, complied with, the nondiscrimination program requirements of Government Code Section 12990 and Title 2, California Administrative Code, Section 8103.
 - 2) During the performance of this Contract, Contractor and its subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (e.g., cancer), age (over 40), marital status, and denial of family care leave. Contractor and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. Contractor and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Gov. Code §12990 (a-f) et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, Section 7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code Section 12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of the California Code of Regulations, are incorporated into this Contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other Agreement.
 - 3) The Contractor shall comply with regulations relative to Title VI (nondiscrimination in federally-assisted programs of the Department of Transportation – Title 49 Code of Federal Regulations, Part 21 - Effectuation of Title VI of the 1964 Civil Rights Act). Title VI provides that the recipients of federal assistance will implement and maintain a policy of nondiscrimination in which no person in the state of California shall, on the basis of race, color, national origin, religion, sex, age, disability, be excluded from participation in, denied the benefits of or subject to discrimination under any program or activity by the recipients of federal assistance or their assignees and successors in interest.

- 4) The Contractor, with regard to the work performed by it during the Agreement shall act in accordance with Title VI. Specifically, the Contractor shall not discriminate on the basis of race, color, national origin, religion, sex, age, or disability in the selection and retention of Subcontractors, including procurement of materials and leases of equipment. The Contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the U.S. DOT's Regulations, including employment practices when the Agreement covers a program whose goal is employment.

23. REBATES, KICKBACKS OR OTHER UNLAWFUL CONSIDERATION

Contractor warrants that this contract was not obtained or secured through rebates, kickbacks or other unlawful consideration, either promised or paid to any County employee. For breach or violation of this warranty, County shall have the right in its discretion; to terminate the contract without liability; to pay only for the value of the work actually performed; or to deduct from the contract price; or otherwise recover the full amount of such rebate, kickback or other unlawful consideration.

24. PROHIBITION OF EXPENDING COUNTY, STATE OR FEDERAL FUNDS FOR LOBBYING

A. Contractor certifies to the best of his or her knowledge and belief that:

1. No state, federal or County appropriated funds have been paid, or will be paid by-or-on behalf of Contractor to any person for influencing or attempting to influence an officer or employee of any state or federal agency; a Member of the State Legislature or United States Congress; an officer or employee of the Legislature or Congress; or any employee of a Member of the Legislature or Congress, in connection with the awarding of any state or federal contract; the making of any state or federal grant; the making of any state or federal loan; the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any state or federal contract, grant, loan, or cooperative agreement.
2. If any funds other than federal appropriated funds have been paid, or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency; a Member of Congress; an officer or employee of Congress, or an employee of a Member of Congress; in connection with this federal contract, grant, loan, or cooperative agreement; Contractor shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.

B. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

C. Contractor also agrees by signing this document that he or she shall require that the language of this certification be included in all lower-tier subcontracts which exceed \$100,000, and that all such sub recipients shall certify and disclose accordingly.

25. CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT.

Contractor shall comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q.) and pursuant to the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251-1387). The Contractor shall promptly disclose, in writing, to the County office, to the Federal Awarding Agency, and to the Regional Office of the Environmental Protection Agency (EPA), whenever, in connection with the award, performance, or closeout of this contract or any subcontract thereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed a violation of the Clean Air Act (42 U.S.C. 7401-7671q.) or the Federal Water Pollution Control Act (33 U.S.C. 1251-1387).

26. PROCUREMENT OF RECOVERED MATERIALS

Contractor must comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery; and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

27. NONEXCLUSIVE AGREEMENT

Contractor understands that this is not an exclusive Agreement and that County shall have the right to negotiate with and enter into contracts with others providing the same or similar services as those provided by Contractor as the County desires.

28. NON-ASSIGNMENT

Contractor shall not assign, transfer or subcontract this Agreement or any of its rights or obligations under this Agreement without the prior written consent of County and any attempt to so assign, subcontract or transfer without such consent shall be void and without legal effect and shall constitute grounds for termination.

29. TERMINATION

- A. County reserves the right to terminate this contract for convenience upon thirty (30) calendar days written notice to Contractor with the reasons for termination stated in the notice. During the thirty (30) day period, Contractor shall, as directed by County, wind down and cease its services as quickly and efficiently as reasonably possible, without performing unnecessary services or activities and by minimizing negative effects on County from such winding down and cessation of services.
- B. County may terminate this contract with Contractor should Contractor fail to perform the covenants herein contained at the time and in the manner herein provided. In the event of such termination, County may proceed with the work in any manner deemed proper by County. If County terminates this contract with Contractor, County shall pay Contractor the sum due to Contractor under this contract prior to termination, unless the cost of completion to County exceeds the funds remaining in the contract. In which case the overage shall be deducted from any sum due Contractor under this contract and the balance, if any, shall be paid to Contractor upon demand.
- C. Should County fail to pay Contractor all or any part of the payment set forth in EXHIBIT B, Contractor may, at Contractor's option, terminate this Agreement if such failure is not remedied by County within thirty (30) days of written notice to County of such late payment.
- D. The maximum amount for which the County shall be liable if this contract is terminated is _____ dollars.
- E. Upon termination, Contractor shall deliver to County all data, estimates, graphs, summaries, reports, and all other property, records, documents or papers as may have been accumulated or produced by Contractor in performing this Agreement, whether completed or in process, except such items as County may, by written permission, permit Contractor to retain. Contractor shall furnish to County such financial information as in the judgment of County is necessary to determine the reasonable value of the services rendered by Contractor. In the event of a dispute as to the reasonable value of the services rendered by Contractor, the decision of County shall be final. The foregoing is cumulative and shall not affect any right or remedy which County may have in law or equity.

