



**American Geotechnical, Inc.**  
GEOTECHNICAL/CIVIL ENGINEERING, TESTING & INSPECTION

October 4, 2023

File No. 6046-01

Mr. Mike Bible  
4335 Admirable Drive  
Rancho Palos Verdes, CA 90275

Subject: **PROPOSAL FOR SITE ASSESSMENT AND FLOOR-LEVEL SURVEY**  
Bible Residence  
4335 Admirable Drive  
Rancho Palos Verdes, California

Dear Mr. Bible:

American Geotechnical is pleased to provide this proposal for Geotechnical Consulting Services. It is our understanding that your home has been experiencing some foundation stress features since the last heavy rainy season. We would like to start with a site assessment and conduct a floor-level survey to help figure out what is going on and what the next steps would be to fixing the problem. The cost for our scope of work is \$2,800. If a subsurface investigation is needed, we will discuss this with you and begin a new phase of work. Any follow-up work such as repair inspections, investigation, etc. will be on a time-and-expense basis per the accompanying contract and schedule of fees.

Current California law requires American Geotechnical to have a signed Contract for all projects prior to commencing work. Accompanying this proposal is the American Geotechnical Contract for Services. This Contract includes our Consulting Order, Schedule of Fees, and Standard Form Agreement. As the words "Standard Form Agreement" suggest, the Contract language has been developed to consider a wide range of project conditions. The Client should read all aspects of the Contract carefully with the understanding that all aspects, including limitations of liability, can be negotiated. All work on this project will be performed under purview of this Contract.

Consulting services will be billed on a time-and-expense basis in accordance with our attached Fee Schedule and Standard Form Agreement. If the terms and conditions meet with your approval, please sign the Consulting Order, and return one fully executed copy to our office along with a \$1,500.00 retainer. Upon receipt of the executed Contract, we will proceed with the agreed-upon scope of work.

22725 Old Canal Road, Yorba Linda, CA 92887 - (714) 685-3900 - FAX (714) 685-3909  
2640 Financial Court, Suite A, San Diego, CA 92117 - (858) 450-4040 - FAX (858) 457-0814  
3100 Fite Circle, Suite 103, Sacramento, CA 95827 - (916) 368-2088 - FAX (916) 368-2188  
5600 Spring Mountain Road, Suite 201, Las Vegas, NV 89146 - (702) 562-5046 - FAX (702) 562-2457

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We appreciate the opportunity to be of service. If you have any questions or concerns, please do not hesitate to contact this office.

Respectfully submitted,

AMERICAN GEOTECHNICAL, INC.



Gregory W. Axten  
Principal Engineer/CEO

Enclosures: American Geotechnical, Inc., Contract for Services  
Distribution: Addressee (Email: [mike.bible64@gmail.com](mailto:mike.bible64@gmail.com))

SP/6046-01 Proposal GWA 10-4-23 DL  
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AMERICAN GEOTECHNICAL, INC. CONTRACT FOR SERVICES - PART I: CONSULTING ORDER

THIS CONTRACT (Part I: Consulting Order, Part II: Schedule of Fees and Part III: Standard Form Agreement) is between the Client and American Geotechnical ("AG"). The Client should read all aspects of this Contract with the understanding that all aspects, including limitation on liability, can be negotiated. AG agrees to provide technical services and professional advice and the Client agrees to pay for the services and advice in accordance with the provisions of this Contract (Standard Form Agreement, Schedule of Fees, and Consulting Order). AG and Client agree that the scope of work will be described in the Consulting Order and supplemental services will be provided on a time-and-expense basis. Changes in the Schedule of Fees, if any, will accompany supplemental Consulting Orders.

Consulting Order No.: 01 AG File Number: 6046
Project Name: Bible Residence
Site Location: 4335 Admirable Drive, Rancho Palos Verdes, California

Client: Mr. Mike Bible
Contact Person: Client File No.:
Address: 4335 Admirable Drive, Rancho Palos Verdes, CA 90275
Telephone: 310-425-6905 Fax: Email: Mike.boble64@gmail.com

Client Billing Address:
Contact Person: Billing Ref. #:
Telephone: Fax: Telephone:

THIS CONSULTING ORDER is issued pursuant to the Contract between American Geotechnical and the Client. The scope of services includes the following:

Geotechnical Consulting Services: site assessment and floor-level survey.

