



GeoTek, Inc.

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June 17, 2024

Proposal No. P-0600324-SD

Razaghi Development Company

13835 North Tatum Blvd, Suite 9-221
Phoenix, AZ 85032

Attention: Mr. Ahmad Razaghi

Subject: Proposal for a Preliminary Geotechnical Evaluation
Proposed Two-Story Single-Family Structure
15157 Huntington Court
Poway, California

Dear Mr. Razaghi,

As requested, we are pleased to submit this proposal for a preliminary geotechnical evaluation for the subject improvements. This proposal is based on an e-mail correspondence with Bill Yen & Associates, a review of satellite imagery photos and published geologic maps, a preliminary site plan provided by you, and our experience in the area. The subject site is located within the property addressed 15157 Huntington Court, Poway CA 92064. The current condition of the property is undeveloped and on gently sloping terrain. The subject site is bounded to the north and south by residential property, to the east by Espola Road, and to the west by Huntington Court.

Based on a site plan provided by you, the proposed improvements consist of construction of a new, approximately 3,700 square-foot 2-story residence as well as an attached 3-car garage. Proposed improvements also include a 6-feet high sound wall and 6-feet high retaining wall located east of the main proposed residence.

Based on a preliminary review of current geologic maps, the subject site is not located in a Special Study Fault Zone or an Aquist-Priolo Earthquake Fault Zone. The site is anticipated to be underlain by tonalite.

COST ESTIMATE AND SCOPE OF WORK

Our scope of work is limited to the proposed single-family structure and associated construction. Specifically, our scope of work is outlined below and on the enclosed fee estimate table.

Task	Task Description	Cost
1	Excavate, log and sample a total of 2 exploratory borings with a manual hand auger to a maximum depth of approximately five feet, or practical refusal.	\$2,268
2	Perform laboratory testing on bulk and undisturbed ring samples collected from the exploratory borings. The laboratory testing will likely include Expansion Index, Direct Shear, Maximum Density, and Sulfate Content testing.	\$1,198
3	Prepare a report presenting the results of the limited geotechnical evaluation for the project.	\$1,683
	Total =	\$5,149

Our preliminary geotechnical evaluation report will address our findings, conclusions, and recommendations for a preliminary design phase of the subject project.

Access for our field evaluation will be coordinated through you on a normal work day (Monday-Friday, 7am – 4pm). Our field explorations will be performed at locations accessible by the field equipment discussed herein. Prior to performing the field investigation, a representative of GeoTek will stake or spray paint the proposed exploration locations. Prior to conducting the field exploration, GeoTek will contact Underground Service Alert (USA) to identify buried utilities that may be in the vicinity of the proposed exploration locations. This service does not mark locations of privately owned utilities. A local private utility locator has not been included in the costs of this proposal but could be contracted if desired to identify possible private utilities within the proposed area of work which would not be marked by the public utility locator. Regardless of the use of a private utility locator, GeoTek will not be responsible for damage to unmarked subsurface structures or appurtenances as a result of the field activities. The cost of the private utility locator can be provided later if desired.

The cost of our services as described above and based on the assumed time frames is **\$5,149** and based on a fixed fee, not to exceed fee schedule.

The scope of work presented is to perform a preliminary geotechnical evaluation on the property assumed to be previously approved by the governing agency. In some cases, a supplemental evaluation is requested by the governing agency. In our experience and based on the project site, work presented herein is anticipated to be accepted by the governing agency, however GeoTek cannot guarantee supplemental work will not be requested by the governing agency. If supplemental evaluation is required, a new scope of work can be prepared for an additional fee.

CLOSURE

Services outside those outlined in this proposal that are requested and authorized by the client or his representative will be invoiced at our prevailing hourly rates. Such services may, for example, include materials testing and inspection services, additional inspections beyond the estimated days shown in attached tables, meetings, or response letters to jurisdictional review comments. Requests for services outside the scope presented herein may not be performed until appropriate authorization is obtained from the client.

