

**CONSTRUCTION MANAGEMENT AND CONSTRUCTION QUALITY
ASSURANCE SERVICES FOR VARIOUS LANDFILL
CONSTRUCTION PROJECTS FOR THE SAN BERNARDINO
COUNTY SOLID WASTE MANAGEMENT DIVISION**

EXHIBIT 2-COST PROPOSAL

Exhibit 2 - Cost Proposal

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS SOLID WASTE MANAGEMENT DIVISION (PWG-125-SOLID-5900)						
SOUTHSTAR ENGINEERING & CONSULTING, INC. RATE AND REIMBURSEMENT SCHEDULE (This rate schedule covers the period between October 27, 2025 and October 26, 2030)						
POSITION TITLE	BILLING RATE PER HOUR (NOT TO EXCEED)					
	2025	2026	2027	2028	2029	2030
Principal-in-Charge/Project Representative	\$ 335.00	\$ 345.05	\$ 355.40	\$ 366.06	\$ 377.05	\$ 388.36
Construction Manager	\$ 319.00	\$ 328.57	\$ 338.43	\$ 348.58	\$ 359.04	\$ 369.81
Structures Representative	\$ 307.00	\$ 316.21	\$ 325.70	\$ 335.47	\$ 345.53	\$ 355.90
Structures Inspector	\$ 307.00	\$ 316.21	\$ 325.70	\$ 335.47	\$ 345.53	\$ 355.90
Deputy Project Manager	\$ 150.00	\$ 154.50	\$ 159.14	\$ 163.91	\$ 168.83	\$ 173.89
Urban Planner	\$ 260.00	\$ 267.80	\$ 275.83	\$ 284.11	\$ 292.63	\$ 301.41
Transit Planner	\$ 330.00	\$ 339.90	\$ 350.10	\$ 360.60	\$ 371.42	\$ 382.56
Project Manager	\$ 312.00	\$ 321.36	\$ 331.00	\$ 340.93	\$ 351.16	\$ 361.69
Project Engineer/Plan Check	\$ 250.00	\$ 257.50	\$ 265.23	\$ 273.18	\$ 281.38	\$ 289.82
Resident Engineer	\$ 309.00	\$ 318.27	\$ 327.82	\$ 337.65	\$ 347.78	\$ 358.22
Assistant Resident Engineer	\$ 265.00	\$ 272.95	\$ 281.14	\$ 289.57	\$ 298.26	\$ 307.21
Construction Inspector	\$ 215.00	\$ 221.45	\$ 228.09	\$ 234.94	\$ 241.98	\$ 249.24
Electrical Inspector	\$ 215.00	\$ 221.45	\$ 228.09	\$ 234.94	\$ 241.98	\$ 249.24
Right-of-Way Manager/Engineer	\$ 255.00	\$ 262.65	\$ 270.53	\$ 278.65	\$ 287.00	\$ 295.61
Document Control Specialist	\$ 185.00	\$ 190.55	\$ 196.27	\$ 202.15	\$ 208.22	\$ 214.47
Labor Compliance	\$ 180.00	\$ 185.40	\$ 190.96	\$ 196.69	\$ 202.59	\$ 208.67
Public Outreach Specialist	\$ 175.00	\$ 180.25	\$ 185.66	\$ 191.23	\$ 196.96	\$ 202.87
Utilities Coordinator	\$ 208.00	\$ 214.24	\$ 220.67	\$ 227.29	\$ 234.11	\$ 241.13
Scheduler	\$ 230.00	\$ 236.90	\$ 244.01	\$ 251.33	\$ 258.87	\$ 266.63
Office Support	\$ 161.00	\$ 165.83	\$ 170.80	\$ 175.93	\$ 181.21	\$ 186.64
NOTES: 1) All Southstar Engineering & Consulting, Inc. rates shown above are subject to annual increase of 3% pending County approval. 2) Rates are inclusive of all professional expenses anticipated, such as insurance, printing, communications and travel. Costs for laptop, telephone, and vehicle usage are included in the rates listed above and no additional compensation will be required for these items. 3) Hourly rates are fully burdened or loaded, including full compensation for all overhead and profit. 4) These billing rates include estimated cost provisions for normal supplies and materials, in-house reproduction services, and local travel costs. 5) Prevailing wage rates shall apply to any skills or trades as required by law. 6) A 15% administrative markup will be utilized on subconsultant invoices, if allowed by the contract.						



**ON-CALL MAPPING AND SURVEY SERVICES
SAN BERNARDINO COUNTY NO. PWG125-SOLID-5900
FEE SCHEDULE**

(This rate schedule covers the period between October 27, 2025 and October 26, 2030)

Office Staff:

	10/25	10/26	10/27	10/28	10/29	10/30
Contract/ Survey Manager	\$260	\$275	\$290	\$305	\$320	\$340
Project Surveyor	\$220	\$235	\$250	\$265	\$280	\$295
Survey Analyst / Technician	\$185	\$195	\$205	\$215	\$225	\$240
Admin / Clerical	\$120	\$130	\$140	\$150	\$160	\$170

Note: Authorized overtime will be charged at 1.5 times the above rate.

