

MASTER SERVICE AGREEMENT
FOR PROFESSIONAL SERVICES
BETWEEN
THE CITY OF SALINAS AND
KIMLEY-HORN AND
ASSOCIATES, INC.



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MASTER SERVICE AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN THE CITY OF SALINAS AND KIMLEY- HORN AND ASSOCIATES, INC.

This Master Service Agreement for Professional Services (the “Agreement” and/or “Contract”) is made and entered into this 10th day of January 2023, between the **City of Salinas**, a California Charter city and municipal corporation (hereinafter “City”), and **Kimley-Horn and Associates, Inc.**, a California corporation (hereinafter “Consultant”).

RECITALS

WHEREAS, Consultant represents that he, she, or it is specially trained, experienced, and competent to perform the special services which will be required by this Agreement; and

WHEREAS, Consultant is willing to render such professional services, as hereinafter defined, on the following terms and conditions.

NOW, THEREFORE, City and Consultant agree as follows:

TERMS

- 1. Scope of Service.** It is understood by City and Consultant that Consultant performs or secures the performance of National Pollutant Discharge Elimination System (NPDES), Traffic and Transportation and related services for the City on an on-going basis. On each occasion Consultant performs services for City, Consultant shall advise the City in writing of the scope of services to be provided, and the cost of, and estimated time to perform the services. Consultant shall not proceed to perform any such service until City and Consultant have established a project cost, a completion schedule, and a time period for performance, and the City has given its written authorization to perform. Written approval for performance and compensation may be granted by the City Engineer.
- 2. Term; Completion Schedule.** This Agreement shall commence on January 10, 2023, and shall terminate on January 10, 2028, unless extended in writing by either party upon (30) days written notice. This Agreement may be extended only upon mutual written consent of the parties, and may be terminated only pursuant to the terms of this Agreement.
- 3. Compensation.** City hereby agrees to pay Consultant for services rendered the City pursuant to this Agreement on a time and materials basis according to the rates of compensation as shown on Exhibit B.
- 4. Billing.** Consultant shall submit to City an itemized invoice, prepared in a form satisfactory to City, describing its services and costs for the period covered by the invoice. Except as specifically authorized by City, Consultant shall not bill City for duplicate services performed by more than one person. Consultant’s bills shall include the following information to which such services cost or pertain:

- (A) A brief description of services performed;
- (B) The date the services were performed;
- (C) The number of hours spent and by whom;
- (D) A brief description of any costs incurred; and
- (E) The Consultant's signature.

Any such invoices shall be in full accord with any and all applicable provisions of this Agreement.

City shall make payment on each such invoice within thirty (30) days of receipt; provided, however, that if Consultant submits an invoice which is incorrect, incomplete, or not in accord with the provisions of this Agreement, City shall not be obligated to process any payment to Consultant until thirty (30) days after a correct and complying invoice has been submitted by Consultant. The City shall process undisputed portion immediately.

5. Meet & Confer. Consultant agrees to meet and confer with City or its agents or employees with regard to services as set forth herein as may be required by the City to ensure timely and adequate performance of the Agreement.

6. Additional Copies. If City requires additional copies of reports, or any other material which Consultant is required to furnish as part of the services under this Agreement, Consultant shall provide such additional copies as are requested, and City shall compensate Consultant for the actual costs related to the production of such copies by Consultant.

7. Responsibility of Consultant. By executing this Agreement, Consultant agrees that the services to be provided and work to be performed under this Agreement shall be performed in a fully competent manner. By executing this Agreement, Consultant further agrees and represents to City that the Consultant possesses, or shall arrange to secure from others, all of the necessary professional capabilities, experience, resources, and facilities necessary to provide the City the services contemplated under this Agreement and that City relies upon the professional skills of Consultant to do and perform Consultant's work. Consultant further agrees and represents that Consultant shall follow the current, generally accepted practices in this area to the profession to make findings, render opinions, prepare factual presentations, and provide professional advice and recommendations regarding the projects for which the services are rendered under this Agreement.

8. Responsibility of City. To the extent appropriate to the projects to be completed by Consultant pursuant to this Agreement, City shall:

(A) Assist Consultant by placing at its disposal all available information pertinent to the projects, including but not limited to, previous reports and any other data relative to the projects. Nothing contained herein shall obligate City to incur any expense in connection with completion of studies or acquisition of information not otherwise in the possession of City.

