

Date: May 23, 2017
Proposal No.: P7294

Prepared For: Mr. Joe Flatley
MILPITAS UNIFIED SCHOOL DISTRICT
1585 Rogers Street
Milpitas, California, 95035

Re: Geotechnical Observation and Testing Services
New Elementary School – McCandless Site – Increment #1
McCandless Drive and Montague Expressway
Milpitas, California

DSA File No. - 43-34
DSA Appl. No. – 01-116260

The Agreement

Thank you for requesting Cornerstone Earth Group to prepare and submit this agreement for geotechnical observation and testing services during construction. Our proposal is based on our review of the plans provided, the project geotechnical report, and our overall understanding of the work to be performed. The following describes our understanding of the project and presents our proposed scope of work and our estimated cost for completing the work. This document will serve as our agreement to work together.

The Project

The project site is located near the northeast corner of McCandless Drive and Montague Expressway in Milpitas, California. Based on the project plans, the project will consist of Increments #1 and #2. Increment #1 will include on-site improvements consisting of future food kiosk, ball walls, drop-off and pick-up areas, a kindergarten playground and equipment, playground equipment, benches, a flag pole, bike racks, exterior lighting, a trash enclosure, joint-use school/city soccer fields, basketball courts, paved driveways and parking areas, emergency vehicle access, and fencing; and off-site improvements include improvements to utilities and the intersection of McCandless Drive and Delong Lane. Increment #2 will include a two-story, at-grade administration building (Building A) and a two-story, at-grade learning community (Building B), stairs, a covered walkway, and a drinking fountain. The buildings will have a combined footprint of approximately 11,200 square feet. Appurtenant utilities, landscaping, bio-swales and other improvements necessary for site development are also planned.

This overall site is bounded by Penitencia Creek to the north, commercial properties to the east, a fast-food restaurant to the south, and McCandless Drive to the west. The majority of the site is currently vacant. Three structures consisting of at-grade, single-story, multi-unit commercial

buildings with surrounding at-grade parking and drive aisles were recently demolished at the site.

Our Experience

Our principal geotechnical group has over 120 years of combined geotechnical experience, and has completed hundreds of projects throughout the Bay Area and California. Our breadth of experience in the Bay Area will add value to your project in design and construction. Services we can provide include the following.

- | | |
|---|--|
| <input checked="" type="checkbox"/> Observation and Testing of Structural Fill | <input checked="" type="checkbox"/> Testing of Pavement Subgrade, Aggregate Base and Asphalt |
| <input checked="" type="checkbox"/> Laboratory Testing of Soil | <input checked="" type="checkbox"/> Wet Weather Earthwork Consulting |
| <input checked="" type="checkbox"/> Earthwork Recommendations | <input checked="" type="checkbox"/> Shoring Observations |
| <input checked="" type="checkbox"/> Observation of Deep Foundation Construction | <input checked="" type="checkbox"/> Subdrain Observations |
| <input checked="" type="checkbox"/> Observation of Footing Excavations | <input checked="" type="checkbox"/> Storm Water Management / SWPPP Maintenance |

Project Team

Our geotechnical team will be led by Mr. Nicholas S. Devlin, P.E. In addition, Mr. Scott. E. Fitinghoff, P.E., G.E., will serve as Geotechnical Engineer of Record for the project. Mr. Devlin and Mr. Fitinghoff will be assisted by other members of our staff to complete the project. Applicable contact information is provided below.

Project Engineer	Nicholas S. Devlin, P.E.
Email	ndevlin@cornerstoneearth.com
Office	(408) 245-4600, ext. 128
Cell	(408) 470-9891

Principal Engineer	Scott E. Fitinghoff, P.E., G.E.
	GE 2379
Email	sfitinghoff@cornerstoneearth.com
Office	(408) 245-4600 ext. 103
Cell	(408) 747-7503

Construction Services

We will provide consultation and part-time and full-time observation and testing as necessary of the geotechnical aspects of the project, including the following geotechnical construction tasks:

- Mass Grading
- Spread Footing Excavation Observation
- Utility Trench Backfill, including Storm Drain, Sanitary Sewer, Water, and Joint Trench
- Flatwork Subgrade and Aggregate Base Compaction
- Pavement Subgrade and Aggregate Base Compaction
- Pavement Asphalt Compaction

In accordance with the Soil Management Plan (SMP) for the project, we will perform observations and provide consultation as a "Competent Person" on-site with regard to identifying native soil which contains Naturally Occurring Asbestos (NOA) underlying the site.

In addition to our observations and testing of the geotechnical aspects of the above construction activities, we will also perform laboratory testing as necessary to document specification compliance and to confirm our field observations. We will also provide consultation, project management and correspondence, as needed for the project.

Construction Level of Effort Estimate

We used the project schedule, plans, specifications, and DSA 103 Form provided along with our geotechnical investigation to prepare this initial estimated number of field, laboratory and office hours required for the geotechnical aspects of construction. All site earthwork is assumed to occur within normal working hours Monday through Friday. The following table presents our estimated schedule of field, office and laboratory services for construction work involving geotechnical engineering construction services. Please note that our estimate does not include time for services performed due to problems or delays that may be encountered during construction, and includes a combination of part-time and full-time observation and testing.

On-Site Construction Tasks	Personnel	No. of Site Visits	Estimated Hours per Visit	Estimated Total Hours	Estimated Number of Density Tests
Meetings/Consultation	Sen. Principal Eng.	3	2	6	0
MASS GRADING					
Rough Grade Building Pad (5 days duration)	Eng. Tech. II	5	8	40	40
Rough Grade Around Building Pad (5 days duration)	Eng. Tech. II	5	8	40	40
Fine Grade Building Pad Aggregate Base (5 days duration)	Eng. Tech. II	4	3	12	10
Fine Grade Aggregate Base Around Building Pad (5 days duration)	Eng. Tech. II	4	3	12	10
Additional Fill Removal (In Playground Area Increment #2)	Eng. Tech. II	5	8	40	25
MASS GRADING TOTAL		23		144	125

On-Site table continued on next page.

