Universal Engineering Sciences
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West Sacramento, CA 95691
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March 22, 2024

Mr. James W. Bridges, Ed.D.
Superintendent
Jefferson School District
1219 Whispering Wind
Tracy, California 95377

Revised Proposal to Finalize the Draft Preliminary Endangerment Assessment and Obtain a No Further Action Determination Letter from Department of Toxic Substances Control
ELLIS SITE – PROPOSED ELLIS ELEMENTARY SCHOOL SITE
Tracy, California
UES Proposal No. 4740.0224.00004

Universal Engineering Sciences (UES), formerly Wallace-Kuhl & Associates, prepared this proposal to describe activities to finalize the Draft Preliminary Endangerment Assessment (PEA) Report, dated August 3, 2017, prepared for Ellis Site - Proposed Ellis Elementary School Site (herein referred to as Proposed School Site) and obtain a No Further Action Determination letter from Department of Toxic Substances Control (DTSC) for Jefferson School District (District). The Proposed School Site is located north-northeast of the intersection of Railroad Avenue and Ellis Town Drive in Tracy, California.

The objective of the PEA was to assess soil and soil gas for chemicals of concern (COCs) at the Proposed School Site which may have impacted the Site as a result of historical Site activities and provide a professional opinion as to whether reported COCs pose an unacceptable health risk to human health or the environment. The COCs in Site soil and soil gas associated with the former agricultural land uses (irrigated row crops and almond orchard), agricultural run-off drainage into the detention basin, and the former Shell crude oil pipeline are listed below.

- Organochlorine pesticides (OCPs)
- Total arsenic
- Total lead
- Five waste oil metals
- Total petroleum hydrocarbons (TPH) C6-C44 range
- Polycyclic aromatic hydrocarbons (PAHs)
- Volatile organic compounds (VOCs)
- CAM 17 metals

Scope of Services

The activities associated with finalizing the draft PEA Report and obtaining a No Further Action Determination letter from DTSC are summarized below.

- Provide project communication via telephone, and email correspondence, and attend meetings as necessary;
- Review and reports prepared by GHD for Proposed Ellis School Site and include a summary of the GHD reports in the final draft PEA Report;
    - *Site Investigation Report - Proposed Ellis School*, dated September 28, 2018;
    - *Site Investigation Report – Proposed Ellis School*, dated August 9, 2019;
    - *Soil Management and Excavation Report - Proposed Ellis School,* dated February 20, 2020;
    - *Import Fill Report – Proposed Ellis School,* dated November3, 2023; and,
    - *Remedial Excavation Report – Former Shell Central Valley Crude Oil Pipeline, Proposed Ellis School Site, Ellis Ranch – South Lammers Road,* dated February 22, 2024/
- Summarize UES' *Soil Gas Sampling Probe Destruction Report*, dated June 5, 2023, in the final draft PEA Report.

<u>Finalize Draft PEA Report</u>

Following review of the reports prepared by GHD, UES will finalize the draft PEA Report. The draft PEA report will include a summary of the site activities, findings, and conclusions discussed in the GHD reports listed above, a summary of the Soil Gas Sampling Probe Destruction Report, will include figures illustrating soil and soil gas sample locations, a summary of sampling procedures and observations, tables summarizing analytical data, a copy of the laboratory analytical report and chain-of-custody document, findings, cumulative screening level risk analysis, conclusions and our professional opinions regarding the presented data, and recommendations.

UES will submit the draft PEA Report to DTSC for review. UES will respond to DTSC' comments on the draft PEA report and revise the final draft PEA Report.

UES will assist the District with activities associated with the 30-day Public Comment Period for the draft PEA Report. The activities are listed below.

- Prepare a Notice of Availability and Public Hearing for the draft PEA Report;
- Pay the advertisement fee and place an Ad in the local newspaper to notify the public of a Notice of Availability and Public Hearing for the draft PEA Report;
- Provide DTSC with Proof of Publication;

- Provide Jefferson School District with a copy of the draft PEA for public review and comment at a scheduled Jefferson School District Board meeting; and,
- Deposit the draft PEA at the nearest public library to provide public access for review.

