

**INDEPENDENT CONSULTANT AGREEMENT FOR PROFESSIONAL SERVICES
MATERIAL TESTING AND SPECIAL INSPECTIONS**

This Independent Consultant Agreement for Professional Services ("Agreement") is made and entered into as of the **15th day of February 2023** by and between the **Solano Community College District**, ("District") and **Wallace Kuhl and Associates** ("Consultant"), (together, "Parties").

NOW, THEREFORE, the Parties agree as follows:

1. **Services.** The Consultant shall provide **Material Testing and Special Inspections Services** for the **Fairfield Campus Solar Energy Project** as further described in **Exhibit "A"**, attached hereto and incorporated herein by this reference ("Services").
2. **Term.** Consultant shall commence providing services under this Agreement on February 15th, 2023 and will diligently perform as required and complete performance by November 6th, 2023, unless this Agreement is terminated and/or otherwise cancelled prior to that time.
3. **Submittal of Documents.** The Consultant shall not commence the Services under this Agreement until the Consultant has submitted and the District has approved the certificate(s) and affidavit(s), and the endorsement(s) of insurance required as indicated below:

<u> X </u>	Signed Agreement
<u> X </u>	Workers' Compensation Certification
<u> X </u>	Insurance Certificates and Endorsements
<u> X </u>	W-9 Form
_____	Other: _____

4. **Compensation.** District agrees to pay the Consultant for services satisfactorily rendered pursuant to this Agreement a total fee not to exceed **EIGHTY-EIGHT THOUSAND, ONE HUNDRED FORTY DOLLARS AND 00/100 (\$88,140.00)**. District shall pay Consultant according to the following terms and conditions:
 - 4.1. Payment for the Work shall be made for all undisputed amounts based upon the delivery of the work product as determined by the District. Payment shall be made within thirty (30) days after the Consultant submits an invoice to the District for Work actually completed and after the District's written approval of the Work, or the portion of the Work for which payment is to be made.
 - 4.2. The schedule of deliverable Services to be produced is as follows:
 - 4.2.1.1. Soils Testing and Inspections: \$ 18,865.00
 - 4.2.1.2. Concrete Testing and Inspections: \$ 26,815.00
 - 4.2.1.3. Post-Installed Concrete Anchors Testing and Inspection: \$ 2,340.00
 - 4.2.1.4. Structural Steel Testing and Inspection: \$ 29,630.00
 - 4.2.1.5. Project Administration Review and Reports: \$ 5,490.00
 - 4.2.1.6. *Owner's Allowance: \$ 5,000.00*
 - 4.3. Consultant shall only be paid for the time and effort need to complete the actual scope of services required for this project, which may be less than the total amount noted in Section "4. Compensation". If the total amount noted is not needed to complete the scope of services, any remaining balance shall be retained by the District.
 - 4.4. Billing Rates are listed in **Exhibit "B"**, in case that additional services are requested by the District.

5. **Expenses.** District shall not be liable to Consultant for any costs or expenses paid or incurred by Consultant in performing services for District, except as follows:
- 5.1. Reimbursable expenses will not be allowed and such expenses should be incorporated into billing rates.
6. **Independent Contractor.** Consultant, in the performance of this Agreement, shall be and act as an independent contractor. Consultant understands and agrees that it and all of its employees shall not be considered officers, employees, agents, partner, or joint venture of the District, and are not entitled to benefits of any kind or nature normally provided employees of the District and/or to which District's employees are normally entitled, including, but not limited to, State Unemployment Compensation or Worker's Compensation. Consultant shall assume full responsibility for payment of all federal, state and local taxes or contributions, including unemployment insurance, social security and income taxes with respect to Consultant's employees. In the performance of the work herein contemplated, Consultant is an independent contractor or business entity, with the sole authority for controlling and directing the performance of the details of the work, District being interested only in the results obtained.
7. **Materials.** Consultant shall furnish, at its own expense, all labor, materials, equipment, supplies and other items necessary to complete the services to be provided pursuant to this Agreement.
8. **Performance of Services.**
- 8.1. **Standard of Care.** Consultant represents that Consultant has the qualifications and ability to perform the Services in a professional manner, without the advice, control or supervision of District. Consultant's services will be performed, findings obtained, reports and recommendations prepared in accordance with generally and currently accepted principles and practices of its profession for services to California community college districts.
- Consultant shall carefully study and compare all documents, findings, and other instructions and shall at once report to District, in writing, any error, inconsistency, or omission that Consultant or its employees may discover. Consultant shall have responsibility for discovery of errors, inconsistencies, or omissions.
- 8.2. **Meetings.** Consultant and District agree to participate in regular meetings on at least a monthly basis to discuss strategies, timetables, implementations of services, and any other issues deemed relevant to the operation of Consultant's performance of Services.
- 8.3. **District Approval.** The work completed herein must meet the approval of the District and shall be subject to the District's general right of inspection and supervision to secure the satisfactory completion thereof.
- 8.4. **New Project Approval.** Consultant and District recognize that Consultant's Services may include working on various projects for District. Consultant shall obtain the approval of District prior to the commencement of a new project.
9. **Originality of Services.** Except as to standard generic details, Consultant agrees that all technologies, formulae, procedures, processes, methods, writings, ideas, dialogue, compositions, recordings, teleplays and video productions prepared for, written for, or submitted to the District and/or used in connection with this Agreement, shall be wholly original to Consultant and shall not be copied in whole or in part from any other source,