(B) Examine all studies, reports, sketches, drawings, specifications, proposals, and other documents presented by Consultant, and render verbally or in writing as may be appropriate, decisions pertaining thereto within a reasonable time so as not to delay the services of Consultant.

(C) Steve Carrigan, City Manager, or his designee, shall act as City's representative with respect to the work to be performed under this Agreement. Such person shall have the complete authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to materials, equipment, elements, and systems pertinent to Consultant's services. City may unilaterally change its representative upon notice to the Consultant.

(D) Give prompt written notice to Consultant whenever City observes or otherwise becomes aware of any defect in a project.

9. **Acceptance of Work Not a Release.** Acceptance by the City of the work to be performed under this Agreement does not operate as a release of Consultant from professional responsibility for the work performed.

10. **Indemnification and Hold Harmless.** Consultant agrees to indemnify, including the cost to defend, City and its officers, officials, employees, and volunteers from and against any and all claims, demands, costs, or liability that arise out of, or pertain to, or relate to the negligence, recklessness, or willful misconduct of Consultant and its employees or agents in the performance of services under this contract, but this indemnity does not apply to liability for damages arising from the sole negligence, active negligence, or willful acts of the City; and does not apply to any passive negligence of the City unless caused at least in part by the Consultant (aka Design Professional).

11. **Insurance.** Consultant shall procure and maintain for the duration of this Agreement insurance meeting the requirements specified in **Exhibit A** hereto.

12. **Access to Records.** Consultant shall maintain all preparatory books, records, documents, accounting ledgers, and similar materials including but not limited to calculation and survey notes relating to work performed for the City under this Agreement on file for at least three (3) years following the date of final payment to Consultant by City. Any duly authorized representative(s) of City shall have access to such records for the purpose of inspection, audit, and copying at reasonable times during Consultant's usual and customary business hours. Consultant shall provide proper facilities to City's representative(s) for such access and inspection.

13. **Non-Assignability.** 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. This Agreement is personal to Consultant and shall not be assigned by it without express written approval of the City.

14. Changes to Scope of Work. City may at any time, and upon a minimum of ten (10) days written notice, seek to modify the scope of services to be provided for any project to be completed under this Agreement. Consultant shall, upon receipt of said notice, determine the impact on both time and compensation of such change in scope and notify City in writing. Upon agreement between City and Consultant as to the extent of said impacts to time and compensation, an amendment to this Agreement shall be prepared describing such changes. Execution of the amendment by City and Consultant shall constitute the Consultant's notice to proceed with the changed scope.

15. Ownership of Documents. Title to all final documents, including drawings, specifications, data, reports, summaries, correspondence, photographs, computer software (if purchased on the City's behalf), video and audio tapes, software output, and any other materials with respect to work performed under this Agreement shall vest with City at such time as City has compensated Consultant, as provided herein, for the services rendered by Consultant in connection with which they were prepared. City agrees to hold harmless and indemnify the Consultant against all damages, claims, lawsuits, and losses of any kind including defense costs arising out of any use of said documents, drawings, and/or specifications on any other project without written authorization of the Consultant.

16. Termination.

(A) City shall have the authority to terminate this Agreement, upon ten days written notice to Consultant, as follows:

(1) If in the City's opinion the conduct of the Consultant is such that the interest of the City may be impaired or prejudiced, or

(2) For any reason whatsoever.

(B) Upon termination, Consultant shall be entitled to payment of such amount as fairly compensates Consultant for all work satisfactorily performed up to the date of termination based upon the Consultant's rates shown in **Exhibit B** and/or Section 3 of this Agreement, except that:

(1) In the event of termination by the City for Consultant's default, City shall deduct from the amount due Consultant the total amount of additional expenses incurred by City as a result of such default. Such deduction from amounts due Consultant are made to compensate City for its actual additional costs incurred in securing satisfactory performance of the terms of this Agreement, including but not limited to, costs of engaging another consultant(s) for such purposes. In the event that such additional expenses shall exceed amounts otherwise due and payable to Consultant hereunder, Consultant shall pay City the full amount of such expense.