On-Site table continued.

On-Site Construction Tasks	Personnel	No. of Site Visits	Estimated Hours per Visit	Estimated Total Hours	Estimated Number of Density Tests
FOUNDATIONS					
Footing Excavation – Building (Not on schedule)	Staff Eng.	4	3	12	0
Retaining Wall Footings	Staff Eng.	1	3	3	0
Ball Wall Piers	Staff Eng.	2	6	12	0
FOUNDATIONS TOTAL		7		27	0
UTILITIES (27 days duration)					
Storm Drain Backfill	Eng. Tech. II	4	4	16	25
Sanitary Sewer Backfill	Eng. Tech. II	3	4	12	15
Water Line Backfill	Eng. Tech. II	4	4	16	25
Joint Trench Backfill	Eng. Tech. II	4	4	16	25
Underslab Utility Backfill	Eng. Tech. II	5	4	20	25
PG&E Electrical Trench (7 days duration)	Eng. Tech. II	4	4	16	16
UTILITIES TOTAL		24		80	131
FLATWORK & PAVEMENT					
Flatwork Subgrade	Eng. Tech. II	4	3	12	20
Flatwork Aggregate Base	Eng. Tech. II	1	6	6	15
Pavement Subgrade	Eng. Tech. II	3	6	18	25
Pavement Aggregate Base	Eng. Tech. II	1	8	8	25
Pavement Asphalt	Eng. Tech. II	4	10	40	30
FW & PAVEMENT TOTAL		13		84	115
ON-SITE TOTAL		67		335	371

Off-Site Construction Tasks	Personnel	No. of Site Visits	Estimated Hours per Visit	Estimated Total Hours	Estimated Number of Density Tests
UTILITIES (44 days total, assumed 15 days backfill)					
Storm Drain Backfill	Eng. Tech. II	1	8	8	10
Sanitary Sewer Backfill	Eng. Tech. II	1	8	8	5
Water Line Backfill	Eng. Tech. II	1	8	8	5
Joint Trench Backfill	Eng. Tech. II	3	8	24	15
UTILITIES TOTAL		6		48	35

Off-Site table continued on next page.

Off-Site table continued.

Off-Site Construction Tasks	Personnel	No. of Site Visits	Estimated Hours per Visit	Estimated Total Hours	Estimated Number of Density Tests
FLATWORK & PAVEMENT					
Curb & Gutter Subgrade	Eng. Tech. II	2	8	16	15
Curb & Gutter Aggregate Base	Eng. Tech. II	2	8	16	15
Pavement Subgrade	Eng. Tech. II	2	8	16	15
Pavement Aggregate Base	Eng. Tech. II	1	8	8	10
Pavement Asphalt Concrete	Eng. Tech. II	2	10	20	20
FW & PAVEMENT TOTAL		7		60	60
OFF-SITE TOTAL		15		108	95

"Competent Person" Observations and Consultation	Personnel	No. of Site Visits	Estimated Hours per Visit	Estimated Total Hours
Mass Grading (included above)	Eng. Tech. II	-	-	-
Utility Trenches – On-Site	Eng. Tech. II	10	3	30
Utility Trenches – Off-Site	Eng. Tech. II	5	3	15
Pole Foundations (Fences, Lights, Flag, etc.)	Eng. Tech. II	5	3	15
TOTAL		20		60

Office Tasks	Personnel	Hours	Laboratory Tests	Estimated No.
Review field reports; project management; correspondence with design team and applicable agencies; miscellaneous consultation; preparation of final letter.	Sr. Principal Eng.	20	Compaction	10
	Project Eng.	24	Moisture Content	25
	CS Manager	15	AC Spec. Gravity	2
	Dispatch	30		

Additional Services

We will proceed with additional services in excess of our estimate if requested to do so. We will follow up with you regarding additional services by forwarding a Confirmation of Additional Services itemizing the additional work.

Fee and Terms

The cost for our services is approximately **\$106,200**. Hours or tests less than or greater than those shown in this proposal will proportionately reduce or increase our costs. Please note that our estimate depends a great extent on the site conditions, the efficiency of the prime and sub-

contractors, and the weather. Our services will be provided in accordance with the attached terms and conditions and schedule of hourly rates on a time-and-materials basis. We will not proceed without written authorization. To be recognized, any dispute over charges must be claimed in writing within 30 days of the billing date.

Responsibilities

The presence of our field representatives will be for the purpose of providing observation and testing services. Our work will not include supervision or direction of the actual work of the contractor. The contractor should be informed that neither the presence of our field representatives nor the observation by our firm shall excuse him in any way for defects discovered in his work. It is also understood that our firm will not be responsible for job or site safety.

Additionally, it is assumed that the General Contractor and subcontractors will provide a competent person as defined in the SMP to supervise the equipment and workers with regard to handling the native soil containing NOA.

Authorization

Please acknowledge your receipt of and agreement with the terms and conditions contained in this agreement by signing this agreement and returning one signed original to us.

We thank you for this opportunity and look forward to working with you on this important project. Should you have any questions regarding this proposal, or if we may be of further service, please contact us at your convenience.

Sincerely,

Cornerstone Earth Group, Inc.