except that submitted to Consultant by District as a basis for such services.

10. **Copyright/Trademark/Patent.** Consultant understands and agrees that all matters produced under this Agreement shall become the property of District and cannot be used without District's express written permission. District shall have all right, title and interest in said matters, including the right to secure and maintain the copyright, trademark and/or patent of said matter in the name of the District. Consultant consents to use of Consultant's name in conjunction with the sale, use, performance and distribution of the matters, for any purpose and in any medium.
11. **Audit.** Consultant shall establish and maintain books, records, and systems of account, in accordance with generally accepted accounting principles, reflecting all business operations of Consultant transacted under this Agreement. Consultant shall retain these books, records, and systems of account during the Term of this Agreement and for five (5) years thereafter. Consultant shall permit the District, its agent, other representatives, or an independent auditor to audit, examine, and make excerpts, copies, and transcripts from all books and records, and to make audit(s) of all billing statements, invoices, records, and other data related to the Services covered by this Agreement. Audit(s) may be performed at any time, provided that the District shall give reasonable prior notice to Consultant and shall conduct audit(s) during Consultant's normal business hours, unless Consultant otherwise consents.

12. **Termination.**

- 12.1. **For Convenience by District.** District may, at any time, with or without reason, terminate this Agreement and compensate Consultant only for services satisfactorily rendered to the date of termination. Written notice by District shall be sufficient to stop further performance of services by Consultant. Notice shall be deemed given when received by the Consultant or no later than three days after the day of mailing, whichever is sooner.
- 12.2. **For Cause by District.** District may terminate this Agreement upon giving of written notice of intention to terminate for cause. Cause shall include:
- 12.2.1. material violation of this Agreement by the Consultant; or
 - 12.2.2. any act by Consultant exposing the District to liability to others for personal injury or property damage; or
 - 12.2.3. Consultant is adjudged a bankrupt, Consultant makes a general assignment for the benefit of creditors or a receiver is appointed on account of Consultant's insolvency.

Written notice by District shall contain the reasons for such intention to terminate and unless within three (3) calendar days after that notice the condition or violation shall cease, or satisfactory arrangements for the correction thereof be made, this Agreement shall upon the expiration of the three (3) calendar days cease and terminate. In the event of this termination, the District may secure the required services from another Consultant. If the expense, fees, and/or costs to the District exceed the cost of providing the service pursuant to this Agreement, the Consultant shall immediately pay the excess expense, fees, and/or costs to the District upon the receipt of the District's notice of these expense, fees, and/or costs. The foregoing provisions are in addition to and not a limitation of any other rights or remedies available to District.

13. **Indemnification.** To the furthest extent permitted by California law, Contractor shall defend, indemnify, and hold harmless the District, its Governing Board, agents, representatives,

officers, consultants, employees, trustees, and volunteers (the "indemnified parties") from any and all claims arising out of, pertaining to, or relating to the negligence, recklessness, or willful misconduct of the Contractor. The District shall have the right to accept or reject any legal representation that Contractor proposes to defend the indemnified parties.

14. Insurance.

14.1. The Consultant shall procure and maintain at all times it performs any portion of the Services the following insurance with minimum limits equal to the amount indicated below.

Type of Coverage	Minimum Requirement
Commercial General Liability Insurance , including Bodily Injury, Personal Injury, Property Damage, Advertising Injury, and Medical Payments Each Occurrence General Aggregate	 \$ 1,000,000 \$ 2,000,000
Automobile Liability Insurance - Any Auto Each Occurrence General Aggregate	 \$ 1,000,000 \$ 2,000,000
Professional Liability	\$ 1,000,000
Workers Compensation	Statutory Limits
Employer's Liability	\$ 1,000,000

14.1.1. **Commercial General Liability and Automobile Liability Insurance.** Commercial General Liability Insurance and Any Auto Automobile Liability Insurance that shall protect the Consultant, the District, and the State from all claims of bodily injury, property damage, personal injury, death, advertising injury, and medical payments arising performing any portion of the Services. (Form CG 0001 and CA 0001, or forms substantially similar, if approved by the District.)