30. SECTION HEADINGS

The headings of the several sections, and any Table of Contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

31. SEVERABILITY

If any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, then such provision or provisions shall be deemed severable from the remaining provisions hereof, and such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

32. REMEDIES NOT EXCLUSIVE

No remedy herein conferred upon or reserved to County is intended to be exclusive of any other remedy or remedies, and each and every such remedy, to the extent permitted by law, shall be cumulative and in addition to any other remedy given hereunder or now or hereafter existing at law or in equity or otherwise.

33. TIME IS OF THE ESSENCE

Time is of the essence in this Agreement and each covenant and term is a condition herein.

34. NO WAIVER OF DEFAULT

No delay or omission of County to exercise any right or power arising upon the occurrence of any event of default shall impair any such right or power or shall be construed to be a waiver of any such default or an acquiescence

therein; and every power and remedy given by this Agreement to County shall be exercised from time to time and as often as may be deemed expedient in the sole discretion of County.

35. ENTIRE AGREEMENT AND AMENDMENT

In conjunction with the matters considered herein, this Agreement contains the entire understanding and agreement of the parties and there have been no promises, representations, agreements, warranties or undertakings by any of the parties, either oral or written, of any character or nature hereafter binding except as set forth herein. This Agreement may be altered, amended or modified only by an instrument in writing, executed by the parties to this Agreement and by no other means. Each party waives their future right to claim, contest or assert that this Agreement was modified, canceled, superseded, or changed by any oral agreements, course of conduct, waiver or estoppel.

36. IMMATERIAL CHANGES

Contractor and County agree that immaterial changes to this Agreement such as time frame and mutually agreeable work program changes which will not result in a change to the total contract amount or to the scope of the Statement of Work may be authorized by the Public Works Director, or designee in writing, and will not constitute an amendment to the Agreement.

37. SUCCESSORS AND ASSIGNS

All representations, covenants and warranties set forth in this Agreement, by or on behalf of, or for the benefit of any or all of the parties hereto, shall be binding upon and inure to the benefit of such party, its successors and assigns.

38. COMPLIANCE WITH LAW

Contractor shall, at its sole cost and expense, comply with all County, State and Federal ordinances and statutes now in force or which may hereafter be in force with regard to this Agreement. The judgment of any court of competent jurisdiction, or the admission of Contractor in any action or proceeding against Contractor, whether County is a party thereto or not, that Contractor has violated any such ordinance or statute, shall be conclusive of that fact as between Contractor and County.

39. CALIFORNIA LAW AND JURISDICTION

This Agreement shall be governed by the laws of the State of California. Any litigation regarding this Agreement or its contents shall be filed in the County of Santa Barbara, if in state court, or in the federal district court nearest to Santa Barbara County, if in federal court.

40. EXECUTION OF COUNTERPARTS

This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original, and all such counterparts, or as many of them as the parties shall preserve undestroyed, shall together constitute one and the same instrument.

41. AUTHORITY

All signatories and parties to this Agreement warrant and represent that they have the power and authority to enter into this Agreement in the names, titles and capacities herein stated and on behalf of any entities, persons, or firms represented or purported to be represented by such entity(ies), person(s), or firm(s) and that all formal requirements necessary or required by any state and/or federal law in order to enter into this Agreement have been fully complied with. Furthermore, by entering into this Agreement, Contractor hereby warrants that it shall not have breached the terms or conditions of any other contract or agreement to which Contractor is obligated, which breach would have a material effect hereon.

42. SURVIVAL

All provisions of this Agreement which by their nature are intended to survive the termination or expiration of this Agreement shall survive such termination or expiration.

43. PRECEDENCE

In the event of conflict between the provisions contained in the numbered sections of this Agreement and the provisions contained in the Exhibits, the provisions of the Exhibits shall prevail over those in the numbered sections.

CONTRACTOR SIGNATURE PAGE

Agreement for services and work to be performed by Contractor between the County and Contractor.

IN WITNESS WHEREOF, the parties have executed this Agreement to be effective on the date executed by County.

CONTRACTOR:

Scott Moors

NV5 West, Inc.

1868 Palma Dr, Suite A

Ventura, CA, 93003

License No. _____
Business Type: Corp _____
Contact Email: scott.moors@NV5.com _____
Contact Phone: 805-656-6074 _____

By: 

Authorized Representative

Date: 4-9-2019

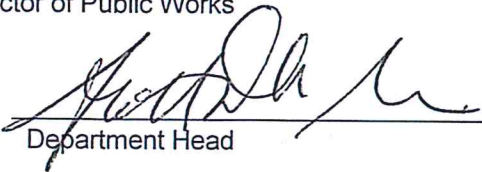
COUNTY SIGNATURE PAGE

Agreement for services and work to be performed by Contractor between the County and Contractor.

IN WITNESS WHEREOF, the parties have executed this Agreement to be effective on the date executed by County.

RECOMMENDED FOR APPROVAL:

Scott D. McGolpin
Director of Public Works

By: 
Department Head

ATTEST:

Mona Miyasato
County Executive Officer
Clerk of the Board

By: _____
Deputy Clerk

COUNTY OF SANTA BARBARA:

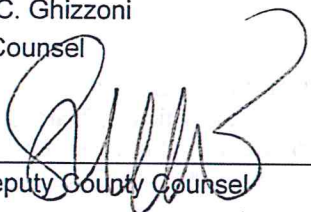
Steve Lavignino

By: _____
Chair, Board of Supervisors

Date: _____

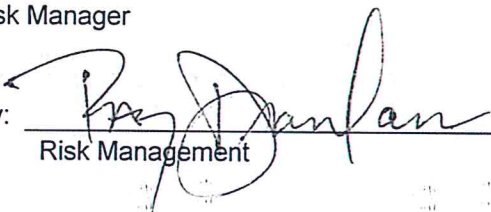
APPROVED AS TO FORM:

Michael C. Ghizzoni
County Counsel

By: 
Deputy County Counsel

APPROVED AS TO FORM:

Ray Aromatorio
Risk Manager

By: 
Risk Management

APPROVED AS TO ACCOUNTING FORM:

Betsy M. Schaffer
Auditor-Controller

By: 
Deputy

Exhibit A – Statement of Work

Contractor agrees to provide County, including but not limited to, conducting materials testing and field inspection, as needed. Work is to begin upon County and Contractor developing a testing schedule followed by County issuing a Notice to Proceed. Scope of work typically includes:

- a. Review previous tests conducted in area for existing native materials. Use these tests in the upcoming project.
- b. Collect samples from Contractor, or County, or from site, as directed by County.
- c. Perform field tests of materials, as agreed by County. Perform laboratory analyses on an agreed turnaround time, as directed and agreed with County. Contact the County inspector once the results are available. Conduct onsite inspection of materials, or offsite, if fabrication occurs elsewhere, as directed.
- d. Prepare a draft and final report and attach all laboratory reports.
- e. Prepare a report cover sheet summarizing the laboratory findings; use a California Department of Transportation (Caltrans) table format with a comparison of failed tests to the project's special provisions and/or Caltrans Standard Specifications, as appropriate.
- f. If compaction testing is performed, and any tests fail, then a follow-up passing re-test is required at the same location to verify compliance with the project specifications.
- g. Sign and stamp the report by a California licensed civil engineer.

Tests are usually conducted in-house, but sometimes tests are subcontracted out to a third-party laboratory, if approved by County. Mark-up costs to be billed to County in the event of the use of a third party lab will not exceed 15 (fifteen) percent.

Contractor shall maintain certification of its personnel and equipment by the California Department of Transportation (Caltrans) or American Association of State Highway and Transportation Officials, Materials Reference Laboratory certification, as appropriate, during the life of this project and shall include certifications to County as requested by County. . This contract requires a DIR number issued by the California Department of Labor Relations.

Exhibit B – Payment Arrangements

- A. For CONTRACTOR services to be rendered under this Agreement, CONTRACTOR shall be paid up to a total contract amount, including cost reimbursements, not to exceed \$100,000.
- B. Payment for services and /or reimbursement of costs shall be made upon CONTRACTOR's satisfactory performance, based upon the scope and methodology contained in **EXHIBIT A** as determined by COUNTY. Payment for services and/or reimbursement of costs shall be based upon the costs, expenses, overhead charges and hourly rates for personnel, as defined in **Attachment B1** (Schedule of Fees). Invoices submitted for payment that are based upon **Attachment B1** must contain sufficient detail to enable an audit of the charges and provide supporting documentation if so specified in **EXHIBIT A**.
- C. Monthly, CONTRACTOR shall submit to the COUNTY DESIGNATED REPRESENTATIVE an invoice or certified claim on the County Treasury for the service performed over the period specified. These invoices or certified claims must cite the assigned Board Contract Number. COUNTY DESIGNATED REPRESENTATIVE shall evaluate the quality of the service performed and if found to be satisfactory and within the cost basis of **Attachment B1** shall initiate payment processing. COUNTY shall pay invoices or claims for satisfactory work within 30 days of receipt of correct and complete invoices or claims from CONTRACTOR.
- D. COUNTY's failure to discover or object to any unsatisfactory work or billings prior to payment will not constitute a waiver of COUNTY's right to require CONTRACTOR to correct such work or billings or seek any other legal remedy.

EXHIBIT B1 – FEE SCHEDULE

1 2 3 4 5 6 7 8 9 10

April 2, 2019

County of Santa Barbara
Public Works Department
4415 Cathedral Oaks Rd.
Santa Barbara, California 93110

Proposal No. 2019.06.076

Attention: William Tracy

**SUBJECT: Letter of Interest for Construction Materials Engineering and Testing,
Geotechnical, Survey, and Inspection Services**

NV5 West, Inc. is pleased to submit this letter of interest in renewing our On-Call Professional Services Contract with the County of Santa Barbara. NV5 is fully staffed and certified to provide a broad scope of services for the County, including:

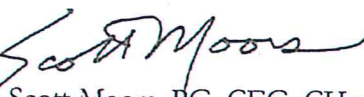
- **Construction Materials Engineering and Testing Services;**
- **Geotechnical Services**
- **Survey Services**
- **Public Working Inspection Services**

Our current Fee Schedule is attached for your review. Our corporate information remains unchanged and is presented below.

NAME OF CONTRACTOR: NV5 West, Inc.
ADDRESS: 1868 Palma Drive, Suite A
CITY, STATE, ZIP: Ventura, CA, 93003
TELEPHONE NO: (805) 656-6074; FAX: (805) 650-6264
CONTRACTOR LICENSE NO. NA LICENSE CLASSIFICATION: NA
PUBLIC WORKS CONTRACTOR REGISTRATION NO.: 1000008663
BUSINESS TYPE: Corporation XXX Partnership Sole Proprietorship
CONTACT PERSON NAME Scott Moors CONTACT PHONE No. 805-656-6074
CONTACT EMAIL: scott.moors@NV5.com
EMPLOYER'S TAX IDENTIFICATION NUMBER: 27-1979620

NV5 appreciates this opportunity to extend our existing contract with the County of Santa Barbara and we look forward to working with you.

Respectfully Submitted,
NV5 West, Inc.


Scott Moors, PG, CEG, CHg
Vice President

Attachment: 2019 Fee Schedule

2019 GEOTECHNICAL / MATERIAL TESTING FEE SCHEDULE

GENERAL CONDITIONS

Testing Samples - An hourly preparation charge will be added to all samples submitted that are not ready for testing.