Nicholas S. Devlin, P.E.
Project Engineer


Scott E. Fitinghoff, P.E., G.E. 2379
Senior Principal Engineer

NSD:SEF:SPM

Copies: Addressee (1 by email)

Attachments: Terms and Conditions
 Schedule of Hourly Rates

Milpitas Unified School District

Name

Date

Please Print Name and Title

**CORNERSTONE EARTH GROUP, INC.
TERMS AND CONDITIONS**

1. Agreement

- 1.1 Cornerstone Earth Group, Inc.'s ("Cornerstone") services are defined by and limited to (a) those services (the "Work") described in the attached proposal, which is incorporated herein by this reference, and (b) these Terms and Conditions of Agreement ("Terms and Conditions"). Together, the proposal and Terms and Conditions form the "Agreement." This Agreement represents the entire agreement between the Client and Cornerstone (collectively, the "Parties") and supersedes all prior negotiations, representations, or agreements, either written or oral. The Agreement can only be amended by a written instrument signed by both the Client and Cornerstone. In the event that the Client authorizes the Work by means of a purchase order or other writing ("Confirmation"), it is expressly agreed that these Terms and Conditions shall apply, and any terms, conditions or provisions appearing in the Confirmation are void and inapplicable except to the extent the Confirmation authorizes the Work and binds the Client to this Agreement.
- 1.2. Failure to immediately enforce any provision in this Agreement shall not constitute a waiver of the right to enforce that provision or any other provision. No waiver by the Parties of a breach of any term or covenant contained in this Agreement, whether by conduct or otherwise, in any one or more instances shall be deemed to be or construed as a further or continuing waiver of any such breach or as a waiver of a breach of any other term or covenant in this Agreement.

2. Scope of Services

- 2.1 Cornerstone will serve the Client by providing professional counsel and technical advice based on information furnished by the Client. The Client will make available to Cornerstone all known information regarding existing and proposed conditions of the site, and will immediately transmit any new information that becomes available or any change in plans. The Client and Cornerstone agree that Cornerstone, its officers, directors, employees, agents and/or subcontractors shall not be liable for any claims, damages, costs, or losses arising from or in any way related to conditions not actually encountered during the course of Cornerstone's Work and Cornerstone shall not have any liability or responsibility for losses resulting from inaccurate or incomplete information supplied by the Client, and the Client agrees to defend and indemnify Cornerstone, its officers, directors, employees, agents and/or subcontractors against claims, damages, costs or losses arising therefrom. Cornerstone, its officers, directors, employees, agents and/or subcontractors shall not be liable for failing to discover any condition the discovery of which would reasonably require the performance of services not authorized by the Client.

3. Terms of Payment

- 3.1 The Client's obligation to pay for the Work is in no way dependent upon the Client's ability to obtain financing. The Client's obligation to pay for the Work is in no way dependent upon the Client's successful completion of the Client's project. No provision of this Agreement shall be construed to constitute a "Pay-When-Paid" clause or a "Pay-If-Paid" clause.
- 3.2 Payment for the Work shall be due and payable upon receipt of Cornerstone's invoice. To be recognized, any dispute over charges must be claimed in writing within thirty (30) calendar days of the billing date. Any dispute over an invoice amount shall not affect the Client's obligation to pay invoice amounts not in dispute. Amounts unpaid thirty (30) calendar days after the issue date of Cornerstone's invoice shall be assessed a service charge of 1 percent per month on balances outstanding.
- 3.3 Timely payment is a substantial condition of the Client's performance under this Agreement. Cornerstone may at its option withhold delivery of reports or other work product or suspend performance of the Work pending receipt of payments for all past due invoices and Cornerstone, its officers, directors, employees, agents and/or subcontractors shall have no liability to the Client for delay or damage caused because of such withholding or suspension. In the event that Cornerstone must take legal action to enforce this Agreement for payment for the Work performed and Cornerstone prevails, Cornerstone will be reimbursed by the Client for all expenses, including but not limited to reasonable attorney's fees and litigation costs.

4. Standard of Care

- 4.1 While performing the Work under this Agreement, Cornerstone shall exercise the degree of care and skill ordinarily exercised under similar circumstances by members of the environmental and geotechnical engineering consulting professions, as applicable, performing the kind of services to be performed hereunder and practicing in the same or similar locality at the same period of time.
- 4.2 Except for the express promise set forth in Subsection 4.1 herein, Cornerstone neither makes, nor offers, nor shall Cornerstone be liable to the Client for any express or implied warranties with respect to the performance of the Work.

5. Force Majeure

- 5.1 Cornerstone will diligently proceed with its services and will complete the Work in a timely manner, but it is expressly agreed to and understood by the Client that Cornerstone shall not be held responsible for delays occasioned by factors beyond its control, nor by factors which could not reasonably have been foreseen at the time of the execution of the Agreement between the parties.
- 5.2 Except for the obligation to pay for the Work performed and expenses incurred, neither Cornerstone nor the Client shall be liable for its failure to perform hereunder, in whole or in part, due to contingencies beyond its reasonable control, included, but not limited to, strikes or other concerted acts of workmen not in Cornerstone's employ, whether direct or indirect, riots, war, acts of terrorism, fire, floods, storms, washouts, acts of God or the public enemy, explosions, accidents, epidemics, breakdowns, injunctions, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any governmental body or any instrumentality thereof, whether now existing or hereafter created.