14.1.2. **Workers' Compensation and Employers' Liability Insurance.** Workers' Compensation Insurance and Employers' Liability Insurance for all of its employees performing any portion of the Services. In accordance with provisions of section 3700 of the California Labor Code, the Consultant shall be required to secure workers' compensation coverage for its employees. If any class of employee or employees engaged in performing any portion of the Services under this Agreement are not protected under the Workers' Compensation Statute, adequate insurance coverage for the protection of any employee(s) not otherwise protected must be obtained before any of those employee(s) commence performing any portion of the Services.

14.1.3. **Professional Liability (Errors and Omissions).** Professional Liability Insurance as appropriate to the Consultant's profession, coverage to continue through completion of construction plus two (2) years thereafter.

14.2. **Proof of Carriage of Insurance.** The Consultant shall not commence performing any portion of the Services until all required insurance has been obtained and certificates indicating the required coverage have been delivered in duplicate to the District and approved by the District. Certificates and insurance policies shall include the following:

14.2.1. A clause stating: "This policy shall not be canceled or reduced in required limits of liability or amounts of insurance until notice has been mailed to the District,

stating date of cancellation or reduction. Date of cancellation or reduction shall not be less than thirty (30) days after date of mailing notice.”

14.2.2. Language stating in particular those insured, extent of insurance, location and operation to which insurance applies, expiration date, to whom cancellation and reduction notice will be sent, and length of notice period.

14.2.3. An endorsement stating that the District and its Governing Board, agents, representatives, employees, trustees, officers, consultants, and volunteers are named additional insured under all policies except Workers’ Compensation Insurance, Professional Liability, and Employers’ Liability Insurance. An endorsement shall also state that Consultant’s insurance policies shall be primary to any insurance or self-insurance maintained by District. An endorsement shall also state that there shall be a waiver of any subrogation.

14.2.4. All policies except the Professional Liability, Workers’ Compensation Insurance, and Employers’ Liability Insurance Policies shall be written on an occurrence form.

14.3. **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 District.

15. **Assignment.** The obligations of the Consultant pursuant to this Agreement shall not be assigned by the Consultant.

16. **Compliance with Laws.** Consultant shall observe and comply with all rules and regulations of the governing board of the District and all federal, state, and local laws, ordinances and regulations. Consultant shall give all notices required by any law, ordinance, rule and regulation bearing on conduct of the Work as indicated or specified. If Consultant observes that any of the Work required by this Contract is at variance with any such laws, ordinance, rules or regulations, Consultant shall notify the District, in writing, and, at the sole option of the District, any necessary changes to the scope of the Work shall be made and this Contract shall be appropriately amended in writing, or this Contract shall be terminated effective upon Consultant’s receipt of a written termination notice from the District. If Consultant performs any work that is in violation of any laws, ordinances, rules or regulations, without first notifying the District of the violation, Consultant shall bear all costs arising therefrom.

17. **Certificates/Permits/Licenses.** Consultant and all Consultant's employees or agents shall secure and maintain in force such certificates, permits and licenses as are required by law in connection with the furnishing of Services pursuant to this Agreement.

18. **Employment with Public Agency.** Consultant, if an employee of another public agency, agrees that Consultant will not receive salary or remuneration, other than vacation pay, as an employee of another public agency for the actual time in which services are actually being performed pursuant to this Agreement.

19. **Anti-Discrimination.** It is the policy of the District that in connection with all work performed under Contracts there be no discrimination against any employee engaged in the work because of race, color, ancestry, national origin, religious creed, physical disability, medical condition, marital status, sexual orientation, gender, or age and therefore the Consultant agrees to comply with applicable Federal and California laws including, but not limited to the California Fair Employment and Housing Act beginning with Government Code Section 12900 and Labor Code Section 1735 and District policy. In addition, the Consultant agrees to require like compliance by all of its subcontractor(s).