UES will submit a final PEA Report upon DTSC's approval of the draft PEA Report. The PEA report will include a recommendation for a No Further Action Determination from DTSC.

Fee Estimate

Our compensation for the above scope of services will be on a time and expense reimbursement basis in accordance with our current Schedule of Fees, which is attached. UES estimated the budget for the Scope of Services outlined in this proposal to be **$8,250**.

The cost estimate for the proposed scope of services is presented in Table 1 below.

Table 1 - Estimated Project Budget

Activity	**Fee**
UES Labor	$6,975
Local Newspaper Advertisement Fee Estimate	$1,200
Reimbursables (materials and mileage)	$75
Total	**$8,250**

Authorization

Our agreement for this work is attached to this proposal. If this proposal is acceptable, please sign the agreement and return it to us as our written authorization to proceed or issue a purchase order. We will return you a fully executed copy of the agreement for your files.

All work will be performed under the supervision of a California Professional Engineer of Geologist in accordance with current state and local guidelines. If unanticipated conditions are encountered, any changes necessary will be mutually agreed upon by UES and you before implementation.

We will perform our services in a manner consistent with the standards of care and skill exercised by members of the environmental profession at the time the services will be performed. Our proposal is valid for 60 days.

We appreciate the opportunity to assist you with this project. Should you have questions about the above scope of services, or if you need additional information, please do not hesitate to contact me at (916) 372-1434.

Universal Engineering Sciences (UES)

Matthew A. Taylor
Project Manager

Attachments: UES General Conditions
2024P Schedule of Fees

RIVER CITY GEOPROFESSIONALS, INC., D/B/A "UES"
GENERAL CONDITIONS

SECTION 1: RESPONSIBILITIES

1.1 River City Geoprofessionals, Inc., (d/b/a "UES") is responsible for providing the services described under the Scope of Services.

1.2 The Client is responsible for providing UES with a clear understanding of the project's nature and scope. The Client shall supply UES with sufficient and adequate information, including, but not limited to, maps, site plans, reports, surveys, plans and specifications, and designs, to allow UES to properly complete the specified services. The Client shall also communicate changes in the nature and scope of the project as soon as possible during performance of the work so that the changes can be incorporated into the work product.

1.3 The Client acknowledges that UES's responsibilities in providing the services described under the Scope of Services section is limited to those services described therein, and the Client hereby assumes any collateral or affiliated duties necessitated by or for those services. Such duties may include, but are not limited to, reporting requirements imposed by any third party such as federal, state, or local entities, the provision of any required notices to any third party, or the securing of necessary permits or permissions from any third parties required for UES's provision of the services so described, unless otherwise agreed upon by both parties in writing.

SECTION 2: STANDARD OF CARE

2.1 Services performed by UES under this Agreement will be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of UES's profession practicing contemporaneously under similar conditions in the locality of the project. No other warranty, express or implied, is made by UES hereunder.

2.2 Execution and delivery of this Agreement by UES is not a representation that UES has visited the site, become generally familiar with local conditions under which the work is to be performed, or correlated personal observations with the requirements of the Scope of Services. It is the Client's responsibility to provide UES with all information necessary for UES to provide the services described under the Scope of Services, and the Client assumes all liability for information not provided to UES that may affect the quality or sufficiency of the services so described.

SECTION 3: SITE ACCESS AND SITE CONDITIONS

3.1 Client will grant or obtain free access to the site for all equipment and personnel necessary for UES to perform the work set forth in this Agreement. The Client will notify any possessors of the project site that Client has granted UES free access to the site. UES will take reasonable precautions to minimize damage to the site, but it is understood by Client that, in the normal course of work, some damage may occur, and the correction of such damage is not part of this Agreement unless so specified in the Scope of Services.

3.2 The Client is responsible for the accuracy of locations for all subterranean structures and utilities. UES will take reasonable precautions to avoid known subterranean structures, and the Client waives any claim against UES, and agrees to defend, indemnify, and hold UES harmless from any claim or liability for injury or loss, including costs of defense, arising from damage done to subterranean structures and utilities not identified or accurately located. In addition, Client agrees to compensate UES for any time spent or expenses incurred by UES in defense of any such claim with compensation to be based upon UES's prevailing fee schedule and expense reimbursement policy.