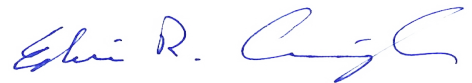
If GeoTek receives a request to proceed (whether verbal, in writing or in the form of a Work Order or Purchase Order) with any or all of the services described in this proposal prior to receiving a signed copy of the attached Work Authorization and Agreement, and GeoTek provides any or all of the services, GeoTek and you expressly agree that the terms of this proposal, the attached fee schedule and the terms and conditions set forth in the attached Work Authorization and Agreement form shall govern all the services performed.

We greatly appreciate the opportunity of submitting this proposal and look forward to working with you toward the successful completion of this project. If you have any questions, please do not hesitate to contact the undersigned.

Respectfully submitted,
GeoTek, Inc.



Christopher D. Livesey
CEG 2733
Vice President



Edwin R. Cunningham
RCE 81687
Project Engineer

Enclosures: Work Authorization and Agreement
 Appendix A – Fee Estimate Table for Geotechnical Services
 Fee Schedule

APPENDIX A
GEOTECHNICAL SERVICES
15157 Huntington Ct.
Poway, California 92064

	BILLING RATE	DAYS	HOURS PER DAY/ # OF TESTS	TOTAL
<u>Task No. 1 Subsurface Evaluation</u>				
Field Professional (Geologist/Engineer)	\$129	1.5	8	\$1,548
Field Technician	\$90	1	8	\$720
Exploration Equipment	\$250	0	0	\$0
		SUBTOTAL		\$2,268
<u>Task No. 2 Laboratory Testing</u>				
Moisture Density Tests	\$38		8	\$304
Direct Shear	\$285		1	\$285
Maximum Density	\$250		1	\$250
Expansion Index	\$183		1	\$183
Sulfate	\$90		1	\$90
Sample Delivery	\$86		1	\$86
		SUBTOTAL		\$1,198
<u>Task No. 3 Report</u>				
Project Engineer/Geologist	\$161		3	\$483
Staff Engineer/Geologist	\$150		8	\$1,200
		SUBTOTAL		\$1,683
TOTAL				\$5,149

GeoTek, Inc.**PROJECT INFORMATION**

Project Name: 15157 Huntington Ct.

Project Location: 15157 Huntington Ct., Poway, CA 92064

Scope of Services Scope and estimated fees are outlined in text of proposal and/or below under "Special Instructions." Services not outlined in the proposal or in this Agreement, are not included in the scope of this contract and will be invoiced separately as Additional Services (as provided in Paragraph 4 below). All services, including any Additional Services, are subject to the Terms and Conditions below.

Fee Estimate: \$5,149.00

Reimbursable Expenses not in fee Estimate:

Retainer:

COD:

Work Authorization And Agreement

Date: 6/7/2024

Proposal No: P-0600324-SD

Project No:

Special Instructions: 0

CLIENT INFORMATION

Name: Razaghi Development Company

Attention: Ahmad Razaghi

Address 1: 13835 North Tatum Blvd.

Address 2: Suite 9-221

City: Phoenix

State: AZ

Zip: 85032

Email: arazaghipc@gmail.com

Phone No: (858) 679-8010 Ext: 101

Cell Phone:

Fax No:

TERMS AND CONDITIONS

1) AGREEMENT. This Work Authorization and Agreement together with the proposal P-0600324-SD (the "Proposal"), the terms of which are incorporated herein by reference and made a part of this Agreement (defined below) will constitute the agreement between Client, as identified above, and GeoTek, Inc., a Nevada Corporation ("GeoTek") for performance of the professional services outlined in the Proposal, ("Services"). GeoTek is willing to provide the Services for consideration and upon the terms set forth in the Proposal and hereinafter stated. This Work Authorization and Agreement and the Proposal will be referred to collectively hereinafter as the "Agreement". Any future work performed for Client will be under the terms of this Agreement unless a new agreement is executed in writing by both parties.

2) FEES/QUOTATIONS. Unless otherwise specified, the Proposal will define the: (1) Services to be provided, (2) the estimated fee and expense amount(s) for such Services, and (3) the billing type or method (e.g. time and materials, lump sum, fixed fee to a maximum, etc.). Client agrees to pay GeoTek its quoted rates for the Services and any Additional Services (as defined below) and products provided subject to changes in pricing from time to time. Any quotation will be good for a period of thirty (30) days from the date of the quotation. Quotation(s) of fees and expenses are estimates only. The actual fees and expenses will be shown when the final invoice is tendered.