Turn-Around-Time - Standard TAT indicated in superscript.

RUSH: 50% surcharge. Sample prioritized over other samples in que.

PRIORITY: 100% surcharge: Completed as fast as possible per method. See notes regarding TAT at bottom of page 3.

Project Setup - A \$165 fee applies for setup and administration of On-Call agreements and contracts less than \$3,000.

Scheduling - A minimum of 24-hour notice is required to schedule personnel (48-hour for DSA projects). For same-day scheduling, a 50% premium applies. Same-day cancellations will incur a 2-hour charge for technicians or a 4-hour charge for inspectors.

Minimum Charges - Special Inspections: A minimum charge of 4 hours applies to inspection call-out between 0 and 4 hours. Eight (8) hours will be charged for work performed over 4 hours up to 8 hours.

Technicians: Minimum charge of 2 hours applies to technician call-out between 0 and 2 hours. Additional time charged in 2-hour increments.

Travel - Hourly travel is charged portal-to-portal for technicians. Travel charges are normally waived for special inspectors within 25 miles of our laboratory. Mileage/Trip Charges charged at rates listed below.

Per Diem - Per diem will be charged at 1.15 times the Federal (GSA) rate for all out-of-town assignments unless otherwise arranged.

Equipment - NV5 maintains a comprehensive inventory of calibrated field testing equipment. Daily equipment charges apply.

Overtime Rates - Rates are based on an 8-hour workday between the hours of 7:00 a.m. and 4:00 p.m., Monday through Friday. Work outside

of these hours or in excess of 8 hours in one day or over 40 hours in one week will be charged at 1.5 times the listed rates. Work over 12 hours in one day or work on holidays will be charged at 2.0 times quoted rates.

Holidays - New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and the following Friday, and Christmas Day. For holidays falling on Saturday or Sunday, the closest previous or following regular workday will be observed.

Project Management & Report Distribution - All assignments are under the supervision of a Registered Professional Engineer. Engineering time of 0.1 hour per inspection day or 1/2-hour/week (min) will be included for scheduling, report review, and data evaluation. Up to 2 hard copies of reports are provided at no additional charge. Additional hard copies will be billed at \$2 per report.

Outside Services / Drillers-CPT / Subcontractors - Cost plus 15%.

Prevailing Wage - Client shall notify NV5, in writing, of any requirement for payment of California Prevailing Wage or other predetermined wage condition. Client agrees to indemnify NV5 against all costs related Client's failure to notify NV5 of predetermined wage requirements.

Sample Disposition - Unless previously arranged, all samples will be disposed of upon completion of testing. Any samples suspected of contamination will be returned to Client. If requested, retained samples may be archived for a specified period for an agreed monthly fee.

Certified Payroll - A \$45 per week, per project processing fee for Certified Payroll will be assessed on Prevailing Wage Projects.

Escalation - Listed rates are subject to annual escalation consistent with the Consumer Price Index (www.bls.gov). Prevailing Wage labor rates will be adjusted in accordance with DIR mandated increases plus 50%. (<http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>)

I. PROFESSIONAL, TECHNICAL, & SUPPORT STAFF

(Hourly rates unless otherwise indicated. Charges are portal-to portal from/to NV5's lab)

A. Professional Staff			Standard
Principal Engineer/Geologist/Consultant			\$ 195
Senior Engineer/Geologist/Consultant (PE, CEG)			\$ 170
Project Engineer/Geologist/Consultant			\$ 150
Sr. Staff Engineer/Geologist/Consultant			\$ 130
Staff Engineer/Geologist/Consultant			\$ 120
Project Manager			\$ 130
B. Technical Staff			Standard
Special (Deputy) Inspector	<u>Prevailing Wage</u>		\$ 88
(Concrete, P/T Concrete, Masonry, Structural Steel, Fireproofing, Pile Driving)	\$ 108		
Public Works Inspector	\$ 114		\$ 98
Roofing/Waterproofing Inspector	\$ 108		\$ 94
Concrete/Asphalt Batch Plant Inspection	\$ 108		\$ 90
Sr. Technician* (Soil/Asphalt/Special Testing)	\$ 110		\$ 90
Nondestructive Exam/Testing (UT/Mag Part./Dye Pen.)	\$ 110		\$ 92
C. Public Works/DSA/OSPHD Inspection			Standard
Project Inspector / IOR, DSA Class I			\$ 115
Project Inspector / IOR, DSA Class II/III			\$.100
DSA Masonry / Shotcrete Inspection	\$ 108		\$ 92
DSA 5 SI (Inspector Qualifications)			\$ 75 ea.
Special Inspection Verified Report (SIVR/VR)			\$ 245 (min.) ea.
Laboratory / Geotech. Verified Rpt (DSA 291/293 - Test Only)			\$ 425 (min.) ea.
Combined Lab Verified Report (DSA 291 - Tests & Inspections)			\$ 585 (min.) ea.
D. Sample Pickup, Delivery, Storage & Mileage			Standard
Sample Pickup/Delivery (>25mi. radius of Lab) - plus applicable unit price			\$ 62/hr
Saturday Pickup (hourly, 4 hr minimum, plus mileage)			\$ 93/hr
Mileage - Field Vehicle (\$30/day minimum charge)			\$ 0.65/mi
Mileage - Coring Truck			\$ 0.75/mi
Vehicle - Field Truck			\$ 55/day
Trip Charge (within 25 radius of Lab; if >25 mi. hourly + mileage)			\$ 35/trip
Sample Storage (per box)			\$ 25/Mo

E. Support Staff & Special Services

Laboratory Technician	Standard
File Search, Reissue of Report	\$45/hr (min.)
Certified Payroll Admin. (0.5 hr min./wk)	\$70/hr
Court Appearance and Depositions (4 hr min)	\$295/hr
Drafting/CADD	\$70/hr
Clerical	\$60/hr