SECTION 4: BILLING AND PAYMENT

4.1 UES will submit invoices to Client monthly or upon completion of services. Invoices will show charges for different personnel and expense classifications.

4.2 Payment is due 30 days after presentation of invoice and is past due 31 days from invoice date. Client agrees to pay a finance charge of one and one-half percent (1 ½ %) per month, or the maximum rate allowed by law, on past due accounts.

4.3 If UES incurs any expenses to collect overdue billings on invoices, the sums paid by UES for reasonable attorneys' fees, court costs, UES's time, UES's expenses, and interest will be due and owing by the Client.

SECTION 5: OWNERSHIP AND USE OF DOCUMENTS

5.1 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, as instruments of service, shall remain the property of UES. Neither Client nor any other entity shall change or modify UES's instruments of service.

5.2 Client agrees that all reports and other work furnished to the Client or his agents, which are not paid for, will be returned upon demand and will not be used by the Client for any purpose.

5.3 UES will retain all pertinent records relating to the services performed for a period of "five years or such longer period" of time required by applicable accrediting agency, unless specified in the scope of services following submission of the report or completion of the Scope of Services, during which period the records will be made available to the Client in a reasonable time and manner.

5.4 All reports, boring logs, field data, field notes, laboratory test data, calculations, estimates, and other documents prepared by UES, are prepared for the sole and exclusive use of Client, and may not be given to any other entity, or used or relied upon by any other entity, without the express written consent of UES. Client is the only entity to which UES owes any duty or duties, in contract or tort, pursuant to or under this Agreement.

SECTION 6: DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS

6.1 Client represents that a reasonable effort has been made to inform UES of known or suspected hazardous materials on or near the project site.

6.2 Under this agreement, the term hazardous materials include hazardous materials, hazardous wastes, hazardous substances (40 CFR 261.31, 261.32, 261.33), petroleum products, polychlorinated biphenyls, asbestos, and any other material defined by the U.S. EPA as a hazardous material.

6.3 Hazardous materials may exist at a site where there is no reason to believe they are present. The discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work. The discovery of unanticipated hazardous materials may make it necessary for UES to take immediate measures to protect health and safety. Client agrees to compensate UES for any equipment decontamination or other costs incident to the discovery of unanticipated hazardous materials.

6.4 UES will notify Client when unanticipated hazardous materials or suspected hazardous materials are encountered. Client will make any disclosures required by law to the appropriate governing agencies. Client will hold UES harmless for all consequences of disclosures made by UES which are required by governing law. In the event the project site is not owned by Client, Client it is the Client's responsibility to inform the property owner of the discovery of unanticipated hazardous materials or suspected hazardous materials.

6.5 Notwithstanding any other provision of this Agreement to the contrary, Client waives any claim against UES, and to the maximum extent permitted by law, agrees to defend, indemnify, and save UES harmless from any claim, liability, and/or defense costs for injury or loss arising from UES's discovery of unanticipated hazardous materials or suspected hazardous materials including any costs created by delay of the project and any cost associated with possible reduction of the property's value. Client will be responsible for ultimate disposal of any samples secured by UES which are found to be contaminated.

SECTION 7: RISK ALLOCATION

7.1 Subject to the balance of this Section 7.1, Client agrees that UES's liabilities, losses, damages, fees, costs, and expenses (including attorneys' fees) (collectively, "Liability") arising from any claim on account of any breach of contract, error, omission, or professional negligence will be limited to a sum not to exceed $50,000 or UES's fee, whichever is greater (the "Liability Cap"). If Client prefers to have a higher Liability Cap, UES agrees to increase the Liability Cap to $1,000,000.00 upon Client's written request at the time of accepting UES's proposal, provided that Client agrees to pay an additional consideration of one percent of the total fee, or $1,000.00, whichever is greater. If Client prefers a $2,000,000.00 Liability Cap, UES agrees to increase the Liability Cap to $2,000,000.00 upon Client's written request at the time of accepting UES's proposal, provided that Client agrees to pay an additional consideration of one percent of the total fee, or $2,000.00, whichever is greater. The additional charge for the higher Liability Cap is because of the greater risk assumed and is not strictly a charge for additional professional liability insurance.