3) BILLING AND PAYMENT. Invoices will be submitted on a progress basis for all Services performed during the term of the project. All invoices are due and payable upon receipt. Any and all invoices or any portion thereof, outstanding after thirty (30) days will accrue interest at 1.5% per month but in no event more than the maximum rate permissible by law from the original date of the invoice until paid.

4) ADDITIONAL SERVICES. Client acknowledges that it is impossible to predict what changes to the Services will be necessary as requirements for changes come from many sources beyond GeoTek's control. In the event changes become necessary, any services that are not specifically set forth in either GeoTek's proposal or this Agreement but are requested by Client, its agents, representatives, or designees, either verbally or in writing, will be considered "Additional Services". If Client, its agents, representatives, or designees request any Additional Services, GeoTek may issue Client a Change Order for Additional Services ("Change Order") confirming Client's authorization to proceed with such Additional Services. If GeoTek issues Client a Change Order, Client must notify GeoTek of any disagreements with or amendments to any of the terms of the Change Order within twenty-four hours of receipt. Client's failure to provide GeoTek with such timely notice will constitute acceptance of the terms of the Change Order and Client will be responsible for all additional charges, costs, fees and expenses incurred by GeoTek for such Additional Services. Fax transmissions and email are acceptable modes of confirmation. The Terms and Conditions of this Agreement and most recent fee schedule will apply to all Additional Services regardless of whether GeoTek issues a Change Order or not.

5) RIGHT OF ENTRY.

a) Client hereby grants GeoTek the right of entry to the job site to permit GeoTek to perform the work under this Agreement. Client warrants that it has the authority to grant such right of entry.

b) Client acknowledges that excavations or destructive testing may be required to perform portions of the Services. Excavations will be backfilled in a prudent manner but cannot be returned to the previous condition. Damage to landscaping or natural vegetation may result. Client will indemnify and hold GeoTek harmless from any and all damages to persons or property caused by or to GeoTek or third parties as a result of the Services.

6) PERFORMANCE.

a) Governmental rules and regulations are subject to interpretations. GeoTek will prepare all reports with a view toward complying with governmental rules and regulations, but no guarantee is given that any or all reports will be approved by the applicable governmental agency.

b) GeoTek is relying entirely on plans and maps given to GeoTek by the Client or Client's agents, representatives or designees. Client will indemnify and hold GeoTek harmless from any and all damages to person or property caused by or to GeoTek or third parties resulting from undisclosed underground conditions or errors or inaccuracy of plans, maps or any other information provided by the Client or Client's agents, representatives or designees to GeoTek.

c) GeoTek will not be responsible for delays or its failure to perform as a result of inclement weather, accidents, acts of God, public insurrection, war, labor difficulties, riots, interference by governmental agencies, or any other act reasonably beyond GeoTek's control.

d) Client will disclose in writing to GeoTek any and all known or suspected hazardous or toxic conditions or materials present at the job site and will indemnify, defend and hold GeoTek harmless from and against any and all liability, costs, attorneys or expert fees or damage to person or property arising from hazardous or toxic conditions or materials present at the job site.

7) HAZARDOUS MATERIALS. GeoTek is not a generator, transporter and does not store or dispose of hazardous waste or non hazardous waste. Client will be responsible for the proper management, storage and disposal of hazardous waste or non hazardous waste present on the site and that may be encountered whether or not identified during GeoTek's evaluation.

GeoTek, Inc.**Work Authorization And Agreement**

8) PROFESSIONAL OPINION. GeoTek's professional services will be performed, findings obtained, and recommendations prepared in accordance with generally accepted engineering practices in effect at the time and place the services are performed. The professional opinions of GeoTek will be based upon conditions revealed at exploration locations and reconnaissance of surrounding terrain or through research efforts. The services on any given site are limited. It is agreed that GeoTek is not responsible for the affect that unknowns such as acts of others on adjacent properties, variables of nature including, but not limited to, earthquakes, the works of man, Acts of God, and other variables beyond the control of GeoTek may have on any opinion rendered hereunder. No opinions of any kind are given by GeoTek except those expressly stated in GeoTek's written reports. GeoTek does not warrant (either expressed or implied) or guarantee any of its recommendations, opinions or Services.