Unless otherwise specified, these services will be performed on a fixed-fee basis in accordance with the attached Schedule of Fees. The cost for services is \$2,800.00. A retainer of \$1,500.00 is requested. Any follow-up work such as repair inspections, investigation, etc. will be on a time-and-expense basis per the accompanying contract and schedule of fees.

Invoices for professional services, subcontractor fees, costs and expenses incurred shall be issued on a monthly basis with the billing cycle ending on the last Saturday of the month. Invoices are due upon receipt and are considered delinquent 30 days after receipt.

The undersigned individuals representing AG and the Client have read and negotiated this Contract as needed, understand and agree to the Contract terms and conditions, and are duly authorized to represent their respective parties to this Contract.

I have read and agree to the terms and conditions outlined in Parts I, II and III of this Contract.

AMERICAN GEOTECHNICAL, INC.

By: Gregory W. Axten
Title: Principal Engineer/CEO
Date: October 4, 2023
File #: 6046-01

CLIENT:
Print Client Name
Signature:
Print Name: Title
Date:
Tax ID or SS#:

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**American Geotechnical, Inc.**  
 GEOTECHNICAL/CIVIL ENGINEERING, TESTING & INSPECTION

**AMERICAN GEOTECHNICAL, INC. CONTRACT FOR SERVICES - PART II: SCHEDULE OF FEES**

**PROFESSIONAL SERVICES**

Principal Engineer .....	240.00/hr
Principal Geologist .....	240.00/hr
Chief Engineer.....	210.00/hr
Chief Geologist.....	210.00/hr
Senior Engineer.....	200.00/hr
Senior Geologist.....	200.00/hr
Project Engineer.....	175.00/hr
Project Geologist.....	175.00/hr
Staff Engineer.....	160.00/hr
Staff Geologist.....	160.00/hr
Staff Professional.....	160.00/hr
Laboratory Manager.....	150.00/hr
Senior Technician Services.....	150.00/hr
Field Technician Services.....	130.00/hr
Laboratory Technician Services.....	130.00/hr
Field Assistant.....	90.00/hr
Senior CAD Specialist.....	160.00/hr
CAD Specialist.....	125.00/hr
Office Services.....	90.00/hr
Labor Compliance Services.....	200.00/hr
Chief Information Services.....	200.00/hr

**SPECIAL EQUIPMENT**

900 Drone Equipment Usage .....	500.00/dy
911 Inclinometer Pipe & Materials.....	30.00/ft
912 Piezometer Pipe & Materials.....	20.00/ft
913 Shelby Tubes.....	150.00/ea
914 3 Inch Drive Tube (knocker).....	75.00/ea
915 Sample Cutter.....	95.00/ea
918 Concrete/Pavement Coring Machine.....	75.00/hr
919 Sinco Tilt Plate and Cover.....	600.00/ea
920 Applied Geomechanics High Sensitivity Tilt Meter Monitoring.....	400.00/dy
922 Applied Geomechanics Tilt Meter Probe of Sinco Fixed Inclinometer Monitoring.....	120.00/dy
925 Shelby Tube-Re-tip.....	100.00/ea
926 Thin Wall Tip (thin ring).....	140.00/ea
927 Thin Wall Re-tip.....	120.00/ea
928 Thick Wall Tip (thick ring).....	195.00/ea
929 Thick Wall Re-tip.....	150.00/ea
930 Sinco Inclinometer/Tilt Plate Monitoring.....	160.00/dy
932 Floor-Level Survey (Manometer).....	40.00/dy
933 Single Use Crack Gauge.....	60.00/ea
935 Concrete Slab Relative Humidity (per point, 6 minimum).....	40.00/ea
936 Crack Pin Monuments.....	100.00/set
937 Moisture Dome & Material.....	50.00/ea
938 Extensometer Monuments (2).....	120.00/set
939 Extensometer/Crack Pin Monitoring Device.....	60.00/dy
942 Vibrating Wire Piezometer – 50 ft.....	700.00/ea
943 Vibrating Wire Piezometer – 100 ft.....	800.00/ea
944 Vibrating Wire Piezometer – 150 ft.....	900.00/ea
947 Multi-gas Monitor.....	75.00/dy
972 Crack Monitor.....	50.00/ea
973 Thin Wall Sampling Adapter.....	600.00/ea
974 Thin Wall Split Tube – 21”.....	1100.00/ea
975 1” Sampling Rings.....	25.00/ea
976 Pneumatic Piezometer 50’.....	320.00/ea
977 Pneumatic Piezometer 100’.....	370.00/ea
978 Pneumatic Piezometer 150’.....	425.00/ea
979 Nuclear Gauge Rental Fee.....	50.00/dy