20. **Disabled Veteran Business Enterprises.** Pursuant to Education Code section 71028 and Public Contract Code section 10115, the District may have a participation goal for disabled veteran business enterprises (DVBEs) of at least three percent (3%) per year of funds expended each year by the District on projects that use funds California Community College Chancellor's Office. In accordance therewith, the Consultant must submit, upon request by the District, appropriate documentation to the District identifying the good faith efforts the Consultant has taken to solicit DVBE participation in conjunction with this Agreement, if applicable.
21. **No Rights in Third Parties.** This Agreement does not create any rights in, or inure to the benefit of, any third party except as expressly provided herein.
22. **District's Evaluation of Consultant and Consultant's Employees and/or Subcontractors.** The District may evaluate the Consultant in any way the District is entitled pursuant to applicable law. The District's evaluation may include, without limitation:
- 22.1. Requesting that District employee(s) evaluate the Consultant and the Consultant's employees and subcontractors and each of their performance.
- 22.2. Announced and unannounced observance of Consultant, Consultant's employee(s), and/or subcontractor(s).
23. **Limitation of District Liability.** Other than as provided in this Agreement, District's financial obligations under this Agreement shall be limited to the payment of the compensation provided in this Agreement. Notwithstanding any other provision of this Agreement, in no event, shall District be liable, regardless of whether any claim is based on contract or tort, for any special, consequential, indirect or incidental damages, including, but not limited to, lost profits or revenue, arising out of or in connection with this Agreement for the services performed in connection with this Agreement.
24. **Confidentiality.** The Consultant and all Consultant's agents, personnel, employee(s), and/or subcontractor(s) shall maintain the confidentiality of all information received in the course of performing the Services. Consultant understands that student records are confidential and agrees to comply with all state and federal laws concerning the maintenance and disclosure of student records. This requirement to maintain confidentiality shall extend beyond the termination of this Agreement.
25. **Notice.** Any notice required or permitted to be given under this Agreement shall be deemed to have been given, served, and received if given in writing and either personally delivered or deposited in the United States mail, registered or certified mail, postage prepaid, return receipt required, or sent by overnight delivery service, or facsimile transmission, addressed as follows:

District:

Solano Community College District
 C/O Kitchell CEM
 4000 Suisun Valley Road
 Fairfield, California 94534

ATTN: Noe Ramos
 Email: Noe.Ramos@solano.edu

Consultant:

Wallace Kuhl and Associates
 3050 Industrial Boulevard
 West Sacramento, CA 95691

ATTN: David T. Hunn, MS, PE, GE
 Email: DHunn@teamues.com

Any notice personally given or sent by facsimile transmission shall be effective upon receipt. Any notice sent by overnight delivery service shall be effective the business day next following

delivery thereof to the overnight delivery service. Any notice given by mail shall be effective three (3) days after deposit in the United States mail.

26. **Integration/Entire Agreement of Parties.** This Agreement constitutes the entire agreement between the Parties and supersedes all prior discussions, negotiations, and agreements, whether oral or written. This Agreement may be amended or modified only by a written instrument executed by both Parties.
27. **California Law.** This Agreement shall be governed by and the rights, duties and obligations of the Parties shall be determined and enforced in accordance with the laws of the State of California. The Parties further agree that any action or proceeding brought to enforce the terms and conditions of this Agreement shall be maintained in the county in which the District's administrative offices are located.
28. **Waiver.** The waiver by either party of any breach of any term, covenant, or condition herein contained shall not be deemed to be a waiver of such term, covenant, condition, or any subsequent breach of the same or any other term, covenant, or condition herein contained.
29. **Severability.** If any term, condition or provision of this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions will nevertheless continue in full force and effect, and shall not be affected, impaired or invalidated in any way.
30. **Provisions Required By Law Deemed Inserted.** Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and this Contract shall be read and enforced as though it were included therein.
31. **Authority to Bind Parties.** Neither party in the performance of any and all duties under this Agreement, except as otherwise provided in this Agreement, has any authority to bind the other to any agreements or undertakings.
32. **Attorney Fees/Costs.** Should litigation be necessary to enforce any terms or provisions of this Agreement, then each party shall bear its own litigation and collection expenses, witness fees, court costs and attorney's fees.
33. **Captions and Interpretations.** Paragraph headings in this Agreement are used solely for convenience, and shall be wholly disregarded in the construction of this Agreement. No provision of this Agreement shall be interpreted for or against a party because that party or its legal representative drafted such provision, and this Agreement shall be construed as if jointly prepared by the Parties.
34. **Calculation of Time.** For the purposes of this Agreement, "days" refers to calendar days unless otherwise specified.
35. **Signature Authority.** Each party has the full power and authority to enter into and perform this Agreement, and the person signing this Agreement on behalf of each Party has been properly authority and empowered to enter into this Agreement.
36. **Counterparts.** This Agreement and all amendments and supplements to it may be executed in counterparts, and all counterparts together shall be construed as one document.
37. **Incorporation of Recitals and Exhibits.** The Recitals and each exhibit attached hereto are hereby incorporated herein by reference.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the date indicated

below.

Dated: _____, 2023

Dated: _____, 2023

Solano Community College District

Wallace Kuhl and Associates

By: _____

By: _____

Print Name: Lucky Lofton

Print Name: _____

Print Title: Vice President, Facilities and Executive Bonds Manager

Print Title: _____

Information regarding Consultant:

License No.: _____

_____:

Address:

Employer Identification and/or Social Security Number

Telephone:

Facsimile:

E-Mail:

Type of Business Entity:

- _____ Individual
- _____ Sole Proprietorship
- _____ Partnership
- _____ Limited Partnership
- _____ Corporation, State: _____
- _____ Limited Liability Company
- _____ Other: _____

NOTE: Section 6041 of the Internal Revenue Code (26 U.S.C. 6041) and Section 1.6041-1 of Title 26 of the Code of Federal Regulations (26 C.F.R. 1.6041-1) requires the recipients of \$600.00 or more to furnish their taxpayer information to the payer. In order to comply with these requirements, the District requires the Contractor to furnish the information requested in this section.