9) INSURANCE. GeoTek maintains worker's compensation and public liability insurance policies for bodily injury and property damage. Certificates of insurance will be furnished upon request. With regard to property claims, GeoTek will not be responsible for damage beyond those amounts paid under the policies. GeoTek will not be responsible for any consequential, lost profits, business interruption, or other damages claimed by Client. Requests for waivers of subrogation or other endorsements are subject to a 5% fee surcharge.

10) INDEMNIFICATION and LIMITATION OF LIABILITY.

a) GeoTek agrees, subject to the limitations herein, to indemnify and hold harmless Client from and against damages, liability and reasonable costs arising from the negligent acts of GeoTek in the performance of its Services under this Agreement, but only to the extent that a court of competent jurisdiction determines GeoTek is responsible for such damages, liability and reasonable costs on a comparative fault basis. Notwithstanding the foregoing agreement to indemnify Client, the parties expressly agree that GeoTek has no duty to defend Client from or against any claims, damages, liabilities, judgments, demands, causes of action, costs, expenses, or proceedings of any kind. GeoTek will not be obligated to indemnify Client for Client's own negligence or the negligence of others.

b) Client agrees, subject to limitations herein, to indemnify and hold harmless GeoTek from and against damages, liability, and reasonable costs arising from the negligent acts of Client related to any work performed under this Agreement, but only to the extent that a court of competent jurisdiction determines the Client is responsible for such damages, liability, and reasonable costs on a comparative fault basis. Notwithstanding the foregoing agreement to indemnify GeoTek, the parties expressly agree that the Client has no duty to defend GeoTek from or against any claims, damages, liabilities, judgments, demands, causes of action, costs, expenses, or proceedings of any kind. Client will not be obligated to indemnify GeoTek for GeoTek's own negligence or the negligence of others.

c) Client acknowledges that it is aware of the risks involved in construction, limitations inherent to the contract Services, and variations that can exist from the conditions identified. Client agrees to limit any liability, claim for damages to person or property, attorneys fees, expert fees or other costs of defense, or expenses (collectively "Claims") to be levied against GeoTek arising out of or relating to any design defect, error, omission, professional negligence or other promise of GeoTek (collectively "Liabilities") to the amount of GeoTek's fees paid under the Agreement. This limitation will apply regardless of the cause of action or legal theory pled or asserted. The fee charged Client for the Services to be rendered pursuant to this Agreement has been established with regard to the legal effect of this Limitation of Liability section. Increased limits of liability can be negotiated for an increased fee.

d) Except for work performed or provided by those subcontractors or subconsultants retained directly by GeoTek for whom GeoTek is legally liable, GeoTek assumes no responsibility or liability for work, testing, design(s) or recommendations performed or provided by others including, without limitation, other contractors, subcontractors, or consultants of any tier.

e) The parties understand and agree that Client's sole and exclusive claim, demand, suit, judgment and/or remedy for any claims arising from or in any way related to the performance of the Services provided under this Agreement will be directed and/or asserted only against GeoTek and not against any of GeoTek's shareholders, engineers, employees, officers, or directors.

f) Notwithstanding any other provision of this Agreement, neither the Client nor GeoTek, their respective officers, directors, partners, employees, contractors or subconsultants will be liable to the other or will make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or to this Agreement. This mutual waiver of consequential damages will include, but is not limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation and any other consequential damages that either party may have incurred from any cause of action including negligence, strict liability, breach of contract and breach of strict or implied warranty. Both the Client and GeoTek will require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this project.

11) DISPUTE RESOLUTION. In an effort to resolve any conflicts that arise during the design and construction of the project or following the completion of the project the Client and GeoTek agree that all disputes between them arising out of or relating to this Agreement or the project will be submitted to non binding mediation unless the parties mutually agree otherwise.