[wpdata/contract templates/FEE SCHEDULE 2023 G-23](#)

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980 Ground Penetrating Radar – half day .....	Quote
981 Ground Penetrating Radar – full day .....	Quote
993 Ultrasonic Testing – half day .....	Quote
994 Magnetic Particle Testing – half day.....	Quote
995 Dye Penetrant Test – half day .....	Quote
996 Electromagnetic Testing (Structural) .....	Quote
997 X-Ray Testing.....	Quote

**LABORATORY TEST SERVICES – SOIL AND AGGREGATE**

*(per test unless otherwise indicated)*

201 Moisture Content (D2216/CT216) .....	50.00
202 Moisture Density and Dry Unit Weight: (Rings) .....	80.00
203 Moisture Density and Dry Unit Weight: (Shelby Tubes) .....	160.00
204 Atterberg Limits (D4318) .....	360.00
205 Visual and Tactile Classification (D2488) .....	40.00
250 Particle Size Distribution (D1140).....	240.00
206 Particle Size Distribution/Hydrometer Combined (D1140 & D422) .....	420.00
207 Hydrometer Analysis (D422) .....	200.00
208 #200 Wash (C117, D1140).....	175.00
209 Specific Gravity - Soils (D854).....	160.00
251 Specific Gravity - Bulk (Wax Method D1188) .....	160.00
210 Specific Gravity & Absorption of Coarse Aggregate (C127/CT206) .....	195.00
238 Specific Gravity & Absorption of Fine Aggregate (C128/CT207) .....	180.00
211 Sand Equivalent (D2419/CT217).....	175.00
212 Swell or Collapse (Intact Air-Dry, HUD).....	170.00
213 Swell or Collapse (Remolded Air-Dry, HUD) .....	240.00
255 Swell or Collapse (Intact Nevada Amendments) .....	175.00
256 Swell or Collapse (Remolded Nevada Amendments).....	240.00
214 Expansion Index (D4829).....	250.00
215 Maximum Density (D1557-4").....	320.00
216 Maximum Density (D1557-6").....	420.00
217 Maximum Wet Density (CT216) .....	360.00
257 Maximum Density (check point) .....	150.00
221 Direct Shear: Quick, per point .....	220.00
222 Direct Shear: Slow, per point.....	360.00
232 Direct Shear: Quick, per point (remolded) .....	320.00
233 Direct Shear: Slow, per point (remolded).....	420.00
223 Direct Shear: Cyclic Residual, per point .....	420.00
224 Direct Shear: Constant Stress, per point .....	520.00
225 Consolidation, Time (D2435) 1 load test .....	320.00
226 Consolidation, No Time Monitoring (8-10 pt. Incremental) .....	320.00
227 Torsional Shear (D6467), per point .....	600.00
228 Special Sample Processing (per hour) .....	150.00
229 Moisture Density - Bulk.....	175.00
230 Rock Correction.....	125.00
231 Minimum Density.....	300.00
252 Resistance to Degradation – LA Rattler (C131/CT211).....	600.00
253 Unit Weight-Aggregates (C29/CT212).....	175.00
254 Hydro-Response (remolded) Swell or Collapse.....	360.00
234 Hydro-Response (Intact) Swell or Collapse .....	240.00
235 Hydro-Response (Intact-Air Dry) Swell or Collapse.....	240.00
236 Organic Impurities – Fine Aggregates (C40/CT213) .....	175.00
237 Organic Analysis-Soil (D2974) .....	140.00
239 Apparent Specific Gravity of Fine Aggregate (CT208).....	240.00
240 Clay Lumps & Friable Particles (C142).....	200.00
241 Durability Index – coarse or fine (CT229).....	360.00
242 Soil Suction Test (ASTM D6836).....	150.00
243 Plasticity Index (D424/CT204).....	295.00
244 Particle-Size Distribution-ret. on #200 (C136/CT202).....	150.00
246 CBR – Soil (D1883).....	400.00
247 CBR – Base.....	500.00
218 R-Value – Soil (D2844/CT301).....	400.00
219 R-Value with Additive (CT301) .....	475.00