WORKERS' COMPENSATION CERTIFICATION

Labor Code Section 3700 in relevant part provides:

Every employer except the State shall secure the payment of compensation in one or more of the following ways:

- By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.

- By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing satisfactory proof to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to its employees.

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract.

Date: _____

Name of Consultant: _____

Signature: _____

Print Name and Title: _____

(In accordance with Article 5 – commencing at Section 1860, Chapter 1, part 7, Division 2 of the Labor Code, the above certificate must be signed and filed with the District prior to performing any Work under this Contract.)

EXHIBIT "A"
DESCRIPTION OF SERVICES TO BE PERFORMED BY CONSULTANT

- 1.1. Special Testing and Inspection services to verify compliance with the DSA approved plans and specifications for this project. Basic services will include, but are not necessarily limited to, the following:
 - 1.1.1.1. Provide all Material Testing and Special Inspections listed in DSA-103, for both DSA Project Numbers.
 - 1.1.1.2. Provide and coordinate onsite and offsite inspections and material testing and report to District, PM, CM and DSA Project Inspector.
 - 1.1.1.3. Provide semi-monthly reports to DSA, DSA PI, A/E, CM, PM and District
 - 1.1.1.4. Review progress of work as needed with the PI, A/E, CM, PM and District
 - 1.1.1.5. Review and provide input as needed for Requests for Information (RFI) and submittals
 - 1.1.1.6. Review and provide input as needed on proposed contractor change orders for any work with Material Testing and Special Inspection ramifications
 - 1.1.1.7. Provide monthly budget assessment for inspection services indicating current budget allocations, projected allocations, and remaining budget.
 - 1.1.1.8. Provide all necessary DSA closeout forms at the completion of the project, with copies to IOR, District, PM, CM and A/E

- 1.2. Consultant shall maintain such personal contact with the Project as is necessary to assure themselves of compliance, in every material respect, with the DSA-approved construction documents. Personal contact shall include visits to the project site by the Consultant or its qualified representative to observe construction.

EXHIBIT "B"
BILLING RATES

SCHEDULE OF FEES 2023P

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PROFESSIONAL SERVICES

PROFESSIONAL SERVICES

Principal Engineer / Geologist	\$ 225.00	per hour
Senior Engineer / Geologist	\$ 220.00	per hour
Senior Environmental Scientist	\$ 220.00	per hour
Project Engineer / Geologist	\$ 180.00	per hour
Project Environmental Scientist	\$ 180.00	per hour
Senior Staff Engineer / Geologist	\$ 165.00	per hour
Senior Staff Environmental Scientist	\$ 165.00	per hour
Staff Engineer / Geologist	\$ 155.00	per hour
Staff Environmental Scientist	\$ 155.00	per hour
Senior Environmental Technician	\$ 130.00	per hour
Senior / Supervising Technician	\$ 130.00	per hour
Draftsperson / GIS Technician	\$ 125.00	per hour
Administrative Assistant	\$ 95.00	per hour

FIELD INVESTIGATION TESTING

Seismic Refraction Survey	\$ 215.00	per hour
Thermal Resistivity Testing	\$ 215.00	per hour
Electrical Resistivity Survey	\$ 215.00	per hour
Hand Augering/Sampling - Engineer	\$ 190.00	per hour
Photoionization Detector	\$ 220.00	per hour
Rebar Location / GPR	\$ 345.00	per hour

LITIGATION

Data Review/Consultation	\$ 375.00	per hour
Depositions/Expert Witness Testimony	\$ 475.00	per hour

EXPENSES

Vehicle Charges (<i>Subject to periodic adjustment due to fuel cost</i>)	\$ 0.80	per mile
Subsistence	\$ 125.00	per day
Lodging	Cost	plus 20%
Services by Associate Firms and other outside services	Cost	plus 20%
Equipment rental, freight, special materials	Cost	plus 20%
Extra Report Copies		
Black and white versions	\$ 50.00	each
Color photography versions	\$ 65.00	each

PREMIUM CHARGES

Overtime and Saturdays	hourly rate plus 40	percent
Sunday and Holidays, and over 8 hrs on Saturday	hourly rate plus 75	percent

SHIFT DIFFERENTIAL

A 25 percent shift differential surcharge will be added to the hourly rate of personnel involved in scheduled testing work between the hours of 6 P.M. and 5 A.M., as well as a four hour minimum.