6. Effect of Delay or Impediment to Work

- 6.1 If any event occurs which causes or may cause Cornerstone: (a) to be impeded in its performance of the Services; or (b) to be delayed in the completion of the Work within the time provided in the attached proposal and/or in an applicable Change Order due to any act or omission of the Client, its officers, directors, employees and agents, or the Client's contractors, or due to any contingency beyond Cornerstone's control as provided in Section 5 herein, Cornerstone shall notify the Client in writing within ten (10) business days of the date on which Cornerstone becomes aware of such event.
- 6.2 The Client shall notify Cornerstone in writing of the Client's agreement or disagreement with Cornerstone's claim of an impediment or delay to performance within five (5) business days after receipt of Cornerstone's notice under Subsection 6.1. If the Client agrees with Cornerstone's claim, the time for performance of such requirement may be extended as mutually agreed in writing by the parties as provided in Subsection 1.1. If the Client disputes Cornerstone's assertion of an impediment or delay, such dispute shall be resolved pursuant to Section 17.
- 6.3 Impediments or delays to performance, addressed pursuant to this Section, shall not (a) constitute a breach hereunder; (b) give rise to any special right to terminate this Agreement; or (c) give rise to a claim by the Client for damages or other relief, if and to the extent that such impediment or delay is due to any act or omission of the Client, its officers, directors, employees and agents, or the Client's contractors, or due to any contingency beyond Cornerstone's control as provided in Section 5.

7. Right of Entry

- 7.1 Unless otherwise agreed in writing, the Client shall furnish and/or secure right of entry to the Site described in the proposal for Cornerstone personnel and equipment in order for Cornerstone to perform the Work. The Client shall waive any claim against Cornerstone, its officers, directors, employees, agents and/or subcontractors and agree to defend and indemnify Cornerstone, its officers, directors, employees, agents and/or subcontractors from any claims arising from entry onto the Site which is the subject of the Work.

- 7.2 The Parties acknowledge and agree that although Cornerstone will take reasonable precautions to minimize damage to property, including landscapes, hardscapes, crops and underground utilities, any and all damages, losses or expenses which could result from damage to such property due to Cornerstone's performance of the Work under this Agreement shall be the sole and exclusive responsibility of the Client provided that such damages, losses or expenses are not the result of Cornerstone's breach of the standard of care set forth in Subsection 4.1 herein. The Client shall indemnify, defend and hold harmless Cornerstone, its officers, directors, employees, agents and/or subcontractors from any damages, losses or expenses including, without limitation, attorney's fees, sustained or incurred by Cornerstone, its officers, directors, employees, agents and/or subcontractors as a result of any and all claims arising out of any damage to subsurface utilities due to Cornerstone's performance of the Work under this Agreement, provided that such claims are not the result of Cornerstone's breach of the standard of care set forth in Subsection 4.1 herein.

8. Monitoring of Construction

- 8.1 The Client acknowledges and understands that unanticipated or changed conditions may be encountered during construction. There is a substantial risk to the Client and to Cornerstone if Cornerstone is not engaged to provide complete services, including but not limited to, construction observation services. Such risks include the increased likelihood of misinterpretation of Cornerstone's findings and conclusions and error in implementing recommendations by Cornerstone. If Client fails to retain Cornerstone to provide complete services, the Client agrees, notwithstanding any other provisions of this Agreement, to the fullest extent permitted by law, to indemnify and hold harmless Cornerstone, its officers, partners, employees and Cornerstones from and against any and all claims, suits, demands, liabilities, losses, damages or costs, including reasonable attorneys' fees and defense costs arising out of or in any way connected with the Work or arising out of implementing or interpreting Cornerstone's work product except when the Claim arises from the sole negligence of Cornerstone or where the Claim arises from the willful, wanton or reckless conduct of Cornerstone.
- 8.2 Cornerstone shall not be required to make exhaustive or continuous on-site observations to check the quality or quantity of the Work and shall not be responsible for any contractor's failure to carry out the work in accordance with the contract documents.
- 8.3 Cornerstone shall not be responsible for the acts or omissions of any contractor or subcontractor or any of the contractors' or subcontractors' agents or employees or other persons performing any work on the Project.

9. Changed Conditions

- 9.1 If, during the term of this Agreement, circumstances or conditions that were not originally contemplated by or known to Cornerstone are revealed, to the extent that they affect the scope of services, compensation, schedule, allocation of risks or other material terms of this Agreement, Cornerstone may call for renegotiation of appropriate portions of this Agreement. Cornerstone shall notify the Client of the changed conditions necessitating renegotiation, and Cornerstone and the Client shall promptly and in good faith enter into renegotiation of this Agreement to address the changed conditions. If terms cannot be agreed to, the parties agree that either party has the absolute right to terminate this Agreement, in accordance with the termination provision hereof.

10. Jobsite Safety

- 10.1 Neither the professional activities of Cornerstone nor the presence of Cornerstone or its employees, subconsultants and subcontractors shall relieve the Client or the Client's General Contractor of its obligations, duties and responsibilities, including, but not limited to, health and safety programs. Cornerstone and its personnel have no authority to exercise any control over the site or any construction contractor or its employees in connection with their work or any health or safety programs or procedures. The Client acknowledges and agrees that Cornerstone shall not be responsible for jobsite safety.