7.2 Client shall not be liable to UES, and UES shall not be liable to Client for any punitive, incidental, special, or consequential damages (including lost profits, loss of use, and lost savings) incurred by either party due to the fault of the other, regardless of the nature of the fault, or whether it was committed by Client or UES, their employees, agents, or subcontractors; or whether such liability arises in breach of contract or warranty, tort (including negligence), statutory, or any other cause of action.

7.3 As used in this Agreement, the terms "claim" or "claims" mean any claim in contract, tort, or statute alleging negligence, errors, omissions, strict liability, statutory liability, breach of contract, breach of warranty, negligent misrepresentation, or any other act giving rise to Liability.

SECTION 8: INSURANCE

8.1 UES represents that it and its agents, staff and consultants employed or retained by UES, is and are protected by worker's compensation insurance, and that UES has such coverage under public liability and property damage insurance policies which UES deems to be adequate. Certificates for all such policies of insurance shall be provided to Client upon request in writing. Within the limits and conditions of such insurance, UES agrees to indemnify and save Client harmless from and all Liabilities arising from negligent acts by UES, its agents, staff, and consultants employed by it. UES shall not be responsible for Liabilities beyond the amounts, limits, and conditions of such insurance or the limits described in Section 7, whichever is less. The Client agrees to defend, indemnify, and save UES harmless from all Liabilities arising from acts by Client, Client's agents, staff, and others employed by Client.

8.2 Under no circumstances will UES indemnify Client from or for Client's own actions, negligence, or breaches of contract.

8.3 To the extent that damages are covered by property insurance, Client and UES waive all rights against each other and against the contractors, consultants, agents, and employees of the other for damages, except such rights as they may have to the proceeds of such insurance.

SECTION 9: DISPUTE RESOLUTION

9.1 All claims, disputes, and other matters in controversy between UES and Client arising out of or in any way related to this Agreement will be submitted to mediation, before and as a condition precedent to seeking other remedies provided by law.

9.2 If a dispute arises and that dispute is not resolved by mediation , then: (a) the claim will be brought in the state or federal courts having jurisdiction where the UES office which provided the service is located; and (b) the prevailing party will be entitled to recovery of all reasonable out of pocket fees, costs and expenses incurred by such party, including court costs, attorneys' fees, expert witness fees, and other claim related expenses.

SECTION 10: TERMINATION

10.1 This Agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof, or in the case of a force majeure event such as terrorism, act of war, public health or other emergency. Such termination shall not be effective if such substantial failure or force majeure has been remedied before expiration of the period specified in the written notice. In the event of termination, UES shall be paid for services performed to the termination notice date plus reasonable out of pocket termination expenses incurred or paid by UES in connection with such termination.

10.2 In the event of termination, or suspension for more than three (3) months, prior to completion of all reports contemplated by this Agreement, UES may complete such analyses and records as are necessary to complete its files and may also complete a report on the services performed to the date of notice of termination or suspension. The expense of termination or suspension shall include all direct out of pocket costs incurred or paid by UES in completing such analyses, records, and reports.

SECTION 11: REVIEWS, SPECIAL INSPECTIONS, TESTING AND OBSERVATIONS

11.1 Plan review and building inspections are performed for the purpose of observing compliance with applicable building codes. Construction materials testing ("CMT") and Special Inspections are performed to document compliance of certain materials or components with applicable testing standards. UES's performance of plan reviews, Special inspections, building inspections, , or CMT, or UES's presence on the site of Client's project while performing any of the foregoing activities, is not a representation or warranty by UES that Client's project is free of errors in either design or construction.

11.2 If UES is retained to provide construction monitoring or observation, UES will report to Client any observed work which, in UES's opinion, does not conform to the plans and specifications provided to UES. UES shall have no authority to reject or terminate the work of any agent or contractor of Client. No action, statements, or communications of UES, or UES's site representative, can be construed as modifying any agreement between Client and others. UES's performance of construction monitoring or observation is not a representation or warranty by UES that Client's project is free of errors in either design or construction.

11.3 Neither the activities of UES pursuant to this Agreement, nor the presence of UES or its employees, representatives, or subcontractors on the project site, shall be construed to impose upon UES any responsibility for means or methods of work performance, superintendence, sequencing of construction, or safety conditions at the project site. Client acknowledges that Client or its contractor is solely responsible for project jobsite safety.