245 R-Value Aggregate Base (D2844/CT301)	440.00
220 Unconfined Compression (D2166)	225.00
248 Cleanness Value (CT227)	240.00
258 Carbonation Test	50.00
261 Core Measurements	75.00
262 Core Photos	40.00
260 Porosity (ASTM C642-06)	175.00
275 Permeability Test (2434)	300.00
276 Permeability (ASTM D5084)	350.00
000 Outside Laboratory	Cost + 25%

**CHEMICAL PROPERTIES (base prices for 5 business day turnaround time)**

*(per test unless otherwise indicated)*

270 Sulfates (CTM417/ASTM D516)	80.00
271 Chlorides (CTM422/ASTM D512)	80.00
272 pH (CTM643/ASTMG51)	35.00
273 Resistivity (CTM643/ASTM G57)	80.00
274 Corrosivity (So <sub>4</sub> , Cl, pH and Resistivity)	265.00
277 Sulfide (ASTM D4658)	140.00
286 Turbidity (Iso 7027)	25.00
278 pH profile concrete (ASTM F710-11)	20.00/per hole
279 Acid Soluble Chloride (ASTM C1152)	300.00
280 Redox Potential (ASTM)	150.00
281 Resistivity and pH (ASTM method)	115.00
282 Full Corrosivity (EPA)	Cost + 25%
283 ORP (ASTM G200)	150.00
285 Water Soluble Chloride (ASTM C1218)	300.00
Additional Charge for Rush Service (3 business day turnaround time)	Cost + 25%
Additional Charge for Expedited Service (2 business day turnaround time)	Cost + 35%
Additional Charge for Overnight Service (1 business day turnaround time)	Cost + 50%

**CONCRETE**

800 Concrete Cylinder Compression test (C39/CTM521)	120.00/ea
816 Concrete Cylinder Compression test - capped (C39/CTM521)	150.00/ea
801 Concrete Flexural Strength – Beams (C78/CTM523)	300.00/ea
802 Concrete Cylinder Compression test w/Modulus of Elasticity (C469)	600.00/ea
803 Concrete Cylinder Compression Test Lightweight Concrete (C495)	110.00/ea
804 Concrete/Shotcrete/Gunite Cores 6"max. Diameter includes trim. (C42)	75.00/ea
806 Unit Weight of Hardened Light Weight Concrete (C567)	75.00/ea
807 Unit Weight of Hardened Light Weight Concrete – oven dry (C567)	150.00/ea
808 Equilibrium Density of Hardened Light Weight Concrete (C567)	200.00/ea
809 Rapid Cure Concrete Cylinders, Boil Method (C684)	100.00/ea
810 Splitting Tensile 6"x12" (C486)	120.00/ea
811 Lightweight Fill Concrete Density (C495)	75.00/ea
812 Density (Unit Weight) of Concrete (C138/CTM518)	75.00/ea
813 Air Content of Concrete, Pressure Method (C231/CTM504)	80.00/ea
814 Air Content of Concrete, Volumetric Method (C173/CTM543)	80.00/ea
815 Density Absorption/Voids in Hardened Concrete (C642)	240.00/ea