11. Hazardous Materials and Environmental Contamination

- 11.1 The Client hereby warrants that if it knows or has any reason to assume or suspect that hazardous or toxic substances, or any other type of environmental hazard, contamination or pollution may exist at the Site, the Client will immediately inform Cornerstone to the best of the Client's knowledge of such hazardous or toxic substances, environmental hazard, contamination or pollution's type, quantity and location.
- 11.2 Cornerstone, its officers, directors, employees, agents and/or subcontractors shall have no title to, ownership of, or legal responsibility and/or liability for any and all contamination at the Site, including, but not limited to, the groundwater thereunder. "Contamination at the Site" includes but is not limited to any hazardous or toxic substance, or any other type of environmental hazard, contamination or pollution present at or under the Site, including, but not limited to the ground water thereunder, which is not brought onto the Site by Cornerstone, its officers, directors, employees, agents and/or subcontractors.
- 11.3 Cornerstone and the Client agree that the discovery of unanticipated Contamination at the Site may constitute a changed condition mandating renegotiation and/or termination of this Agreement. Cornerstone and the Client agree that the discovery of unanticipated Contamination at the Site may make it necessary for Cornerstone to take immediate measures to protect the public health, safety and the environment. The Client agrees that Cornerstone may take any or all measures that in Cornerstone's professional opinion are justified to preserve and protect the health and safety of Cornerstone's personnel, the public and the environment, and the Client agrees to compensate Cornerstone for the cost of such services.
- 11.4 The Client agrees to indemnify, defend and hold harmless Cornerstone, its officers, directors, employees, agents and/or subcontractors from any and all damages, losses or expenses, including, but not limited to, reasonable attorney's fees and legal costs connected therewith, liabilities, penalties and fines sustained by Cornerstone, its officers, directors, employees, agents and/or subcontractors as a result of any and all claim with respect to and arising out of any and all Contamination at the Site, provided that such claims are not the result of Cornerstone's breach of the standard of care set forth in Subsection 4.1 herein.
- 11.5 Subsurface sampling may result in unavoidable contamination of certain subsurface areas, as when a probe or boring is advanced or drilled through a contaminated area into a clean soil or water-bearing zone. Because of the risks posed by such work, and because subsurface sampling is often a necessary part of Cornerstone's Work, the Client hereby agrees to waive all claims against Cornerstone, its officers, directors, employees, agents and/or subcontractors with respect to and arising out of any and all subsurface sampling, including but not limited to claims relating to cross-contamination occurring because of such subsurface sampling, provided that such claims are not the result of Cornerstone's breach of the standard of care set forth in Subsection 4.1 herein.

12. Disposal of Samples and Drill Cuttings

- 12.1 Unless mutually agreed in writing by the Parties as provided in Subsection 1.1 herein, Cornerstone shall hold samples collected during the performance of the Work no longer than thirty (30) calendar days after their date of collection. Drill cuttings and waste materials will be left on-Site. In the event that soil, rock, water, drill cuttings and/or other samples or materials are contaminated or are suspected to contain hazardous materials or other toxic substances hazardous or detrimental to public health, safety or the environment as defined by federal, state or local law, Cornerstone will, after completion of testing, notify the Client of the same in order for the Client to arrange for the disposal of the samples and/or materials. The Client recognizes and agrees that Cornerstone at no time assumes title to said samples and/or materials, and that the Client is responsible for the disposal of such samples and/or materials. The Client agrees to pay all costs associated with any storage, transport and/or disposal of samples and/or materials, and to defend and indemnify Cornerstone, its officers, directors, employees, agents and/or subcontractors from any and all claims arising out of or in any way related to the storage, transport and/or disposal of asbestos, hazardous or toxic substances, and/or pollutants, including but not limited to any samples and/or materials.

13. Use and Ownership of Documents

- 13.1 All reports, letters, plans, figures, specifications, computer files, field data, logs, notes and other documents and instruments prepared by Cornerstone as instruments of service shall remain the property of Cornerstone. Cornerstone shall retain all common law, statutory and other reserved rights, including copyright thereto. In the event the Client, the Client's contractors or subcontractors, or anyone for whom the Client is legally liable makes or permits to be made any changes to reports, letters, plans, figures, specifications, computer files, field data, logs, notes and other documents prepared by Cornerstone without obtaining Cornerstone's prior written consent, the Client shall assume full responsibility for the results of such changes. Therefore, the Client agrees to waive any claim against Cornerstone and to release Cornerstone from any liability arising directly or indirectly from such changes. In addition, the Client agrees, to the

fullest extent permitted by law, to indemnify and hold harmless Cornerstone from any damages, liabilities or costs, including reasonable attorney's fees and costs of defense, arising from such changes.

The Client agrees that all reports, letters, plans, figures, specifications, computer files, field data, logs, notes and other documents and other services furnished to the Client or its agents and/or employees by Cornerstone, which are not paid for, shall be immediately returned upon demand and may not be used by the Client for any purpose. Any reports, letters, plans, figures, specifications, computer files, field data, logs, notes and other documents, advice or opinions provided by Cornerstone to the Client as part of the Work are provided for the sole and exclusive use of the Client for specific application to the Site detailed in this Agreement. Any third party use of any drafts, reports, letters, plans, figures, specifications, computer files, field data, logs, notes and other documents, advice or opinion of Cornerstone is the sole responsibility of the Client.

14. Insurance

- 14.1 Cornerstone, its officers, directors, employees and agents have and shall maintain during the term of this Agreement insurance in the following types: (a) Worker's Compensation Insurance; (b) Employer's Liability Insurance; (c) Commercial General Liability Insurance (GLI); and (d) Professional Liability Insurance.
- 14.2 Cornerstone shall, at the Client's request, provide the Client with a certificate of insurance or other satisfactory evidence that such insurance has been obtained and are maintained in force through the term of this Agreement. Any additional insurance policy or increase in the coverage of existing insurance required by the Client shall constitute an additional expense under this Agreement, and the Client shall reimburse Cornerstone for any additional premiums and costs incurred by Cornerstone in connection with obtaining such additional insurance.