II. MATERIALS AND EQUIPMENT

A. Equipment	Rate
1. Air Meter (Concrete)	\$ 45/dy
2. Calibrated Ram (Pull test)	\$ 95/dy
3. Ceiling Wire Dead-Weight Equip.	\$ 160/dy
4. Coating Thickness Gauge	\$ 65/dy
5. Concrete Relative Humidity Meter	\$ 265/dy
6. Concrete Slab Moisture Emission Kit / RH Probe	\$ 55/ea
7. Floor Flatness (plus labor - 4hr min)	\$ 575/dy
8. Durometer Gauge (Shore A/D)	\$ 45/dy
9. Hardness Gauge (Brinell, Rockwell)	\$ 95/dy
10. Generator	\$ 85/dy
11. Ground Penetrating Radar (GPR) - (plus labor - 4 hr min)	\$ 400/dy
12. Magnetic Particle Equipment & Consumables	\$ 65/dy
13. Nuclear Gauge	\$ 35/dy
14. Pachometer (Rebar) Survey Equipment	\$ 95/dy
15. Scaffold - Portable	\$ 105/dy
16. Schmidt Hammer	\$ 65/dy
17. Skidmore Wilhelm, per day	\$ 195/dy
18. Torque Wrench (Large, >100 ft-lb), per day	\$ 85/dy
19. Torque Wrench (Small), per day	\$ 20/dy
20. Ultrasonic Equipment & Consumables	\$ 75/dy

B. Diamond Coring (min. charge = field time w/travel + 1 hr. mob./demob.)

1. Machine, truck & 1 operator (accessible flatwork only)	\$210/hr	\$190/hr.
2. Machine, truck, operator and helper	\$325/hr	265/hr.
3. Coring Bit Charge		\$3.50/inch
4. Coring truck mileage (portal to portal)		\$0.75/mi



III. LAB TESTS: AGGREGATE & SOIL

A Soils - Geotechnical

1. Atterberg Limits (LL and PL) – ASTM D4318, CTM 204 ^B	S 150
2. Consolidation (up to 9 Load/Rebound Pts) – ASTM D2435 ^E	S 340
3. Collapse – ASTM D4546 ^B	S 165
4. additional Load Increment (Consol./Collapse) – per pt.	S 40
5. Direct Shear, remolded sample – ASTM D3080 ^D	S 285
6. Direct Shear, undisturbed (ring) sample – ASTM D3080 ^D	S 265
7. Expansion Index – ASTM D4829 ^B	S 160
8. Permeability, Constant Head – remolded - ASTM D2434, CT 220 ^D	S 445
9. pH (soil) – ASTM D4972 ^C	S 35
10. Resistivity – ASTM G57 ^C	S 60
11. Resistivity (Minimum), includes pH – CTM 643 ^C	S 155
12. Soil Cement – Moist.-Dens. or Sample Prep set of 3 - ASTM D558	S 240
13. Soil Cement – Wet-Dry Durability – ASTM D559	S 1100
14. Soil Cement – Compressive Strength – ASTM D1633	S 60
15. Soil Classification – ASTM D2488 – Visual-Manual ^A	S 45
16. Soluble Chloride (soils) ^C	S 80
17. Soluble Sulfate (soils) ^C	S 80
18. Unconfined compression on prepared specimens	S 120

B Particle Size Analysis

1. Sand equivalent (ASTM 2419, CTM 217) ^A	S 115
2. Sieve #200 wash only (ASTM D1140, CTM 202) ^A	S 85
3. Sieve (coarse or fine only, no wash – ASTM C136, CTM 202) ^A	S 95
4. Sieve (coarse & fine w/ wash – ASTM C136, CTM 202) ^A	S 135
5. Hydrometer w/ Fine Sieve (ASTM D422, CTM 203) ^B	S 185
6. Hydrometer w/ Fine & Coarse Sieve (ASTM D422, CTM 203) ^B	S 210

C Moisture Density Relationship

1. Max. Density-Opt. Moisture (4 in. mold) – ASTM D1557, D698 ^A	S 185
2. Max. Density-Opt. Moisture (6 in. mold) – ASTM D1557, D698 ^A	S 210
3. Max. Density-Opt. Moist. w/ Rock Corr. – ASTM D1557, D4718 ^A	S 295
4. Maximum Density Checkpoint (4 in. mold) ^A	S 75
5. Moisture & Dry Density (ring samples) ^A	S 22
6. Moisture determination (aggregate samples) ^A	S 35
7. Caltrans Relative Compaction (Wet Density) – CTM 216 ^A	S 225