**MASONRY**

821 Mortar Cylinder Compression Test – 2"x4" (C780)	60.00/ea
822 Mortar Cubes Compression Test – 2"x2" (C109)	60.00/ea
823 Grout Cylinder Compression Test – 3"x6" (C1019)	90.00/ea
824 Grouted Prism Compression – Masonry Assemblage (C1314)	200.00/ea
825 Moisture Content as received (C140)	80.00/ea
826 Absorption, 3 required (C140)	60.00/ea
827 Measurements (C140)	75.00/ea
828 Compression 8"x8"x16", 3 required (C140)	120.00/ea
829 Linear Shrinkage, 3 required (C426)	120.00/ea
830 Masonry Core – Compression (C42)	120.00/ea
831 Masonry Core – Shear (C42)	125.00/ea
832 In Laboratory Core Cutting	90.00/ea



**BRICK (C67)**

836 Compression .....	65.00/ea
837 Modulus of Rupture .....	80.00/ea
838 Absorption, Soak or Boil .....	55.00/ea
839 Absorption, Saturation Coefficient .....	75.00/ea
840 Initial Rate of Absorption .....	75.00/ea

**ASPHALT CONCRETE**

(per test unless otherwise indicated)

890 Maximum Density (Hveem D1561).....	475.00/ea
891 Maximum Density (Marshall D6926) .....	400.00/ea
892 Thickness of core samples .....	40.00/ea
893 Density of core samples .....	90.00/ea
894 Resistance to Abrasion of Slurry Seal Mixes (D3910) .....	160.00/ea
895 Binder Content (Ignition Oven Method CT382/D6307/T308).....	500.00/ea
896 Gradation of Extracted Aggregate (including wash) CT202/C136 .....	200.00/ea
897 Extraction, % Asphalt (Reflux) D2171 .....	400.00/ea
898 Mix Design by Marshall or Stabilometer method .....	Quote



All billing rates will be reviewed annually at the end of each calendar year and may be subject to change depending on market conditions, prevailing wage determinations, and other variables.

As referenced in the Standard Form Agreement, Contract Part III, which is incorporated herein as though fully set forth, the rates of this fee schedule reflect a limitation of liability clause. The other terms and conditions described therein are applicable to all fees, charges, and services rendered and should be considered a part of this Schedule of Fees.

Executive professional will be charged at a rate of \$400.00 per hour, with deposition, arbitration, and trial testimony at \$540.00 per hour (minimum charge of two hours will apply). Principal professional will be charged at a rate of \$540.00 per hour for deposition, arbitration and trial testimony.

Deposition, arbitration, and trial appearances will be charged at a rate of \$400.00 per hour for professional staff, and \$325.00 per hour for all other staff.

Field inspections will be charged at hourly Fee Schedule rates, assuming a 48-hour notice is given. Field inspections will be charged at 1.5 times the hourly Fee Schedule rates, if less than a 48-hour notice is given. Field inspections will be charged at 2.0 times the hourly Fee Schedule rates if less than a 24-hour notice is given; however, inspection services cannot be guaranteed with less than a 24-hour notice.

Ring, soil, concrete, and other samples will be stored in five-gallon plastic units. A one-time set-up/inventory fee of \$50.00 will be charged per bucket. On completion of testing, at the Client's option, the Client shall, at Client's expense, arrange to pick up all remaining samples from the offices of American Geotechnical. Samples will be disposed of after 120 days unless other arrangements are made in writing by the Client.

Charges for additional services such as scanning, plotting, laminating, etc., will be charged at standard American Geotechnical rates which will be provided upon request.

Travel time, required to provide services, will be charged at the listed rate for the personnel providing the service. The minimum charge for field services will be two (2) hours. Time in excess of eight hours per day and time after 6:00 pm will be charged at 1.50 times the regular rates.

Outside services, subcontract costs, and other expenses will be charged on a cost plus 20 percent basis. Charges for special equipment, testing, and/or services will be by arrangement in accordance with the above fees on a unit and/or cost plus 20 percent basis. Unless otherwise stated, proposals are valid for 45 days from the date thereon.