15. Prevailing Wage Obligations

- 15.1 The Client shall notify Cornerstone in writing if the Work contemplated by this Agreement constitutes a "public work" under any and all federal, state and/or local prevailing wage laws, and/or living wage laws, including but not limited to the Davis-Bacon Act and the provisions of California Labor Code §§ 1720 *et seq.* In addition, the Client shall notify Cornerstone if Cornerstone is obligated by statute, any public contracting authority and/or a developer to pay prevailing wages and benefits and/or any predetermined wages or benefits (collectively, "prevailing wage obligations"). In the event that Cornerstone must adhere to federal, state and/or local prevailing wage obligations for the Work performed, the Client shall provide Cornerstone with any and all prevailing wage determinations applicable to the Work to be performed under this Agreement. Any prevailing wage obligations might affect the payment terms contemplated by this Agreement and thus constitute a changed condition mandating renegotiation and/or termination of this Agreement. The Client understands and agrees that Cornerstone will rely on the representations made by the Client with regard to prevailing wage obligations and the Client agrees to indemnify Cornerstone, its officers, directors, employees, agents and/or subcontractors against any and all claims, liabilities, suits, demands, losses, costs and expenses, including but not limited to reasonable attorney's fees and legal costs, arising from Cornerstone's reliance upon the Client's representations regarding prevailing wage obligations.

16. Limitations—THIS CLAUSE LIMITS CORNERSTONE'S LIABILITY

- 16.1 Cornerstone shall not be responsible for the validity or accuracy of data collected by others or for interpretations made by others.
- 16.2 Cornerstone's relationship with the Client under this Agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate Cornerstone, its officers, directors, employees, agents and/or subcontractors as employees, agents, joint ventures or partners of the Client. Cornerstone shall have no authority to bind, commit or obligate the Client in any manner and shall not hold itself out to third parties as being capable of doing so.
- 16.3 The Client and Cornerstone have discussed the risks and rewards associated with this project, as well as Cornerstone's fee for services. After negotiation, the Client and Cornerstone have expressly agreed to allocate certain of the risks so that, to the fullest extent permitted by law, the total aggregate liability of Cornerstone, its officers, directors, employees, agents and subcontractors to the Client and all third-parties is limited to \$50,000 or the amount of Cornerstone's fee, whichever is greater, for any and all injuries, damages, claims, losses, expenses, or claim expenses (including attorney's fees) arising out of this Agreement from any cause or causes. Such causes include but are not limited to Cornerstone's negligence, errors, omissions, strict liability, breach of contract or breach of warranty. In no event shall Cornerstone, its officers, directors, employees, agents and/or subcontractors be liable in contract, tort, strict liability, warranty or otherwise, for any special, incidental or consequential damages, such as but not limited to delay, disruption, loss of product, loss of anticipated profits or revenue, loss of use of any equipment or system, non-operation or increased expense of operation of any equipment or systems, cost of capital, or cost of purchase or replacement equipment systems or power.
- 16.4 Notwithstanding any other provision of this Agreement, the total aggregate liability of Cornerstone, its officers, directors, employees, agents and subcontractors to the Client and all third parties, including attorney's fees awarded pursuant to this Agreement, for claims, damages or losses arising out of the treatment, transport, storage, discharge, dispersal or release of hazardous materials, shall be limited to \$50,000 or the amount of Cornerstone's fee, whichever is greater and regardless of the legal theory under which liability is imposed.
- 16.5 For an additional 5% of Cornerstone's total fee or \$500, whichever is greater, Cornerstone will raise the limitation of liability up to the amount that actually would be paid by Cornerstone's insurance carriers if Client and Cornerstone initial below:

LIMITATION INCREASE: THE LIMITATION OF LIABILITY IS INCREASED TO THE ACTUAL AMOUNT PAID BY CORNERSTONE'S INSURANCE CARRIERS IN EXCHANGE FOR AN ADDITIONAL FEE OF 5% OF THE TOTAL SERVICE CHARGE OR \$500, WHICHEVER IS GREATER.

Client's Initial	Date	Cornerstone's Initial	Date
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- 16.6 The Client shall indemnify, defend and hold harmless Cornerstone and its officers, directors, employees, agents and subcontractors from any and all damages, losses, or expenses, included but not limited to reasonable legal expenses and attorney's fees connected therewith, sustained by Cornerstone, its officers, directors, employees, agents and subcontractors as a result of any and all claims, demands, suits, causes of action, proceedings, judgments and liabilities for property damage, statutory penalty and/or personal injury with respect to and arising out of the Client's negligent acts, omissions or material breach of this Agreement. In the event a claim is the result of joint negligent acts or omissions of the Client and Cornerstone, the Client's duty of indemnification shall be in proportion to its respective allocable share of the joint negligence.
- 16.7 Client acknowledges and agrees that in no event shall any action or proceeding be brought against Cornerstone or proceeding be brought against Cornerstone by Client or its assignees for any claim or cause of action arising from or in any way related to the Work or this Agreement unless such action or proceeding is commenced within three (3) years from the Date of Completion of Work provided by Cornerstone under this Agreement. The Date of Completion shall be the date of the final invoice for the Work performed under this Agreement.
- 16.8 If Client requests that Cornerstone's work product be relied upon by a third party, including, but not limited to a lender, Client agrees to provide the third party with a copy of these terms and conditions, and Client agrees to require said third party to agree to limit Cornerstone's total liability to Client and any third party as described in paragraph 16.4 and Client agrees to indemnify Cornerstone, its officers, directors, employees, agents and/or subcontractors against any and all claims, liabilities, suits, demands, losses, costs and expenses, including but not limited to reasonable attorney's fees and legal costs, arising from third party claims, damages, costs and losses arising out of or in any way related to Work.

17. Disputing Cornerstone's Performance

- 17.1 Except as provided in Section 6 and Subsection 17.2 herein, if Cornerstone shall breach any provision herein, the Client shall notify Cornerstone within five (5) business days of the Client's knowledge of such breach. Except as provided in Subsections 17.3 herein, upon receipt of the Client's notice, Cornerstone shall have the option to take such corrective measures, if any, to remedy the breach, and shall notify the Client within five (5) business days after receipt of the

Client's notification of the corrective measures Cornerstone shall take and the estimated time period within which the corrective measures shall be taken. In no event shall Cornerstone be liable to the Client for any damages without being given a reasonable opportunity to remedy its breach as provided herein.