11.4 Client is responsible for scheduling all inspections and CMT activities of UES. All testing and inspection services will be performed on a will-call basis. UES will not be responsible for tests and inspections that are not performed due to Client's failure to schedule UES's services on the project, or for any claims or damages arising from tests and inspections that are not scheduled or performed.

SECTION 12: ENVIRONMENTAL ASSESSMENTS

12.1 Client acknowledges that an Environmental Site Assessment ("ESA") is conducted solely to permit UES to render a professional opinion about the likelihood or extent of regulated contaminants being present on, in, or beneath the site in question at the time services were conducted. No matter how thorough an ESA study may be, findings derived from the study are limited and UES cannot know or state for a fact that a site is unaffected by reportable quantities of regulated contaminants as a result of conducting the ESA study. Even if UES states that reportable quantities of regulated contaminants are not present, Client still bears the risk that such contaminants may be present or may migrate to the site after the ESA study is complete.

SECTION 13: SUBSURFACE EXPLORATIONS

13.1 Client acknowledges that subsurface conditions may vary from those observed at locations where borings, surveys, samples, or other explorations are made, and that site conditions may change with time. Data, interpretations, and

recommendations by UES will be based solely on information available to UES at the time of service. UES is responsible for those data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed or provided by UES.

13.2 Subsurface explorations may result in unavoidable cross-contamination of certain subsurface areas, as when a probe or boring device moves through a contaminated zone and links it to an aquifer, underground stream, or other hydrous body not previously contaminated. UES is unable to eliminate totally cross-contamination risk despite use of due care. Since subsurface explorations may be an essential element of UES's services indicated herein, Client shall, to the fullest extent permitted by law, waive any claim against UES, and indemnify, defend, and hold UES harmless from any claim or Liability arising from cross-contamination allegedly caused by UES's subsurface explorations. In addition, Client agrees to compensate UES for any time spent or expenses incurred by UES in defense of any such claim with compensation to be based upon UES's prevailing fee schedule and expense reimbursement policy.

SECTION 14: SOLICITATION OF EMPLOYEES

14.1 Client agrees not to solicit for hire any of UES's employees with which Client had contact during the term of this Agreement for a one-year period following the expiration date or termination date of this Agreement (the "Post-Term Period") except through UES. If Client hires any such UES employee during the Post-Term Period, Client shall within five business days following written demand therefor from UES, pay UES an amount equal to one-half of the employee's then effective annualized salary, as liquidated damages.

SECTION 15: ASSIGNS

15.1 Neither Client nor UES may assign this Agreement or assign or delegate any of its rights or obligations hereunder without the prior written consent of the other party.

SECTION 16: GOVERNING LAW AND SURVIVAL

16.1 This Agreement shall be governed by and construed in accordance with the laws of the jurisdiction in which the UES office performing the services hereunder is located.

16.2 If any of the provisions of this Agreement is held by a court of competent jurisdiction to be illegal, invalid, or unenforceable, the enforceability of the remaining provisions will not be impaired and will survive. Limitations of liability and indemnities will survive termination of this Agreement for any cause.

SECTION 17: INTEGRATION CLAUSE

17.1 This Agreement represents and contains the entire and only agreement and understanding among the parties with respect to the subject matter of this Agreement and supersedes any and all prior and contemporaneous oral and written agreements, understandings, representations, inducements, promises, warranties, and conditions among the parties. No agreement, understanding, representation, inducement, promise, warranty, or condition of any kind with respect to the subject matter of this Agreement shall be relied upon by the parties unless expressly set forth herein.

17.2 This Agreement may not be amended or modified except by an agreement in writing signed by the party against whom the enforcement of any modification or amendment is sought.

SECTION 18: WAIVER OF JURY TRIAL

18.1 To the extent permitted by applicable law, Client and UES hereby waive trial by jury in any action arising out of or related to this Agreement.