D Aggregate, Soil & Rock

1. Abrasion Resistance by LA Rattler – ASTM C131, CTM 211 ^B	S 185
2. Absorption, sand or gravel – ASTM C127, C128 ^B	S 60
3. California bearing ratio (CBR) with expansion – ASTM D1883 ^C	S 410
4. Cement Treated Base (CTB), compact, cure & test ^E	S 260
5. Cement Treated Base – compression (make, cure, test – 3 spec)	S 565
6. Cement Treated Base – stability	S 525
7. Clay lumps and friable particles, per primary size – ASTM C142 ^C	S 115
8. Cleanness Test – CTM 227 ^A	S 130
9. Crushed particles, per primary size ^C	S 165
10. Durability Index (S120 per size fraction) – CTM 229 ^A	S 215
11. Flat & Elongated Particles (per bin size) – ASTM D4791 ^C	S 190
12. Lightweight pieces, per size fraction – ASTM C123 ^C	S 400
13. Lime content of treated materials (by titration)	
a. Lime content curve determination, for each material	S 495
b. Lime content, including untreated control sample	S 245
14. Mortar making properties of Sand ASTM C87 ^D	S 380
15. Relative Mortar Strength - CTM 515 ^D	S 410
16. Organic Impurities – ASTM C40, CTM 213 ^B	S 80
17. Petrographic Analysis of Gravel – ASTM C295 (single grading) ^E	S 450
18. Petrographic Analysis of WC Sand – ASTM C295 (pre-graded) ^E	S 850
19. Potential Reactivity Test ASTM C289 Chemical Method ^D	S 495
20. Potential Reactivity ASTM C227 Mortar Bar Method (3 month) ^E	S 785
Each additional month	S 118
21. Potential Reactivity Test ASTM C1260 Rapid Method ^E	S 625
22. Potential Reactivity ASTM C1293 Mortar Bar w/ Pozz (12 month) ^E	S 1600
Extend to 24-months add (C1293 requires Sp.Grav. & Unit Weight)	S 800
23. Potential Reactivity Test ASTM C1567 Rapid-Cement Combo ^E	S 760
24. 'R' Value - ASTM D2844, CT 301 (Treated material by quote) ^B	S 315
25. Rip Rap, Slope Protection, Quarry Stone Acceptance	Per Quote
26. Specific gravity w/ absorption - coarse (ASTM C127, CTM 206) ^B	S 110
27. Specific gravity w/ absorption - fine (ASTM C128, CTM 207) ^B	S 130
28. Sulfate Soundness, 5 cycle test per primary size – ASTM C88 ^D	S 365
29. Uncompacted Void Content of Fine Aggregate – AASHTO T304 ^B	S 175

30. Unit weight – ASTM C29

S 72

E Dimensional Stone Tests

1. Compressive Strength – ASTM C170 ^D	S 95
2. Water Absorption & Density – ASTM C97 (3 required) ^D	S 65
3. Modulus of Rupture – ASTM C99 ^D	S 115
4. Flexural Strength – ASTM C880 ^D	S 130
<i>(Comp., MOR & Flex Str. require 5 samples ea. in wet & dry conditions // & ⊥ to rift.) (All prices are for prepared samples. Cutting and machining charges are extra.)</i>	

IV. LAB TESTS: CEMENT, CONCRETE, & MASONRY

A Cement

1. Grab sample (CCR Title 24) includes 1 year storage	S 55
2. Compression Test – High Strength Grout 2" cube – ASTM C109	S 45

B Concrete

1. Concrete compression: 6x12 cylinders – ASTM C39 ^A	S 26
2. Concrete compression: 4x8 cylinders – ASTM C39 ^A	S 22
3. Concrete cylinder pickup: 6x12 (>25mi. radius of Lab add hourly pickup rate)	S 12.50
4. Concrete cylinder pickup: 4x8 (>25mi. radius of Lab add hourly pickup rate)	S 9.50
5. Concrete cylinder mold (w/ lid - spare)	S 6
6. Concrete core compression test – ASTM C42 ^C	S 45
7. Concrete Trial Batch (includes 6 compression tests)	\$765
8. Concrete Mix Design Review (excludes testing & revisions)	\$230
9. Concrete mix proportion revision	\$150
10. Density of concrete cylinder (unit weight) ^C	\$64
11. Drying shrinkage – ASTM C157 (set of 3, 5 ages) ^E	\$495
12. End preparation of cores, diamond sawing, per cut	\$15
13. Flexural beam pick-up (>25mi. radius of Lab add hourly pickup rate)	\$38 ea
14. Flexural strength, 6"x6" beam – ASTM C78 & C293 ^A	\$80
15. Shotcrete/Gunite core compression test (not including coring)	\$35
16. Coring of Shotcrete/Gunite panel in laboratory, each core	\$50
17. Shotcrete/Gunite panel pick-up (>25mi. radius of Lab add hourly pickup rate)	\$38
18. Lab trial batch, not including specimen tests - ASTM C192	Per Quote
19. Lightweight, insulating concrete compress, 4 req. – ASTM C495	\$50
20. Lightweight insulating concrete – unit weight (oven dry)	\$95
21. Modulus of elasticity, 4"x8" cylinder – ASTM C469 ^D	\$215
22. Petrographic analysis of hardened concrete – ASTM C856 (per core) ^E	\$950
23. Poisson's Ratio on 6"x12" cylinders – ASTM C469 ^D	Per Quote
24. Splitting tensile – ASTM C496 ^D	\$175
25. Non-Shrink (Dry-Pack) Grout – 2"x2"x2"; set of 3	\$96

C Masonry

1. Absorption - brick, 5 required – ASTM C67 ^D	S 75
2. Absorption - masonry unit, 3 required – ASTM C140 ^D	S 58
3. Compression, brick, 5 required – ASTM C67 ^D	S 48
4. Compression - masonry core ^C	S 50
5. Compression - masonry prisms 8"x8" – ASTM C1314 (other sizes by quote – may require cutting charge)	S 154
6. Compression - masonry unit, 3 required – ASTM C140 ^D (requires absorption/unit weight tests for Net Area)	S 82
7. Dimensions – masonry unit, 3 required ^D	S 44
8. Compression test, grout specimens	S 35
9. Compression test, mortar specimens	S 35
10. Diamond sawing of masonry specimens, if required (minimum)	S 30
11. Efflorescence, first unit @ \$200, each additional @	S 60
12. Linear shrinkage, masonry unit, 3 required – ASTM C426 ^E	S 105
13. Masonry Prism Pickup (ea.)	S 50
14. Masonry Unit Acceptance Test – ASTM C140 ^D (includes absorption, compression, dimensions, unit weight)	S 595
15. Mortar Aggregate Ratio – ASTM C780 (A4) ^B	S 285
16. Modulus of rupture, brick, 5 required – ASTM C67 ^D	S 65
17. Moisture content - masonry unit (as received), 3 req'd ^D	S 45
18. Shear test on masonry core – CBC 2105.A.4 ^B	S 115
19. Tensile test on masonry block	S 245
20. Unit weight, masonry unit, 3 required – ASTM C140 ^D	S 48
21. Visual Examination & Photo-document Core – CBC 2105.A.4 ^B	S 48

^{A,B,C,D,E} Standard Turn-Around-Times (where applicable in superscript):

A – 3 working days B – 5 working days C – 7 working days
D – 10 working days E – >10 working days

TAT indicates testing time under typical conditions and is subject to change.