17.2 The Client shall make no claim for professional negligence unless the Client has first provided Cornerstone with a written certification executed by an independent Consultant currently practicing in the same discipline and locality as Cornerstone and licensed in the State of California. This certification shall (a) contain the name and license number of the certifier; (b) specify the acts or omissions that the certifier contends are not in conformance with the standard care for a Cornerstone performing professional services under similar circumstances; and (c) state in detail the basis for the certifier's opinion that such acts or omissions do not conform to the standard of care. This certificate shall be provided to Cornerstone no less than thirty (30) calendar days prior to the presentation of any claim or the institution of any mediation, arbitration or judicial proceeding.

17.3 Cornerstone agrees that upon receipt of written notice from the Client pursuant to Subsection 17.2 herein it will implement necessary corrections to the Work performed by Cornerstone that fails to conform to the standard of care that Cornerstone has accepted pursuant to Subsection 4.1, as mutually agreed in writing by the Parties as provided in Subsection 1.1. herein, if such written notice is received within one (1) year of the performance of the Work failing to conform to Subsection 4.1. If Cornerstone has been paid by the Client for such Work, Cornerstone shall perform the corrections at its own expense. If Cornerstone has not been paid by the Client for such Work, and the Work is subsequently corrected to conform with the standard of care that Cornerstone has accepted pursuant to Subsection 4.1, the Client shall pay Cornerstone in accordance with Section 3 herein.

17.4 In no event shall Cornerstone, its officers, directors, employees, agents and/or subcontractors be liable for any special, incidental or consequential damages, such as but not limited to delay, disruption, loss of product, loss of anticipated profits or revenue, loss of use of any equipment or system, non-operation or increased expense of operation of any equipment or systems, cost of capital, or cost of purchase or replacement equipment systems or power, or any other incidental, special, indirect or consequential damages of any kind or nature whatsoever resulting from Cornerstone's performance or failure to perform the Work in accordance with the standard of care that Cornerstone has accepted pursuant to Subsection 4.1.

18. Termination

18.1 Cornerstone shall have the right to terminate this Agreement ten (10) business days after written notice is sent to the Client if (a) the Client fails to pay any of Cornerstone's undisputed invoices within sixty (60) days from the date of the invoice; or (b) Cornerstone's attached proposal and/or the Work was based upon misinformation, whether by the Client or a third party, or upon information not fully disclosed to Cornerstone, whether by the Client or a third party.

18.2 Except as provided for in Section 6, and after compliance with Section 17, the Client shall have the right to terminate this Agreement ten (10) business days after written notice is sent to Cornerstone if Cornerstone fails to comply in any material respect with any of the material provisions herein and subsequently fails to notify the Client pursuant to Subsections 17.1 and 17.3 of the corrective measures Cornerstone intends to take.

18.3 The termination of this Agreement by Cornerstone under Subsection 18.1 herein, or by the Client under Subsection 18.2 herein, shall not relieve the Client of its obligations to pay Cornerstone for any of the Work performed and expenses incurred as of the date of termination, and shall not constitute a waiver by Cornerstone or the Client of any cause of action for breach of this Agreement or any provision herein.

19. Miscellaneous Provisions.

19.1 "Indemnity" Defined. The term "indemnify" shall mean indemnify, defend and hold harmless from and against any and all claims, liabilities, suits, demands, losses, costs and expenses, including but not limited to reasonable attorney's fees and all legal costs incurred on appeal, and all interest thereon, accruing or resulting to any and all persons, firms, or any other legal entities, on account of any damages or losses to property or persons, including death or economic losses, arising out of the item, matter, action or inaction specified in the specific provision.

19.2 Choice of Counsel. In any circumstance whereby Cornerstone is entitled to indemnification by the Client, Cornerstone shall have the right to select counsel of its choosing.

19.3 Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the Parties and their successors and assigns as provided herein. The Client shall not assign, sell, transfer or subcontract this Agreement or any interest herein without the prior written consent of Cornerstone. Cornerstone shall not assign, sell, transfer or subcontract this Agreement or any interest herein without the prior written consent of the Client. The Client hereby consents to the subcontracting of those portions of the Work as the attached proposal herein indicates are or will be subcontracted. Notwithstanding the above, Cornerstone shall have the right to assign monies due hereunder for the Work performed and expenses incurred.

19.4 Third Party Beneficiaries. The Parties agree that this Agreement is not intended by either Cornerstone or the Client to give any benefits, rights, privileges, actions or remedies to any person or entity, partnership, firm or corporation as a third party beneficiary or otherwise under any theory of law, that is not a signatory to this Agreement.

19.5 Survival. In order that the Parties may fully exercise their rights and perform their obligations arising from the performance of this Agreement, any provisions of this Agreement that are necessary to ensure such exercise or performance shall survive the termination of this Agreement.

19.6 Severability. If any part, term or provision of this Agreement shall be held illegal, unenforceable or in conflict with any federal, state or local law having jurisdiction over this Agreement, the validity of the remaining parts, terms or provisions of this Agreement shall not be affected thereby.

19.7 Choice of Law and Venue. This Agreement shall be governed by California law. The venue for any legal action brought pursuant to this Agreement shall be located within the County of Santa Clara, State of California.

19.8 Publicity. Unless otherwise mutually agreed in writing by the parties as provided in Subsection 1.1, Cornerstone may use and publish the Client's name and a general description of Cornerstone's services with respect to the Work in describing Cornerstone's experience and qualifications to other clients or prospective clients.