CLIENT APPROVAL

UES offers the Client the Proposal as listed above. Client may accept UES's offer by signing in the space provided below and returning a signed copy to UES. Such notification may be faxed or by emailing the signed general conditions. In the event the Client authorizes work without returning a signed copy, the Client agrees to be bound by the general conditions as stated herein. The proposal presented has been read, understood, and accepted by the Client effective as of the date that the executed proposal is returned to UES.

EXECUTED BY CLIENT'S AUTHORIZED REPRESENTATIVE:_____ (signature)

Printed Name: James W. Bridges Title: Superintendent

Date Accepted: April 9, 2024

Client Business Name: Jefferson School District

Billing Address: 1219 Whispering Wind Drive, Tracy, CA 95377

Telephone: 209-836-3388 E-mail: jbridges@jsdtracy.com

ACCOUNTS PAYABLE INFORMATION

A/P Contact Name: Celli Coeville

A/P Contact Telephone: 209-836-3395 *A/P Contact E-Mail: accountspayable@jsdtracy.com

* A/P Contact E-Mail must be provided before the UES can proceed with its proposed services

UES
3050 W Industrial Boulevard
West Sacramento, CA 95691

SCHEDULE OF FEES 2024P

FIELD SERVICES

SOILS & ASPHALT

ICC Certified Soils Inspector	$ 135.00	/hr.
Soils / Asphalt Technician	$ 130.00	/hr.
Earthwork and Grading	$ 130.00	/hr.
Excavation Backfill	$ 130.00	/hr.
Sample Pick-up	$ 120.00	/hr.

POST-INSTALLED ANCHORS

Concrete Anchor Installation Inspection	$ 125.00	/hr.
Concrete Anchor Proof Load Testing	$ 125.00	/hr.
Concrete Anchor Torque Testing	$ 125.00	/hr.
Suspended Ceiling Inspection / Testing	$ 125.00	/hr.

MASONRY

ACI Concrete Technician	$ 125.00	/hr.
ICC Certified Structural Inspector	$ 140.00	/hr.
Masonry Special Inspection DSA Cert.	$ 150.00	/hr.
Sample Pick-up	$ 120.00	/hr.

STRUCTURAL STEEL

AWS / CWI	$ 145.00	/hr.
NDT LEVEL 2 UT / MT / PT	$ 150.00	/hr.
ICC Certified Structural Inspector	$ 140.00	/hr.

CONCRETE & REINFORCING STEEL

ACI Concrete Technician	$ 125.00	/hr.
ICC Certified Structural Inspector	$ 140.00	/hr.
DSA Shotcrete Inspection	$ 150.00	/hr.
Sample Pick-up / Cylinder Pick-up	$ 120.00	/hr.

OTHER SERVICES

Coring	$ 150.00	/hr.
Firestopping Inspection	$ 140.00	/hr.
Glulam / Truss Fabrication (Shop)	$ 140.00	/hr.
Glulam / Timber in Structure	$ 155.00	/hr.
Megger Ground Testing	$ 155.00	/hr.
Wood Framing & Shear Wall	$ 140.00	/hr.
Roofing Membrane	$ 125.00	/hr.
Crack Monitoring		**
Vibration Monitoring		**

FIELD INVESTIGATION TESTING

Seismic Refraction Survey	$ 215.00	/hr.
Thermal Resistivity Testing	$ 215.00	/hr.
Electrical Resistivity Survey	$ 215.00	/hr.
Photoionization Detector	$ 220.00	/hr.

PROFESSIONAL SERVICES

Principal Engineer / Geologist	$ 225.00	/hr.
Senior Engineer / Geologist	$ 220.00	/hr.
Project Engineer / Geologist	$ 180.00	/hr.
Staff Engineer / Geologist	$ 155.00	/hr.
QC Manager	$ 160.00	/hr.
Project Manager	$ 160.00	/hr.
Expert Witness	$ 475.00	/hr.
Project Administrator	$ 95.00	/hr.

GENERAL

Per Diem / Lodging	Cost plus 20%
Subcontractors	Cost plus 20%
Equipment rental	Cost plus 20%
Overtime and Saturdays	1.5x hourly rate
Sunday and Holidays, and over 8 hrs. on Saturday	2x hourly rate
Expedited / Rush Charge (Less than 24 hours notice)	1.5x hourly rate
Stand-By Time	* see below
Cancellation	* see below
Reinspection / Retesting	* see below

SHIFT DIFFERENTIAL

Shift differential surcharge will be added to the hourly rate of personnel involved in scheduled inspection or testing work between the hours of 9 P.M. and 5 A.M. — 1.5x hourly rate

** Based on hourly rate of Inspection or Testing scheduled*

*** Based on Staff Classification*

MINIMUM CHARGES

– All field services are billed portal to portal.