V. LAB TESTS: REINFORCING & STRUCTURAL STEEL

A General Testing

1. Processing mill certification (each size & heat)	\$20 ea.
2. Rockwell or Brinell Hardness, average of three readings	\$35 ea.
3. Zinc coating, each item (includes Haz Mat Fee) ^c	\$215

B Reinforcing Steel

1. Deformation, reinforcing steel ^c	\$60
2. Pre-stress, strand or wire, tensile & elongation ^d	Per Quote
3. Proof test on post-tension assembly	Per Quote
4. Bend Test (rebar) ^c	\$50
5. Tensile test (rebar), up to & including #8 ^c	\$55
6. Tensile test (rebar) #9, #10, #11 ^d	\$95
7. Tensile test (rebar) #14, #18 ^d	\$215
8. Rebar Mechanical Coupler (Tension) Test (up to #11 bar) ^d	\$215

C Structural Steel

1. Cutting & machining charges	cost + 15%
2. Bend test, structural, all sizes	\$75
3. Tensile test, structural, <3/4" cross-section (cutting & machining extra)*	\$75
4. Tensile test, structural, >3/4" cross-section (cutting & machining extra)*	\$125
5. Flattening test of pipe	\$65

*Tensile and yield by percent offset, add \$85

D High Strength Bolts

1. DSA-Certified High Strength Bolt Set ea. (Bolt, Nut, & Washer) ^d	\$ 335
2. Bolts - proof load (non-DSA) ^d	\$ 45
Bolts - ultimate load ^d	\$ 65
Bolts - hardness ^d	\$ 35
3. Nuts - proof load ^d	\$ 45
Nuts - hardness ^d	\$ 35
4. Washers - hardness ^d	\$ 35

E Welding Procedure and Welder Qualification Tests

	<i>Coupon thickness (mild steel only)</i>	<i>to 3/8"</i>	<i>over 3/8"</i>
1. Fracture bend (fillet)		\$45	\$45
2. Macroetch	\$55 ea.		
3. Free bend		\$65	\$65
4. Nick break	\$45 ea.	\$35	\$35
5. Side, face or root bend	\$28 ea.	\$35	\$35
6. Tensile	\$40 ea.	\$50	\$50
7. Welder Qualification Records		\$115	\$115

Includes evaluation of test specimens and preparation of Stamped Welder/Procedure Qualification Records per applicable code.

*Welder qualification examinations are given in our laboratory or at fabricator's shop with 4-hour minimum witnessing charge.

**Fees listed are for tests only. Sample preparation, coupon machining, etc., will be charged at applicable hourly lab rates and cost plus 15% for Outside Direct Costs.

VI. MISCELLANEOUS CONSTRUCTION MATERIALS TESTS

1. Calibration Certificates	Per Quote
2. Density of Sprayed Fireproofing	\$85
3. Roof Tile Strength	\$95
4. Roof Tile Absorption	\$75
5. Roof Cut Tests (total weight only)	\$85
6. Jobsite Trailer or Mobile Laboratory	Per Quote
7. Universal Testing Machine (Hourly)	\$210
8. Ground Rod Test (plus travel)	\$175

VII. ASPHALT & ASPHALTIC CONCRETE

A. Emulsions And Slurry Seals

1. Consistency test - ASTM D3910 ^A	\$95
2. pH determination ^B	\$75
3. Oven cook off (% residue) ^A	\$100
4. Solids content by evaporation and ignition extraction (slurry) ^A	\$225
5. Wet Track Abrasion - ASTM D3910 (prep. not included) ^A	\$270

B. Asphaltic Concrete, Aggregate And Mixes

1. Bulk Specific Gravity (HVEEM - 3 pt. LTMD) CT308 / T166 ^A	\$220
2. Coring of asphaltic concrete - See Section E Diamond Coring	
3. Extraction, % bitumen and sieve analysis	
Ignition Oven Method - CTM 382, 202 ^A	\$235
Solvent Extraction Method - ASTM D2172 ^B	\$395
4. Extraction, % bitumen only	
Ignition Oven Method - CTM 382 ^A	\$155
Solvent Extraction Method - ASTM 2172 ^B	\$305
5. Film stripping - CTM 302 ^C	\$165
6. Gyrotory Compaction, 6" specimen, Lab Mix* - AASHTO T312 ^B	\$350
7. Gyrotory Compaction, 6" specimen, Plant Mix* - AASHTO T312 ^B	\$300
* Add \$110 for Asphalt Rubber	
8. Hamburg Wheel Track - AASHTO T324 ^B	\$1,450
9. Ignition Oven Correction Factor - CTM 382 ^B	\$650
10. Marshall - Stability and flow (core) - ASTM D1559 ^A	\$125
11. Marshall - Stability and flow (bulk) - ASTM D1559 ^B	\$325
12. Marshall - Specific Gravity ^A	\$225
13. Mix proportion - Marshall Method ^D	\$2,900
with R.A.P. ^E	\$3,700
14. Mix proportion - HVEEM Method ^D	\$2,700
with R.A.P. ^E	\$3,500
15. Theoretical Maximum Specific Gravity (RICE) - D-2041, CT 309 ^A	\$200
16. Moisture content - ASTM D-1461 ^A	\$115
17. Recovery of Extracted Asphalt (extraction only) - ASTM D5404 ^D	\$250
18. Recovery of rubber from ARHM extraction ^D	\$315
19. Specific gravity of core - ASTM D2726 ^A	\$60
20. HVEEM Stabilometer test on premixed sample - CTM 366 ^A	\$185
Stabilometer test and mixing of sample ^B	\$400
21. Surface Abrasion - CTM 360 ^C	\$525
22. Resistance to Moisture Induced Damage (untreated) - T-283, CT 371 ^D	\$2,650
23. Resistance to Moisture Induced Damage (lime) - T-283, CT 371 ^D	\$1,850

NOTE: Where prices are listed for mix proportions, the necessary specific gravity tests and sieve analyses are included; however, aggregate and asphalt qualification tests are not.