19.9 Signatories. Each undersigned representative of the Parties to this Agreement certifies that he or she is fully authorized to enter into the terms and conditions of this Agreement and to execute and legally bind such Party to this document.

19.10 Corporate Protection. It is intended by the parties to this Agreement that Cornerstone's services in connection with the Work shall not subject Cornerstone's individual employees, officers or directors to any personal legal exposure for the risks associated with this Project. Therefore, and notwithstanding anything to the contrary herein, the Client agrees that as the Client's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against Cornerstone, a California Corporation, and not against any of Cornerstone's individual employees, officers or directors.

19.11 Code Compliance. Cornerstone shall exercise usual and customary professional care in its efforts to comply with applicable laws, codes and regulations as of the date of this Agreement.

19.12 Quotation. Unless stated in writing, this quotation shall not remain in effect after thirty (30) days of the Proposal date.

19.13 Contractors State License. Cornerstone maintains a General Engineering A license (No. 905816) with a Hazardous Substances Removal and Remedial Actions Certification with the State of California, which are regulated by the Contractors State License Board. Any questions concerning a contractor may be referred to the Registrar, Contractors State License Board, P.O. Box 26000, Sacramento, California 95826.

Hourly Fee Rates and Equipment Charges

Through December 31, 2017

Administrative Assistant	\$90
Engineering Technician I	\$100
Engineering Technician II	\$105
Dispatch	\$110
Technical Illustrator/CAD Operator	\$120
Supervisory Technician	\$125
Staff Engineer or Geologist	\$135
Senior Supervisory Technician	\$145
Senior Staff Engineer or Geologist	\$150
Project Engineer or Geologist	\$175
Principal Construction Services	\$180
Senior Project Engineer or Geologist	\$200
Principal Engineer or Geologist	\$235
Senior Principal Engineer or Geologist	\$255

Charges for personnel will be made in accordance with the above rates. For field engineers, geologists and technicians, regular rates are normal workday construction hours (Monday through Friday). For time spent over 8 hours in a day, time spent after 5 p.m., time spent on swing shifts, and time spent on Saturdays by field personnel, overtime rates will be charged at 1.5 times the hourly rate. Work on Sundays and holidays and work in excess of 12 hours in one day will be charged at 2.0 times the hourly rate. Field rates are based on a 48 hour notice. For less than a 48 hour notice, a 10 percent surcharge will be added. All field personnel, vehicle and equipment charges are portal to portal. Reproduction of project documents will be charged as a project expense. The hourly rate for professional staff to attend legal proceedings will be 2.0 times the hourly rate specified above.

Equipment Charges		Geotechnical Laboratory Tests	
		Tests Run During Normal Workday Hours	Tests Run Outside Workday Hours
Vehicle	\$16 per hour		
Nuclear Density Gauge	\$10 per test		
Slope Inclinometer	\$150 per day		
GPS Unit	\$30 per day		
Hand Auger Equipment	\$45 per day	Compaction Curve	\$300 each
Power Auger	\$100 per day	Compaction Check Point	\$150 each
PDR-1000 Dust Meter (3)	\$300 per day, \$1000 per week, \$3500 per month	Plasticity Index	\$220 each
PID ppm _v or PID ppb _v	\$125 per day, \$550 per week, \$1750 per month	Sieve/Hydrometer	\$220 each
Air Pump	\$75 per day, \$350 per week, \$1000 per month	Moisture Content	\$6 each
Weather Station	\$75 per day, \$350 per week, \$1000 per month	Moisture/Density	\$25 each
Benkelman Beam	\$150 per day, \$700 per week, \$2500 per month	#200 Wash	\$50 each
Double Ring Infiltrometer	\$100 per day	Sieve < 3/4 inch Liner (small)	\$115 each
Dynamic Cone	\$100 per day	Sieve > 3/4 inch Bucket (Large)	\$200 each
Insulated Sample Carrier	\$5 per day	Lime Stability	\$330 each
Depth Sounder	\$40 per day		
Liner and Two Caps	\$10 each		
Core N One Sampler	\$45 each triplicate sample		
Core N One Handle	\$50 each		
Modeling Software	\$25 per hour		
Plotter	\$5 per plot		
55-gallon Drum	\$90 each		

Direct Expenses

Reimbursement for the direct expenses listed below incurred in connection with the Work will be billed at cost plus 18 percent.

- 1) Drillers, utility locators, laboratories, contractors, hygienists, and consultants
- 2) Rented vehicles, public transportation, tolls, and air flights
- 3) Permits and special fees, insurances and licenses required to perform Work
- 4) Computer programs and rented field equipment
- 5) Large volume copying of project documents
- 6) Maps, photographs, and environmental databases
- 7) Overnight or same day delivery charges
- 8) Copying or production of over-sized figures and plans

If personnel are assigned to a project 100 miles or more from an office, \$125 per diem per person allowance will be charged. Unless mutually agreed in writing, Cornerstone will hold samples collected during the performance of the Work no longer than thirty (30) calendar days after their date of collection; project samples requested to be held greater than thirty (30) calendar days will be billed at \$100 per every ninety (90) calendar days. If payment is not received within 30 days of invoice date, the samples will be discarded.

Payment

Payment for Work completed is due upon receipt of Cornerstone's statement. Fixed fee or lump sum services will be billed for the agreed fixed fee. A service charge of 1.5 percent per month will be charged on accounts not paid within 30 days.

Prevailing Wage

Client must notify Cornerstone in writing if the Work is subject to "prevailing wage" under local, state or federal laws. If a "prevailing wage" obligation exists, Cornerstone's hourly rates for technicians and staff engineers and geologists will increase by 25 percent.