12) JOBSITE SAFETY. Neither the professional activities of GeoTek nor the presence of GeoTek or its employees and subconsultants at a construction/project site, will relieve the General Contractor of its obligations, duties and responsibilities including, but not limited to, construction means, methods, sequence, techniques or procedures necessary for performing, superintending and coordinating the Work in accordance with the contract documents and any health or safety precautions required by any regulatory agencies. GeoTek and its personnel have no authority to exercise any control over any construction contractor or its employees in connection with their work or any health or safety programs or procedures. The Client agrees that the General Contractor will be solely responsible for Jobsite safety, and warrants that this intent will be carried out in the Client's contract with the General Contractor. The Client also agrees that the Client, GeoTek and GeoTek's subconsultants will be indemnified by the General Contractor and will be made additionally insured under the General Contractor's policies of general liability insurance.

13) OWNERSHIP OF INSTRUMENTS OF SERVICE. All reports, drawings, specifications, computer files, field data, notes and other documents and instruments prepared by GeoTek as instruments of service will remain the property of GeoTek. GeoTek will retain all common law, statutory and other reserved rights, thereto. All documents prepared by GeoTek under this Agreement for a particular project are not intended and not represented to be suitable for reuse by Client or others on any other project. Any such reuse without written authorization from GeoTek will be without liability to GeoTek and Client agrees to indemnify, defend, and hold harmless GeoTek from and against any and all losses, claims, damages and expenses (including attorney's fees) arising out of or resulting therefrom.

GeoTek, Inc.

Work Authorization And Agreement

14) FORCE MAJEURE. Force Majeure as used in this Article will mean an act of God, strike, lockout, or other industrial disturbance, act of public enemy, war, blockage, public riot, lightning, fire, flood, explosion, earthquake, failure to timely receive necessary governmental approvals government restraint, unavailability of equipment, and any other cause, whether of the kind specifically enumerated above or otherwise, other than financial liability, which is not reasonably within the control of the party claiming suspension. If either party is rendered unable, wholly or in part, by Force Majeure to carry out their obligations under this Agreement, other than the obligation to make money payments, such party will give to the other party prompt written notice of the Force Majeure with reasonably full particulars concerning it; thereupon, the obligations of the party giving notice, so far as they were affected by the Force Majeure, will be suspended during, but no longer than, the continuance of the Force Majeure. The affected party will use all possible diligence to remove the Force Majeure as quickly as possible.

15) TERMINATION.

a) In the event of termination of this Agreement by either party for any reason, the Client will within fifteen (15) calendar days of termination pay GeoTek for all Services rendered and all reimbursable costs incurred by GeoTek up to the date of termination, in accordance with the payment provisions of this Agreement.

b) The Client may terminate this Agreement for the Client's convenience and without cause upon giving GeoTek not less than seven (7) calendar days written notice.

c) Either party may terminate this Agreement for cause upon giving the other party not less than seven (7) calendar days written notice for any of the following reasons:

- i.) Failure by the other party to materially perform in accordance with the terms of this Agreement and through no fault of the terminating party;
 - ii.) Assignment of this Agreement or transfer of the Project by either party to any other entity without the prior written consent of the other party;
 - iii.) Material changes in the conditions under which this Agreement was entered into, the scope of Services or the nature of the Project, and the failure of the parties to reach agreement on the compensation and schedule adjustments necessitated by such changes.
- d) In the event of any termination that is not the fault of GeoTek, Client will pay GeoTek, in addition to payment for services rendered and reimbursable costs incurred, for all expenses reasonably incurred by GeoTek in connection with the orderly termination of this Agreement, including without limitation, demobilization, reassignment of personnel, overhead costs and all other expenses directly resulting from the termination.