^{A,B,C,D,E} Standard Turn-Around-Times: (where applicable TAT indicated in superscript following method):

A - 3 working days; B - 5 working days; C - 7 working days;
D - 10 working days; E - >10 working days

Standard TAT indicates anticipated testing time under typical conditions and is subject to change. RUSH TAT prioritizes testing over other samples. PRIORITY TAT dedicates technician to complete test as quickly as possible per the method specifications - hourly charges will apply for weekend or holiday work.

ADDITIONAL TESTS: NV5 performs a broad spectrum of field and laboratory testing. This Fee Schedule lists only the most common tests performed. For information regarding additional testing services, please contact our laboratory.

EXHIBIT C

Indemnification and Insurance Requirements (For Professional Contracts)

INDEMNIFICATION

CONTRACTOR agrees to indemnify, defend (with counsel reasonably approved by COUNTY) and hold harmless COUNTY and its officers, officials, employees, agents and volunteers from and against any and all claims, actions, losses, damages, judgments and/or liabilities arising out of this Agreement from any cause whatsoever, including the acts, errors or omissions of any person or entity and for any costs or expenses (including but not limited to attorneys' fees) incurred by COUNTY on account of any claim except where such indemnification is prohibited by law. CONTRACTOR's indemnification obligation applies to COUNTY's active as well as passive negligence but does not apply to COUNTY's sole negligence or willful misconduct.

NOTIFICATION OF ACCIDENTS AND SURVIVAL OF INDEMNIFICATION PROVISIONS

CONTRACTOR shall notify COUNTY immediately in the event of any accident or injury arising out of or in connection with this Agreement. The indemnification provisions in this Agreement shall survive any expiration or termination of this Agreement.

INSURANCE

CONTRACTOR shall procure and maintain for the duration of this Agreement insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the CONTRACTOR, its agents, representatives, employees or subcontractors.

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office (ISO) Form CG 00 01 covering CGL on an "occurrence" basis, including products-completed operations, personal & advertising injury, with limits no less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.
2. **Automobile Liability:** ISO Form Number CA 00 01 covering any auto (Code 1), or if CONTRACTOR has no owned autos, hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. **Workers' Compensation:** as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
4. **Professional Liability (Errors and Omissions)** Insurance appropriate to the CONTRACTOR'S profession, with limit of no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

If the CONTRACTOR maintains higher limits than the minimums shown above, the COUNTY requires and shall be entitled to coverage for the higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the COUNTY.

B. Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

1. **Additional Insured** – COUNTY, its officers, officials, employees, agents and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the CONTRACTOR including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the CONTRACTOR's insurance at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used).
2. **Primary Coverage** – For any claims related to this Agreement, the CONTRACTOR's insurance coverage shall be primary insurance as respects the COUNTY, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the COUNTY, its officers, officials, employees, agents or volunteers shall be excess of the CONTRACTOR's insurance and shall not contribute with it.
3. **Notice of Cancellation** – Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the COUNTY.
4. **Waiver of Subrogation Rights** – CONTRACTOR hereby grants to COUNTY a waiver of any right to subrogation which any insurer of said CONTRACTOR may acquire against the COUNTY by virtue of the payment of any loss under such insurance. CONTRACTOR agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation, but this provision applies regardless of whether or not the COUNTY has received a waiver of subrogation endorsement from the insurer.
5. **Deductibles and Self-Insured Retention** – Any deductibles or self-insured retentions must be declared to and approved by the COUNTY. The COUNTY may require the CONTRACTOR to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.
6. **Acceptability of Insurers** – Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best's Insurance Guide rating of "A- VII".
7. **Verification of Coverage** – CONTRACTOR shall furnish the COUNTY with proof of insurance, original certificates and amendatory endorsements as required by this Agreement. The proof of insurance, certificates and endorsements are to be received and approved by the COUNTY before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the CONTRACTOR's obligation to provide them. The CONTRACTOR shall furnish evidence of renewal of coverage throughout the term of the Agreement. The COUNTY reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.
8. **Failure to Procure Coverage** – In the event that any policy of insurance required under this Agreement does not comply with the requirements, is not procured, or is canceled and not replaced, COUNTY has the right but not the obligation or duty to terminate the Agreement. Maintenance of required insurance coverage is a material element of the Agreement and failure to maintain or renew such coverage or to provide evidence of renewal may be treated by COUNTY as a material breach of contract.
9. **Subcontractors** – CONTRACTOR shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and CONTRACTOR shall ensure that COUNTY is an additional insured on insurance required from subcontractors.
10. **Claims Made Policies** – If any of the required policies provide coverage on a claims-made basis:
 - i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.

- ii. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of contract work.
- iii. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the CONTRACTOR must purchase "extended reporting" coverage for a minimum of five (5) years after completion of contract work.

11. **Special Risks or Circumstances** – COUNTY reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this Agreement. CONTRACTOR agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of COUNTY to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of COUNTY.