(C) In the event that this Agreement is terminated by City for any reason, Consultant shall:

(1) Upon receipt of written notice of such termination promptly cease all services on this project, unless otherwise directed by City; and

(2) Deliver to City all documents, data, reports, summaries, correspondence, photographs, computer software output, video and audio tapes, and any other materials provided to Consultant or prepared by or for Consultant or the City in connection with this Agreement. Such material is to be delivered to City in completed form; however, notwithstanding the provisions of Section 15 herein, City may condition payment for services rendered to the date of termination upon Consultant's delivery to the City of such material.

(D) In the event that this Agreement is terminated by City for any reason, City is hereby expressly permitted to assume the projects and complete them by any means, including but not limited to, an agreement with another party.

(E) The rights and remedy of the City and Consultant provided under this Section are not exclusive and are in addition to any other rights and remedies provided by law or appearing in any other section of this Agreement.

17. Compliance with Laws, Rules, and Regulations. Services performed by Consultant pursuant to this Agreement shall be performed in accordance and full compliance with all applicable federal, state, and City laws and any rules or regulations promulgated thereunder.

18. Exhibits Incorporated. All exhibits referred to in this Agreement and attached to it are hereby incorporated in it by this reference. In the event there is a conflict between any of the terms of this Agreement and any of the terms of any exhibit to the Agreement, the terms of the Agreement shall control the respective duties and liabilities of the parties.

19. Independent Contractor. It is expressly understood and agreed by both parties that Consultant, while engaged in carrying out and complying with any of the terms and conditions of this Agreement, is an independent contractor and not an employee of the City. Consultant expressly warrants not to represent, at any time or in any manner, that Consultant is an employee or servant of the City.

20. Integration and Entire Agreement. 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 respect to those matters contained herein. This Agreement may not be modified or altered except by amendment in writing signed by both parties.

21. Jurisdiction and Venue. This Agreement shall be governed by and construed in accordance with the laws of the State of California, County of Monterey, and City of Salinas. Jurisdiction of litigation arising from this Agreement shall be in the State of California, in the County of Monterey or in the appropriate federal court with jurisdiction over the matter.

22. Severability. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of the Agreement shall continue to be in full force and effect.

23. Notices.

(A) Written notices to the City hereunder shall, until further notice by City, be addressed to:

City Manager
City of Salinas
200 Lincoln Avenue
Salinas, California 93901

With a copy to:

City Attorney
City of Salinas
200 Lincoln Avenue
Salinas, California 93901

(B) Written notices to the Consultant shall, until further notice by the Consultant, be addressed to:

Frederik Venter, PE
Principal-in-Charge
10 South Almaden Boulevard, #1250
San Jose, CA 95113
Frederik.venter@kimley-horn.com
(669) 800-4146

(C) The execution of any such notices by the City Manager shall be effective as to Consultant as if it were by resolution or order of the City Council, and Consultant shall not question the authority of the City Manager to execute any such notice.

(D) All such notices shall either be delivered personally to the other party's designee named above, or shall be deposited in the United States Mail, properly addressed as aforesaid, postage fully prepaid, and shall be effective the day following such deposit in the mail.

24. Nondiscrimination. During the performance of this Agreement, Consultant shall not discriminate against any employee or applicant for employment because of race, color, religion, ancestry, creed, sex, national origin, familial status, sexual orientation, age (over 40 years) or disability. Consultant shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, ancestry, creed, sex, national origin, familial status, sexual orientation, age (over 40 years) or disability

25. **Conflict of Interest.** Consultant warrants and declares that it presently has no interest, and shall not acquire any interest, direct or indirect, financial or otherwise, in any manner or degree which will render the services required under the provisions of this Agreement a violation of any applicable local, state or federal law. Consultant further declares that, in the performance of this Agreement, no subcontractor or person having such an interest shall be employed. In the event that any conflict of interest should nevertheless hereinafter arise, Consultant shall promptly notify City of the existence of such conflict of interest so that City may determine whether to terminate this Agreement. Consultant further warrants its compliance with the Political Reform Act (Government Code section 81000 et seq.) and Salinas City Code Chapter 2A that apply to Consultant as the result of Consultant's performance of the work or services pursuant to the terms of this Agreement.

26. **Headings.** The section headings appearing herein shall not be deemed to govern, limit, modify, or in any manner affect the scope, meaning or intent of the provisions of this Agreement.