– Field services are billed in 4-hour and 8-hour increments.

LABORATORY SERVICES

SOIL

Atterberg Limits (LL/PI) - Wet Method	ASTM D4318	$ 185.00	each
Soil Cement Compression Test	ASTM D4832	$ 130.00	each
Standard Proctor	ASTM D698	$ 300.00	each
Modified Proctor	ASTM D1557	$ 350.00	each
Proctor	CTM 216	$ 350.00	each
Consolidation (8 loads + 1 rebound)	ASTM D2435	$ 560.00	each
Expansion Index	ASTM D4829	$ 225.00	each
Hydraulic Conductivity, Flexible Wall Permeability	ASTM D5084	$ 600.00	each
Lime - Treated Unconfined Compression	CTM 373	$ 895.00	each
Organic Content	ASTM D2974	$ 115.00	each
Hydrometer	ASTM D7928	$ 195.00	each
Sieve Analysis	ASTM D6913	$ 150.00	each
Resistance "R" Value	ASTM D2844, CTM 301	$ 450.00	each
Sieve Analysis - Passing No. 200 only	ASTM D1140	$ 110.00	each
Specific Gravity of Soils	ASTM D854	$ 180.00	each
Thermal Resistivity	ASTM D5334	$ 90.00	each
Triaxial Compression Test - C/U	ASTM D4767	$ 480.00	point
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
Unit Weight Correction	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	$ 450.00	each
Sand Equivalent	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
LA Abrasion	ASTM C131, AASHTO T96, CTM 211	$ 350.00	each

ASPHALT

Asphalt Content (Ignition Oven)	CTM 382, AASHTO T308	$ 300.00	each
Asphalt Content Correction Factor	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)	CTM 375	$ 405.00	each
Moisture Content of Asphalt Mixtures	CTM 370, AASHTO T329	$ 90.00	each
Theoretical Maximum Density	ASTM D2041, CTM 309, AASHTO T209	$ 190.00	each
Thickness of AC Cores	ASTM D3549	$ 30.00	each
Unit Weight of AC Cores	CTM 308, AASHTO T166 / T275	$ 75.00	each

SCHEDULE OF FEES 2024P

LABORATORY SERVICES

CONCRETE

Compression Test, Concrete Cylinder	ASTM C39	$ 30.00	each
Compression Test, Concrete Core	ASTM C42, C39	$ 90.00	each
Compression Test, Shotcrete Core	ASTM C42, C39	$ 150.00	each
Compression Test	ASTM C1107 / C109	$ 50.00	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	ASTM C157, AASHTO T160	$ 240.00	each
Controlled Low Strength Material (CLSM)	ASTM D4832	$ 130.00	each

MASONRY

Brick			
Compression Test	ASTM C67	$ 85.00	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	$ 75.00	each
Core Shear Test	CBC Section 2105A	$ 250.00	each

STEEL

Anchor Bolt Tensile Test	ASTM F606	$ 200.00	each
Fireproofing Density Test	ASTM E605	$ 115.00	each
High Strength Bolt Assembly Laboratory Testing	ASTM F606, E18	$ 500.00	assembly
Bolt - Wedge Tension Test	ASTM F606	$ 125.00	each
Bolt - Proof Load Test	ASTM F606	$ 125.00	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
Tendon Tensile Test	ASTM A416 / A1061	$ 420.00	each
Reinforcing Steel (Rebar) Tensile Test	ASTM A615, A706 / A370	$ 130.00	each
Reinforcing Steel (Rebar) Bend Test - Up to No. 8	ASTM A615, A706 / A370	$ 55.00	each
Structural Steel Tensile Test	ASTM A370	$ 125.00	each
Machining of Test Specimens		Cost plus 20%	
Structural Steel Hardness Test	ASTM E18	$ 90.00	each