16) SUSPENSION OF SERVICES.

a) If the Project or GeoTek's Services are suspended by the Client for more than thirty (30) calendar days, consecutive or in the aggregate, over the term of this Agreement, GeoTek will be compensated for all Services performed and reimbursable expenses incurred prior to the receipt of notice of suspension. In addition, upon resumption of Services, the Client will compensate GeoTek for expenses incurred as a result of the suspension and resumption of its Services, and GeoTek's schedule and fees for the remainder of the Project will be equitably adjusted.

b) If GeoTek's Services are suspended for more than ninety (90) days, consecutive or in the aggregate, GeoTek may terminate this Agreement upon giving not less than five (5) calendar days written notice to the Client.

c) If the Client is in breach of the payment terms or otherwise is in breach of this Agreement, GeoTek may, at its sole discretion, suspend performance of services and/or withhold any and all reports and work product. In the event GeoTek suspends performance and/or withholds reports and work product pursuant to this provision, GeoTek will not be in default of this Agreement and GeoTek will have no liability to the Client. Client agrees to make no claim against GeoTek for any delay or damage as a result of such suspension and/or withholding of reports and work product and agrees to defend and indemnify GeoTek from and against any and all claims for damages including, without limitation, claims for delay, lost profit, business interruption, consequential or any other damages resulting from the suspension of services and/or withholding of any report and work product. Upon receipt of payment in full of all outstanding sums due from the Client, or curing of such other breach which caused GeoTek to suspend Services and/or withhold reports and work product, GeoTek will resume Services and/or provide Client with the applicable reports and work product and there will be an equitable adjustment to the remaining project schedule and fees as a result of the suspension.

17) MISCELLANEOUS.

a) All terms of this Agreement will be governed by and construed under the law of the State in which the Services are provided. Diversity of the parties will not determine jurisdiction.

b) No provision of this Agreement will be interpreted for or against any party because that party or its legal representative drafted the provision.

c) In the event that legal action is taken to enforce the terms of this agreement or resolve a dispute the prevailing party will be entitled to reasonable attorney's fees and costs incurred.

d) Failure by a party to exercise any right, remedy, or option in this Agreement or delay by a party in exercising the same will not operate as a waiver. No waiver will be effective unless it is in writing.

e) Every provision of this Agreement is intended to be severable. If any term or provision hereof is declared by a court of competent jurisdiction to be illegal, invalid or unenforceable for any reason whatsoever, such illegality, invalidity or unenforceability will not affect the balance of the terms and provisions hereof, which terms and provisions will remain in full force and effect.

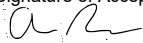
f) This Agreement may be executed at different times and in multiple counterparts, including, without limitation, facsimile counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument.

g) Client may not assign its rights or obligations under this Agreement without the express written consent of GeoTek. GeoTek may assign its rights and obligations under this Agreement to any of its affiliate companies without Client's consent upon written notice to Client. In the event of such an assignment, the assignee will assume the obligations of GeoTek under this Agreement as though such assignee had been an original party to this Agreement.

18) AMENDMENTS. Except as specifically provided herein, no addition(s) to or modification(s) of this Agreement will be binding on either party unless made in writing and executed and initialed by GeoTek and Client.

By Signing below, the parties accept the services outlined in the proposal, the rates indicated on any attached fee schedule, and all the terms and conditions contained within each page of this Agreement, including but not limited to attachments and exhibits.

CLIENT'S Authorized Signature of Acceptance:

By: 
Signature
Amber Razaghi
Printed Name
Title: Manager

CONSULTANT Authorized Signature of Acceptance:

By: _____
Signature
Christopher Livesey, CEG
Printed Name
Title: Vista Branch Manager P-0600324-SD



GeoTek, Inc.
1548 North Maple Street, Corona, California 92878
(951) 710-1160 Office (951) 710-1167 Fax www.geotekusa.com

Vista 2024 Master fee Schedule (Non-Prevailing Wage Project)
GEOTECHNICAL, SPECIAL INSPECTION AND MATERIALS TESTING SERVICES

Non-Prevailing Wage Project

PERSONNEL RATES

Professional and Project Management

Staff Type	Unit Rate	Unit
Principal Engineer/Geologist	\$ 220.00	Hour
Geotechnical Engineer	\$ 194.00	Hour
Project Engineer/Geologist	\$ 161.00	Hour
Staff Engineer/Geologist	\$ 150.00	Hour
Field Engineer/Geologist	\$ 129.00	Hour
Field Supervisor	\$ 113.00	Hour
Project Administration/Drafting	\$ 75.00	Hour
Laboratory Technician	\$ 86.00	Hour
Sample Pick-up Driver (If not done on a per trip basis)	\$ 92.45	Hour