27. **Attorneys' Fees.** In case suit shall be brought to interpret or to enforce this Agreement, or because of the breach of any other covenant or provision herein contained, the prevailing party in such action shall be entitled to recover their reasonable attorneys' fees in addition to such costs as may be allowed by the Court. City's attorneys' fees, if awarded, shall be calculated at the market rate.

28. **Non-Exclusive Agreement.** This Agreement is non-exclusive and both City and Consultant expressly reserves the right to contract with other entities for the same or similar services.

29. **Rights and Obligations Under Agreement.** By entering into this Agreement, the parties do not intend to create any obligations express or implied other than those set out herein; further, this Agreement shall not create any rights in any party not a signatory hereto.

30. **Licenses.** If a license of any kind, which term is intended to include evidence of registration, is required of Consultant, its representatives, agents or subcontractors by federal, state or local law, Consultant warrants that such license has been obtained, is valid and in good standing, and that any applicable bond posted in accordance with applicable laws and regulations.

31. **Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute a single agreement.

32. **Legal Representation.** Each party affirms that it has been represented, if it so chose, by legal counsel of its own choosing regarding the preparation and the negotiation of this Agreement and the matters and claims set forth herein, and that each of them has read this Agreement and is fully aware of its contents and its legal effect. Neither party is relying on any statement of the other party outside the terms set forth in this Agreement as an inducement to enter into this Agreement.

33. Joint Representation. The language of all parts of this Agreement shall in all cases be construed as a whole, according to its fair meaning, and not strictly for or against any party. No presumptions or rules of interpretation based upon the identity of the party preparing or drafting the Agreement, or any part thereof, shall be applicable or invoked.

34. Warranty of Authority. Each party represents and warrants that it has the right, power, and authority to enter into this Agreement. Each party further represents and warrants that it has given any and all notices, and obtained any and all consents, powers, and authorities, necessary to permit it, and the persons entering into this Agreement for it, to enter into this Agreement.

35. No Waiver of Rights. Waiver of a breach or default under this Agreement shall not constitute a continuing waiver or a waiver of a subsequent breach of the same or any other provision of this Agreement. The failure to provide notice of any breach of this Agreement or failure to comply with any of the terms of this Agreement shall not constitute a waiver thereof. Failure on the part of either party to enforce any provision of this Agreement shall not be construed as a waiver of the right to compel enforcement of such provision or any other provision. A waiver by the City of any one or more of the conditions of performance under this Agreement shall not be construed as waiver(s) of any other condition of performance under this Agreement.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement on the date first written above.

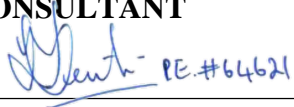
CITY OF SALINAS

Steve Carrigan
City Manager

APPROVED AS TO FORM:

- _____
☐ Christopher A. Callihan, City Attorney, or
☐ Rhonda Combs, Assistant City Attorney

CONSULTANT



By (Printed Name): Frederik Venter
Its (Title): Vice President



Exhibit A- Insurance Requirements

Insurance Requirements

Consultant shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Consultant, his agents, representatives, employees, or subcontractors. With respect to General Liability and Professional Liability, coverage should be maintained for a minimum of five (5) years after Agreement completion.

MINIMUM SCOPE AND LIMIT OF INSURANCE

Coverage shall be at least as broad as:

- (A) **Commercial General Liability** (“CGL”): Insurance Services Office Form (“ISO”) CG 00 01 covering CGL on an occurrence basis, including products and completed operations, property damage, bodily injury, and personal & advertising injury with limits no less than **\$1,000,000** per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
- (B) **Automobile Liability**: ISO Form CA 0001 covering any auto, or if Consultant has no owned autos, hired and non-owned, with limits no less than **\$1,000,000** per accident for bodily injury and property damage.
- (C) **Workers’ Compensation** insurance as required by the State of California, with Statutory Limits, and Employer’s Liability Insurance with a limit of no less than **\$1,000,000** per accident for bodily injury or disease.
- (D) **Professional Liability** (also known as Errors and Omissions) insurance appropriate to the work being performed, with limits no less than **\$1,000,000** per occurrence or claim, **\$2,000,000** aggregate per policy period of one year.