FIELD SERVICES

CONCRETE & REINFORCING STEEL

Ball Penetration (Kelly Ball)	\$ 150.00 /hr.
Batch Plant Inspection	\$ 125.00 /hr.
CaCl Moisture Emission Test Kit	\$ 45.00 /kit
CaCl Moisture Emission Testing	\$ 125.00 /hr.
CLSM/CDF/Slurry Testing	\$ 125.00 /hr.
Concrete Mix Design Review	\$ 220.00 /hr.
Concrete Placement Obs/Cast Cylinder	\$ 125.00 /hr.
Concrete Rebound Number Testing	\$ 150.00 /hr.
Concrete Trial Batch	\$ 125.00 /hr.
Floor Flatness Testing	\$ 150.00 /hr.
High Strength Grout Sampling / Testing	\$ 125.00 /hr.
Rebar / Post Tension Special Inspection	\$ 130.00 /hr.
Rebar Location / GPR	\$ 340.00 /hr.
Rebar Location / Pachometer	\$ 150.00 /hr.
Rebar Placement Inspection	\$ 130.00 /hr.
Reinforcing Steel Sampling/Tagging	\$ 125.00 /hr.
Relative Humidity Testing	\$ 150.00 /hr.
Shotcrete Special Inspection	\$ 125.00 /hr.
Transport Cylinders / Samples to Lab	\$ 125.00 /hr.

SOILS & ASPHALT CONCRETE

Asphalt Concrete Inspection / Testing	\$ 135.00 /hr.
Asphalt Concrete Materials Sampling	\$ 135.00 /hr.
Building Pad Special Inspection / Testing	\$ 135.00 /hr.
Deep Foundation Inspection	\$ 135.00 /hr.
Flatwork AB Inspection / Testing	\$ 135.00 /hr.
Flatwork Subgrade Inspection / Testing	\$ 135.00 /hr.
Grading Inspection / Testing	\$ 135.00 /hr.
Hand Augering and Sampling	\$ 135.00 /hr.
Pavement AB Inspection / Testing	\$ 135.00 /hr.
Pavement Subgrade Inspection / Testing	\$ 135.00 /hr.
Proof Rolling Observation	\$ 135.00 /hr.
Shallow Foundation Inspection	\$ 135.00 /hr.
Slab Subgrade Soil Moisture Tests	\$ 135.00 /hr.
Soil / Aggregate Sampling	\$ 135.00 /hr.
Soil Treatment Testing / Observation	\$ 135.00 /hr.
Structure Backfill Inspection / Testing	\$ 135.00 /hr.
Subgrade Stabilization Observation	\$ 135.00 /hr.
Utility Trench Backfill Testing	\$ 135.00 /hr.
WKA Drill Rig (including operator)	\$ 260.00 /hr.
WKA Drill Rig (helper)	\$ 135.00 /hr.

CORING

Coring (Technician + equipment)	\$ 150.00 /hr.
Coring (Technician assistant)	\$ 125.00 /hr.

SPECIALIZED SERVICES

Coefficient of Friction Testing	\$ 165.00 /hr.
Crack Monitoring	**
Epoxy / FRP Installation Inspection	\$ 125.00 /hr.
Existing Building Evaluation / Demo	\$ 125.00 /hr.
Existing Building Evaluation / Document	\$ 125.00 /hr.
Existing Building Evaluation / Repair	\$ 125.00 /hr.
Field Investigate Support	\$ 125.00 /hr.
Firestopping Inspection	\$ 140.00 /hr.
GFRC Inspection / Testing	\$ 125.00 /hr.
Glulam / Truss Fabrication Inspection	\$ 140.00 /hr.
Glulam / Truss Inspection Travel	\$ 100.00 /hr.
Meggar Ground Testing	\$ 155.00 /hr.
Prestress Framing Installation	\$ 125.00 /hr.
Proto Wall Inspection / Testing	\$ 125.00 /hr.
Roofing Inspection	\$ 125.00 /hr.
Shear Nailing Inspection	\$ 125.00 /hr.
Soil Elect. Resistivity Testing - Technician	\$ 165.00 /hr.
Thickness Testing - Coating / Steel	\$ 155.00 /hr.
Timber Framing / Hardware Inspection	\$ 125.00 /hr.
Timber-in-Structure Inspection	\$ 155.00 /hr.
Vapor Barrier Inspection	\$ 125.00 /hr.
Vibration Monitoring	**

POST-INSTALLED ANCHORS

Concrete Anchor Installation Inspection	\$ 130.00 /hr.
Concrete Anchor Proof Load Testing	\$ 150.00 /hr.
Concrete Anchor Torque Testing	\$ 130.00 /hr.
Suspended Ceiling Inspection / Testing	\$ 150.00 /hr.