Inspectors and Technicians

Staff Type	Unit Rate	Unit
Soil Inspector	\$ 86.00	Hour
ACI Technician	\$ 89.00	Hour
ICC Certified Inspector(RC, PC, RM, SS, FP)	\$ 92.00	Hour
Lead/Senior Certified Inspector (RC, PC, RM, SS, FP)	\$ 103.00	Hour
Certified Welding Inspector(AWS/CWI)	\$ 120.00	Hour
Non-Destructive Testing (ASNT)		
Level III Review	\$ 232.00	Hour
Magnetic Particle Testing Level II	\$ 155.00	Hour
Ultrasonic Testing Level II	\$ 155.00	Hour
Coring Machine Operator with equipment	\$ 161.00	Hour
Helper (Add Per Hour)	\$ 80.00	Hour

DESIGN SERVICES

ENVIRONMENTAL AND GEOTECHNICAL INVESTIGATIONS

Description	Unit Rate	Unit
Phase 1 and Phase 2 Reports	Quote Upon Request	
Geotechnical Investigation Report	Quote Upon Request	
Percolation or Infiltration Testing	Quote Upon Request	
Corrosion Report	Quote Upon Request	

Miscellaneous

Description	Unit Rate	Unit
Concrete Mix Design Review	\$ 242.00	Each
Weld Procedure Review	\$ 269.00	Each
QA/QC Plan Written Procedures	Quote Upon Request	

BASIS OF CHARGES

Description		Description	
Work from 0-4 hours	4-Hour Minimum Billing	Work over 8 hours per day, or on Saturdays	Time and One-Half
Work from 4-8 hours	8-Hour Minimum Billing	Work over 12 hours per day	Double Time
Project Management as Project Engineer/Geologist	1- Hour Minimum weekly	Work on Sundays/Holidays	Double Time
Show-Up Time	2-Hour Minimum Billing	Certified Payroll Compliance	\$100 per month
Laboratory Testing - Rush Fee	Add 50% to Testing Cost	Outside Services/Reimbursables	Cost + 20%

LABORATORY AND MATERIAL TESTING SERVICES

Asphalt and Soils

Description	Unit Rate	Unit
Asphalt		
Asphalt Content by Ignition	\$ 380.00	Each
Burn-Off Method CT 382/ASTM D6307	\$ 360.00	Each
Bitumen Content (extraction), ASTM D2172	\$ 250.00	Each
Bitumen Content CT 310/Cal 382 Ignition Furnace	\$ 200.00	Each
Gradation of Extracted Sample, ASTM C 136/CT 202	\$ 376.00	Each
Maximum Specific Gravity, (Marshall) ASTM D2041	\$ 376.00	Each
Hveem Maximum Density, CT 304/308	\$ 430.00	Each
Soil		
Abbrasion Test by L.A. Rattler, ASTM C131/Cal 211	\$ 376.00	Each
Atterberg Limits	\$ 181.00	Each
Collapse/Swell ASTM D4546	\$ 124.00	Each
Compaction, Modified Proctor ASTM D1557	\$ 250.00	Each
Compaction, Modified Proctor ASTM D698	\$ 300.00	Each
Consolidation ASTM D2435, D4546	\$ 269.00	Each
Corrosivity		Each
Sulfate Content (water soluble) ASTM D4327	\$ 90.00	Each
Chlorides ASTM D4327	\$ 90.00	Each
Resistivity ASTM G187	\$ 110.00	Each
pH ASTM G51	\$ 90.00	Each
Corrosivity Suite D4972, G57, D4327, D46589M	\$ 250.00	Each
Direct Shear, Consolidated-Drained ASTM D3080	\$ 285.00	Each
Direct Shear, Residual ASTM D6467 Mod	\$ 350.00	Each
Expansion Index Test UBC 29-2/ASTM D4829	\$ 183.00	Each
Moisture/Density In Situ Sample ASTM D1587/D2937	\$ 38.00	Each
Moisture/Density Chunk Sample	\$ 250.00	Each
"R" Value ASTM D2844/CT 301	\$ 403.00	Each
Sieve Analyses		Each
Sieve 3" to #200 ASTM D6913	\$ 150.00	Each
Minus #200 by Wash ASTM D422	\$ 150.00	Each