If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, the City of Salinas requires and shall be entitled to the broader coverage and/or higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

OTHER INSURANCE PROVISIONS

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

Additional Insured Status

The City of Salinas, its officers, officials, employees, 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 Consultant 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 Consultant’s insurance (at least as broad as ISO Form CG 20 10, CG 11 85, or **both** CG 20 10, CG 20 26, CG 20 33, or CG 20 38; **and** CG 20 37 forms if later revisions used).

Primary Coverage

For any claims related to this Agreement or the project described within this Agreement, the **Consultant's insurance coverage shall be primary coverage** at least as broad as ISO Form CG 20 01 04 13 as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

Notice of Cancellation

Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the City.

Waiver of Subrogation

Consultant hereby grants to City a waiver of any right to subrogation which any insurer of said Consultant may acquire against the City by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer.

The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the City of Salinas for all work performed by the Consultant, its employees, agents, and subcontractors.

Self-Insured Retentions

Self-insured retentions must be declared by Consultant to and approved by the City. At the option of the City, Consultant shall provide coverage to reduce or eliminate such self-insured retentions as respects the City, its officers, officials, employees, and volunteers; or the consultant shall provide evidence satisfactory to the City guaranteeing payment of losses and related investigations, claim administrations, and defense expenses. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or City.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the City.

Claims Made Policies

If any of the required policies provide coverage on a claims-made basis:

1. The Retroactive Date must be shown and must be before the date of this Agreement or the beginning of Agreement work.
2. Insurance must be maintained and evidence of insurance must be provided ***for at least five (5) years after completion of the Agreement of work.***
3. If coverage is canceled or non-renewed, and not ***replaced with another claims-made policy form with a Retroactive Date*** prior to the Agreement effective date, the Consultant must purchase "extended reporting" coverage for a minimum of ***five (5) years*** after completion of Agreement work.
4. A copy of the claims reporting requirements must be submitted to the City for review.

Verification of Coverage

Consultant shall furnish the City with original certificates and amendatory endorsements or copies of the applicable insurance language effecting coverage required by this Agreement. All certificates and endorsements are to be received and approved by the City before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

Subcontractors

Consultant shall require and verify that all sub-consultants and/or subcontractors maintain insurance meeting all the requirements stated herein, and Consultant shall ensure that Entity is an additional insured on insurance required from such sub-consultants and/or subcontractors.

Special Risks or Circumstances

City reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

Maintenance of Insurance

Maintenance of insurance by Consultant as specified shall in no way be interpreted as relieving Consultant of its indemnification obligations or any responsibility whatsoever and the Consultant may carry, at its own expense, such additional insurance as it deems necessary.

Exhibit B- Fee Schedule



Kimley-Horn and Associates, Inc.

Hourly Labor Rate Schedule

Classification	Rate
Analyst I	\$120 - \$155
Analyst II	\$155 - \$195
Professional	\$195 - \$220
Senior Professional I	\$220 - \$305
Senior Professional II	\$305 - \$395
Senior Technical Support	\$105 - \$280
Technical Support	\$95 - \$160
Support Staff	\$85 - \$140

Effective through November 30, 2023

Subject to 3% annual adjustment thereafter

External Reimbursable Expenses will be charged at 10% mark-up, or per the Contract

Sub-Consultants will be billed per the Contract

HOURLY RATE SCHEDULE

<u>Category</u>	<u>Hourly Rate</u>
Principal Engineer	\$ 250.00
Senior Civil Engineer	\$ 210.00
Senior Land Surveyor	\$ 210.00
Civil Engineer	\$ 190.00
Land Surveyor	\$ 190.00
Senior Associate Engineer / Surveyor	\$ 160.00
Associate Engineer / Surveyor	\$ 155.00
Assistant Engineer / Surveyor	\$ 135.00
Senior Engineering / Survey Technician	\$ 130.00
Engineering / Survey Technician	\$ 125.00
Administrative Support	\$ 75.00
Engineering Aide	\$ 65.00
Expert Witness / Court Hearing	\$ 375.00

Field Surveying*

One Person Survey Crew (Prevailing Wage)	\$ 230.00
Two Person Survey Crew (Prevailing Wage)	\$ 390.00