STRUCTURAL STEEL

Fireproofing Special Inspection / Testing	\$ 130.00 /hr.
High Strength Bolt Skidmore Testing	\$ 150.00 /hr.
High Strength Bolt Special Inspection	\$ 130.00 /hr.
Material Identification	\$ 130.00 /hr.
Non-Destructive Testing - UT/MT/PT	\$ 150.00 /hr.
Tower Certified Special Inspector	\$ 150.00 /hr.
Welding Special Inspection - Field	\$ 130.00 /hr.
Welding Special Inspection - Shop	\$ 130.00 /hr.

MASONRY

In-Place Masonry Flatjack Testing	\$ 190.00 /hr.
In-Place Masonry Shear Testing	\$ 150.00 /hr.
Masonry Materials Sampling / Testing	\$ 130.00 /hr.
Masonry Special Inspection	\$ 130.00 /hr.
Masonry Special Inspection DSA Cert.	\$ 135.00 /hr.

GENERAL

Inspection / Testing Cancelled	*
Reinspection / Retesting	*
Stand-by Time	*

* Based on hourly rate of Inspection or Testing scheduled

** Based on Staff Classification

MINIMUM CHARGES

A two hour minimum charge will apply to field technician services with the following exceptions:

- a) Single trip pickup and delivery services, where a one hour minimum will apply.
- b) Saturday, Sunday and holidays, where a four hour minimum charge will apply.



LABORATORY SERVICES

ASPHALT CONCRETE (continued)

Theoretical Maximum Density	ASTM D2041, CTM 309, AASHTO T209	\$ 190.00	each
Thickness of AC Cores	ASTM D3549	\$ 32.00	each
Unit Weight of AC Cores	CTM 308, AASHTO T166/T275	\$ 75.00	each

CONCRETE

Compression Test, Concrete Cylinder	ASTM C39	\$ 32.00	each
Compression Test, Concrete Cylinder - Hold	ASTM C39	\$ 29.00	each
Compression Test, Concrete Core	ASTM C42, C39	\$ 90.00	each
Compression Test, Shotcrete Core	ASTM C42, C39	\$ 120.00	each
Compression Test, High Strength Grout	ASTM C1107/C109	\$ 50.00	each
Concrete Cylinder Mold		\$ 8.00	each
Density / Unit Weight of Concrete	ASTM C567, C642	\$ 120.00	each
Flexural Strength Test, Concrete Beam	ASTM C78	\$ 135.00	each
Laboratory Drying Shrinkage Test, per beam	ASTM C157, AASHTO T160	\$ 240.00	each
Splitting Tensile Test, Concrete Cylinder	ASTM C496	\$ 95.00	each
Compression Test, Lt. Wt. Insulating Concrete	ASTM C495	\$ 100.00	each

MASONRY

Brick			
Compression Test	ASTM C67	\$ 85.00	each
Modulus of Rupture	ASTM C67	\$ 90.00	each
Absorption	ASTM C67	\$ 100.00	each
Concrete Masonry Unit			
Compression Test	ASTM C140	\$ 100.00	each
Absorption & Moisture Content	ASTM C140	\$ 100.00	each
Linear Drying Shrinkage	ASTM C426	\$ 250.00	each
Compression Test, Composite Masonry Prism	ASTM C1314	\$ 170.00	each
Compression Test, Masonry Grout	ASTM C1019	\$ 55.00	each
Compression Test, Mortar	ASTM C780/C109	\$ 50.00	each
Core Shear Test	CBC Section 2105A	\$ 110.00	each

STEEL

Anchor Bolt Tensile Test	ASTM F606	\$ 130.00	each
Fireproofing Density Test	ASTM E605	\$ 115.00	each
High Strength Bolt Assembly Laboratory Testing			
Bolt - Wedge Tension Test	ASTM F606	\$ 100.00	each
Bolt - Proof Load Test	ASTM F606	\$ 100.00	each
Bolt - Hardness Test	ASTM E18	\$ 50.00	each
Nut - Proof Load Test	ASTM F606	\$ 100.00	each
Nut - Hardness Test	ASTM E18	\$ 50.00	each
Washer - Hardness Test	ASTM E18	\$ 50.00	each
Prestressing Steel Strand Tensile Test	ASTM A416/A1061	\$ 420.00	each
Reinforcing Steel (Rebar) Tensile Test			
Up to No. 7	ASTM A615, A706/A370	\$ 100.00	each
From No. 8 through No. 14	ASTM A615, A706/A370	\$ 130.00	each
Reinforcing Steel (Rebar) Bend Test	ASTM A615, A706/A370	\$ 55.00	each
Structural Steel Tensile Test			
Up to 3/4"	ASTM A370	\$ 115.00	each
Sizes Larger Than 3/4"	ASTM A370	\$ 125.00	each
Machining of Test Specimens		cost plus 20%	
Structural Steel Hardness Test	ASTM E18	\$ 90.00	each
Weld Assembly, Guided Bend/Macroetch/T-Bend Test	AWS D1.1, ASTM E190	\$ 90.00	per test
Welder Qualification Test Inspection		\$ 110.00	per hour
Welder Qualification Test Record		\$ 105.00	each
Laboratory Technician		\$ 110.00	per hour