**AMERICAN GEOTECHNICAL, INC. CONTRACT FOR SERVICES - PART III: STANDARD FORM AGREEMENT**

1. The Client will make available to AG all information regarding existing conditions and proposed uses at the site. The information shall include but not be limited to building plans, topographic and geologic maps, reports, historical information, test results, notes, and data. The Client authorizes AG to use all information supplied, agrees AG will not be liable for any incorrect advice, judgment or decision related to failure to provide information, incomplete information, or inaccurate information furnished by Client. AG agrees to backfill, patch, or otherwise restore areas of exploration. Client accepts that where destructive testing is conducted, restored conditions may not match prior conditions. The Client will be responsible for obtaining and paying for any permits related to new construction, repairs, and/or investigation of the site.

2. AG agrees to provide its advice, conclusions and recommendations based on factors such as information supplied by the Client, exploration, testing, analysis, and judgment. Client accepts that other consultants could provide different advice, conclusions and recommendations and that AG does not provide a warranty or guaranty, expressed or implied. Neither AG nor the Client shall transfer the obligations and rights under this Contract without prior written consent of the other party.

3. The entire AG project file will remain the business records of AG. All reports, maps, data, etc., forwarded to the Client and paid for by the Client remain the property of the Client. AG agrees to provide additional copies on request at reasonable costs.

4. Since proposals for consulting by AG are based upon investigation and/or testing and/or analysis yet to be conducted, the word "estimate" by AG should be interpreted as "best guess." Normally, costs will not exceed 25 percent of the total estimate without prior authorization. When unanticipated conditions are encountered which indicate to AG that costs will likely be greater than 25 percent over the estimate, additional authorization will be requested. AG estimates of costs for services do not include responses to requests for additional information by cities or other parties, meetings, mediations, trials, exhibits, etc.

5. This Contract may be terminated by either party by tendering written notice to the other party. This Contract may be terminated by either party for any reason including the discovery of unanticipated conditions. If Client terminates the Contract, the Client agrees to pay for the services rendered to date including reasonable costs for AG terminating subcontractors and testing, abandoning and/or restoring investigation sites, putting the AG file in order and discarding samples. AG reserves the right not to proceed with services until such time as retainers are received and payments for previous services are current. This Contract can only be modified by mutual agreement in writing. Any provision of this Contract later deemed unlawful shall be stricken from the Contract and shall not invalidate the remaining provisions.

6. AG shall have a lien, and Client hereby grants a lien, on client's cause(s) of action, judgment, settlement, property, and all amounts due or to be paid or which become due client, for all unpaid fees from the inception of the project, including all subcontract or other expenses advanced by AG per the Schedule of Fees. AG reserves the right to file a notice of lien in any lawsuit filed by client. Client agrees to pay in full all amounts owed to AG from the first distribution of any funds recovered by or on behalf of client, and hereby authorizes and instructs client's attorney to pay in full all amounts owed AG from the first distribution of any funds recovered by or on behalf of client.

7. ATTORNEYS' FEES AND COSTS: If any action or proceeding is instituted by any person to enforce or interpret the provisions hereof, the prevailing party in such action or proceeding shall be entitled to recover from the other party or parties its costs and expenses incurred in connection therewith including, without limitation, reasonable attorneys' fees and the costs and expenses of litigation or other related action.

8. LIMITATION OF LIABILITY: Client agrees to limit all liabilities, claims for damages, costs of defense, and other expenses levied against AG due to alleged defect, errors, omissions, and/or professional negligence to \$25,000 or AG's professional fees, whichever is greater. If Client desires to increase the limit on liability, please indicate by initialing the option below which includes an increase in fees.

\_\_\_\_\_I prefer to pay an additional 25 percent above this fixed fee quoted or 25 percent above the rates on the Schedule of Fees (whichever is applicable) for a total limit on liability up to one million dollars. The increase in fee should not be construed as insurance. The increase in fee is solely the result of increased risk to AG.

File No. 6046-01

Fee Schedule [G-23] Subject to Change Upon Notice