Concrete and Cement Tests

Description	Unit Rate	Unit
Concrete Tests		
Compression 4x8 Cylinders ASTM C39	\$ 38.00	Each
Compression, 6x12 Cylinders, ASTM C39	\$ 50.00	Each
Compression, 3X6 Cylinders Lightweight ASTM C495	\$ 45.00	Each
Flexural Strength of Concrete, ASTM C78 or C495	\$ 102.00	Each
Unit Weight of Concrete Cylinders, ASTM C567	\$ 59.00	Each
Sieve Analysis, Coarse Aggregate ASTM C136/CT 202	\$ 134.00	Each
Sieve Analysis, Fine Agg #4 to #200 ASTM C117/C136	\$ 188.00	Each
Specific Gravity & Absorption Coarse Agg. ASTM C127	\$ 108.00	Each
Specific Gravity & Absorption Fine Agg. ASTM C128	\$ 108.00	Each
Abbrasion Test by L.A. Rattler, ASTM C131/Cal 211	\$ 376.00	Each
Cement-Grout Tests		
Compression, 2X2 Cubes, each age, ASTM C109	\$ 45.00	Each
Shotcrete Tests		
Concrete Core Compression ASTM C42	\$ 45.00	Each
Core Panel	\$ 250.00	Each

Masonry Tests

Description	Unit Rate	Unit
Compression, Grout Prisms, ASTM C39	\$ 45.00	Each
Compression, Mortar Cylinders, ASTM C39	\$ 45.00	Each
Compression, Composite Prisms, ASTM E447	\$ 134.00	Each
Compression, Masonry Core, ASTM C140	\$ 102.00	Each
Shear, Masonry Core, CCR Title 24	\$ 134.00	Each
Epoxy Grout 2x2x2 Cube Compression ASTM C579	\$ 41.00	Each
Masonry Composite Prism Compression ASTM C1314	\$ 210.00	Each
Grout Prism - Compression Test ASTM C1019	\$ 48.00	Each
Brick Compression ASTM C67	\$ 70.00	Each
Dimensional Measurement-Masonry Units ASTM C140	\$ 102.00	Each

Minus #200 by Hydrometer ASTM D422	\$ 300.00	Each
Full Sieve 3" to Clay ASTM 6913/D422	\$ 350.00	Each
Sand Equivalent ASTM D2419/CT 217	\$ 145.00	Each
Specific Gravity of Soil, ASTM D854	\$ 250.00	Each

Reinforcing Steel Tests

Description	Unit Rate	Unit
Bend Test of Rebar #11 ASTM A370	\$ 115.00	Each
Bend Test of Rebar #14 ASTM A370	\$ 197.00	Each
Bend Test of Rebar #3 - #10 ASTM A370	\$ 93.00	Each
Tensile #11 Rebar ASTM A370	\$ 93.00	Each
Tensile #14 Rebar ASTM A370	\$ 232.00	Each
Tensile Test #3 - #10 ASTM A370	\$ 87.00	Each

Prestressing Steel Tests

Description	Unit Rate	Unit
Yield Strength, Breaking Strength, Elongation (add \$ 50.00 per test; for Modulus of Elasticity)	\$ 347.00	Each

Structural Steel Tests

Description	Unit Rate	Unit
High Strength Bolts/Nuts/Washer Compliance Test ASTM	\$ 188.00	Each
Mild Steel Not Over 1" Thick		
Tensile Strength, ASTM A370 (test only)	\$ 188.00	Each
Anchor Bolts, A 505	\$ 269.00	Each
Tensile Strength	\$ 242.00	Each
Bolts Proof Load or Ultimate	\$ 156.00	Each
Hardness (Rockwell)	\$ 81.00	Each

Fireproofing Tests

Description	Unit Rate	Unit
Fireproofing Adhesion / Cohesion Test Kit ASTM E736	\$ 81.00	Each
Fireproofing Density Test ASTM E605	\$ 81.00	Each