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LABORATORY SERVICES

SOIL

Atterberg Limits (LL/PI) - Wet Method	ASTM D4318	\$ 185.00	each
CLSM/CDF/Soil Cement Compression Test	ASTM D4832	\$ 70.00	each
Compaction Characteristics	ASTM D698	\$ 295.00	each
Compaction Characteristics	ASTM D1557	\$ 295.00	each
Compaction Characteristics	CTM 216	\$ 295.00	each
Consolidation (8 loads + 1 rebound)	ASTM D2435	\$ 560.00	each
Consolidation (additional loads)	ASTM D2435	\$ 90.00	each
Expansion Index	ASTM D4829	\$ 225.00	each
Hydraulic Conductivity, Flexible Wall Permeability	ASTM D5084	\$ 470.00	each
Lime-Treated Unconfined Compression	CTM 373	\$ 895.00	each
Moisture Content	ASTM D2216	\$ 48.00	each
Organic Content	ASTM D2974	\$ 115.00	each
Particle-Size Distribution - Hydrometer	ASTM D7928	\$ 195.00	each
Particle-Size Distribution - Sieve Analysis	ASTM D6913	\$ 130.00	each
Resistance "R" Value - Laboratory Lime-Treated	ASTM D2844, CTM 301	\$ 355.00	each
Resistance "R" Value - Untreated	ASTM D2844, CTM 301	\$ 310.00	each
Sieve Analysis - Passing No. 200 only	ASTM D1140	\$ 110.00	each
Specific Gravity of Soils	ASTM D854	\$ 160.00	each
Thermal Resistivity	ASTM D5334	\$ 90.00	each
Triaxial Compression Test, 1 point - Remolded	ASTM D4767	\$ 380.00	each
Triaxial Compression Test, 1 point - Undisturbed	ASTM D4767	\$ 295.00	each
Triaxial Compression Test, 3 Pt. Staged - Remolded	ASTM D4767	\$ 465.00	each
Triaxial Compression Test, 3 Pt. Staged - Undisturbed	ASTM D4767	\$ 360.00	each
Unconfined Compression Test	ASTM D2166	\$ 130.00	each
Unit Weight/Moisture Content - Tube Sample	ASTM D2937/D2216	\$ 48.00	each

AGGREGATE

Aggregate Unit Weight	ASTM C29	\$ 70.00	each
Clay Lumps and Friable Particles	ASTM C142	\$ 180.00	per size
Cleanness Value	CTM 227	\$ 195.00	each
Correction of Unit Weight & Water Content for Oversize Particles	ASTM D4718	\$ 135.00	each
Durability Index (Coarse or Fine)	CTM 229	\$ 190.00	each
Flat and Elongated Particles in Coarse Aggregate	ASTM D4791	\$ 140.00	per size
Fractured/Crushed Particles	ASTM D5821, CTM 205, AASHTO T335	\$ 140.00	per size
Organic Impurities in Fine Aggregates	ASTM C40	\$ 75.00	each
Resistance "R" Value - Aggregate	CTM 301	\$ 355.00	each
Sand Equivalent, 1 point	CTM 217, AASHTO T176	\$ 125.00	each
Sand Equivalent, 3 points	CTM 217, AASHTO T176	\$ 160.00	each
Sieve Analysis - Coarse or Fine	ASTM C136, CTM 202, AASHTO T27	\$ 130.00	each
Sieve Analysis - Passing No. 200 only	ASTM C117, AASHTO T11	\$ 110.00	each
Sodium Sulfate Soundness	ASTM C88, CTM 214	\$ 190.00	per size
Specific Gravity and Absorption (Coarse or Fine)	ASTM C127, C128	\$ 145.00	each

ASPHALT CONCRETE

Asphalt Content (Ignition Oven)	CTM 382, AASHTO T308	\$ 300.00	each
Asphalt Content Correction Factor Development	CTM 382, AASHTO T308	\$ 590.00	each
Hveem Compaction, Unit Weight, and Stability	ASTM D1560/D2726		
	CTM 304/308, AASHTO T166	\$ 385.00	set of 3
Laboratory Test Maximum Density (LTMD), 5 points	CTM 375	\$ 405.00	each
Moisture Content of Asphalt Mixtures	CTM 370, AASHTO T329	\$ 90.00	each
Sieve Analysis of AC Aggregate (Coarse and Fine)	ASTM D5444, CTM 202, AASHTO T30	\$ 200.00	each