Reimbursables

Professional Services by Others	Cost Plus 10%
In-House Large Format Plotting / Copies (Black & White)	\$0.54 / S.F.
In-House Plots, Prints, Copies (Color/Special Media)	Rates vary, available upon request
In-House Prints / Copies (Black & White)	\$0.10/sheet for 8.5x11, \$0.54/sheet for 11x17
Materials, Postage, Reproduction, Telephone	Cost Plus 10%
Mileage	Per Current Federal Rate

*Survey Crew rates are Prevailing Wage and shall be in effect at the time of the requested proposals.
January 1, 2022 to December 31, 2027

SCHEDULE OF FEES

Effective Through December 31, 2023

PROFESSIONAL SERVICES

Principal Engineer	\$220.00/hour
Senior Engineer	\$175.00/hour
Staff Engineer	\$160.00/hour
Draftsperson.....	\$110.00/hour
Data Entry	\$85.00/hour
Administration	\$85.00/hour
Expert Testimony/Deposition (4 hour minimum)	\$450.00/hour

FIELD OBSERVATION AND TESTING SERVICES

Field Supervisor/Senior Engineer	\$185.00/hour
Field Engineering Technician.....	\$115.00/hour
Field Engineering Technician (Prevailing Wage)	\$140.00/hour
Field Engineering Technician Overtime-Over 8 hours (Prevailing Wage)	\$180.00/hour
Field Engineering Technician Double Overtime-Over 12 Hours (Prevailing Wage)	\$210.00/hour
Field Engineering Technician 2 ND Shift (Prevailing Wage)	\$150.00/hour
Coring	\$195.00/hour
Coring with 1-Person Traffic Control and Arrow Board.....	\$355.00/hour
Coring with 2-Person Traffic Control and Arrow Board.....	\$490.00/hour
Falling Weight Deflection Testing (FWD).....	\$410.00/hour
Falling Weight Deflection Testing (FWD) and Arrow Board.....	\$580.00/hour

Concrete field testing and soil compaction testing are completed by ACI/APNGA certified field technicians.

There is a two-hour minimum charge (Portal to Portal) on all field observation and testing services for field technicians. Overtime rates of 1½ times the hourly rate will be billed for time in excess of eight hours per day and on Saturdays. Double time will be billed for Sundays and Holidays. Mileage will be charged at current IRS rate for all construction observation based on a distance from our office to your site.

A charge of 0.25 hours at engineers' rate will be billed for daily review of each days site visit.

A charge of \$350 per week will be billed for certified payroll for Public Works/DIR projects.

OTHER SERVICES

Hired subcontractors cost + 15%

Large Format Printing (i.e. Plan Sheets) \$ 0.50 per sq. foot

Small Format Printing (i.e. Extra Report Copies) \$ 0.25 per page

ALL FINAL REPORTS will not be released until outstanding invoices are paid in full.

LABORATORY TESTING SERVICES

Maximum Density Curve (Modified/Standard Proctor ASTM D1557/D698)

Four-inch mold	\$289.00/each
Six-inch mold.....	\$343.00/each
Check Point.....	\$100.00/each

Moisture Content (ASTM D2216).....	\$21.00/each
Moisture Content/Dry Density (ASTM 7263).....	\$36.00/each

Unconfined Compression (ASTM D2166).....	\$87.00/each
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Atterberg Limits Wet Prep Method (ASTM D4318).....	\$280.00/each
Atterberg Limits Dry Prep Method (ASTM D4318)	\$194.00/each
Resistance R-Value (ASTM2844/CTM 301-Outside Laboratory)	

Particle Size Analysis (ASTM C117 and C136)

With #200 Wash	\$145.00/each
Bulk Sieve (If Gravelly or >5kg) add	\$82.00/each
% Passing #200	\$93.00/each

Organic Content (ASTM D2974).....	\$105.00/each
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Consolidation Test, Time Rate (ASTM D2435).....	\$423.00/each
Consolidation Test, Without Time Rate	\$230.00/each

Expansion Index (ASTM D4829)	\$420.00/each
Swell Pressure	\$300.00/each

Concrete Compression per Cylinder Break (ASTM C39)	\$75.00/each
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Steel Tagging	Per Field Technician Rate
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Outside Laboratory Testing.....	Cost + 15 %
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