Field Staff:

1 Person Field Crew *	\$265	\$280	\$295	\$310	\$325	\$345
2 Person Field Crew *	\$365	\$385	\$405	\$425	\$450	\$475
3 Person Field Crew *	\$465	\$490	\$515	\$540	\$570	\$600

CL Surveying and Mapping, Inc. is signatory to the International Union of Operating Engineers Local 12. Field surveyors are therefore paid prevailing wage rates for all work performed.

Reimbursable Expenses:

1. *3D Laser Scanner equipment is not included in our overhead rate and will be invoiced at an additional separate daily rate.*
2. *All field staff are subject to prevailing wages.*
3. *Aerial Mapping Costs by subconsultant Digital Mapping Inc. (DMI) will be invoiced as an ODC. A copy of invoices from DMI will be submitted for reimbursement.*



Exhibit 2 - Cost Proposal

2025 AMENDED BILLING RATE SCHEDULE (Verdantas West)

<u>Professional Services</u>	<u>Hourly Rate</u>	<u>Support Cont'd</u>	<u>Hourly Rate</u>
Senior Consultant I, Associate	\$250.00	Administrative//Technical	\$86.00
Senior Consultant II, Principal	\$280.00	Editor/ Project Coordinator I	
Senior Consultant III, Sr. Principal	\$330.00	Administrative//Technical	\$115.00
Project Manager	\$210.00	Editor/Project Coordinator II	
Senior Project Manager	\$230.00	Operations / Laboratory Manager	\$195.00
		Field/Lab Supervisor	\$160.00
Staff I Engineer/Scientist/Geologist	\$160.00		
Staff II Engineer/Scientist/Geologist	\$175.00	<u>CAD/GIS/Data Management</u>	<u>Hourly Rate</u>
Project Engineer/Scientist/Geologist	\$195.00	CAD Designer I	\$145.00
Senior Engineer/Scientist/Geologist	\$210.00	CAD Designer II	\$160.00
		Project Designer	\$165.00
<u>Support</u>	<u>Hourly Rate</u>	Senior Project Designer	\$185.00
Field/Lab Technician I	\$95.00	CAD Technician I	\$125.00
Field/Lab Technician II/Special Inspector	\$105.00	CAD Technician II	\$140.00
Field/Lab Technician III/Special Inspector II	\$115.00	CAD Technician III	\$150.00
Senior Technician/Senior Special Inspector	\$122.00		
Source Inspector	\$145.00	GIS Analyst I	\$150.00
System Operation & Maintenance Specialist	\$160.00	GIS Analyst II	\$160.00
Non-Destructive Testing (NDT) Specialist	\$170.00	Senior GIS Analyst	\$210.00
Prevailing Wage (Group 1) *	\$155.00	GIS Technician I	\$125.00
Prevailing Wage (Group 2) *	\$165.00	GIS Technician II	\$145.00
Prevailing Wage (Group 3) *	\$170.00		
City of Los Angeles Deputy Building/ Grading Inspector	\$165.00	Data Manager	\$165.00
		Senior Data Manager	\$185.00

NOTES:

- Standard Billing Rates:** Our standard billing rates are reviewed no less than annually and may be adjusted at those times.
- Proposal Expiration:** Proposals are valid for at least 30 days, subject to change after 30 days; unless otherwise stated in an attached proposal.
- *Prevailing Wages:** Our fees for prevailing wage work are based upon California prevailing wage laws and wage determinations. Unless specifically indicated in our proposal, costs for apprentice are not included. If we are required to have an apprentice on your project, additional fees will be charged. Prevailing wage rates will increase by \$8 on July 1st of each year.
- Expert Testimony:** Litigation, expert witness, and all other legal and court related appearances will be billed at twice the standard fee schedule rate. There is a minimum eight-hour charge per day and a minimum overall fee of \$3,000.00 per appearance.
- Higher Hourly Rates:** Certain services, such as emergency/rapid response consulting, may be subject to higher hourly billing rates as agreed upon on a project-specific basis.
- Overtime:** Standard overtime rate is per California Labor Law and is billed at 1.5 or 2 times their hourly billing rate. Overtime rate for non-exempt field personnel working on a Verdantas observed holiday is billed at 2 times their hourly billing rate. Overtime rate for Prevailing wage work is per the California Department of Industrial Relations (DIR) determination and is multiplied at 1.5 to 2 times their hourly billing rate for overtime and double-time, respectively.
- Field Equipment and Supplies:** Field equipment and in-house supplies will be billed at fixed unit prices, subject to periodic updates.
- Subcontractors and Project Expenses:** Heavy equipment, subcontractor fees and expenses, project-specific permits and/or licenses, project-specific supplemental insurance, travel, subsistence, project-specific parking charges, shipping, reproduction, and other reimbursable expenses will be invoiced at cost plus 20%, unless billed directly to and paid by client or in accordance with the specific project agreement.
- Mileage:** The mileage for personal vehicles will be billed at the current United States Internal Revenue Service reimbursement rate.
- Minimum Field Hourly Charges:** For Field Technicians, Special Inspectors, or any on-site (field) materials testing services:
 - 2 hours:** 2-hour minimum charge will be applied to any field visit for technicians or to any service canceled on the same day of service.
 - 4 hours:** 4-hour minimum charge up to the first four hours of work.
 - 8 hours:** 8-hour minimum charge for over four hours of work, up to eight hours.
 Project time accrued includes portal to portal travel time for technicians. For projects outside a 50-mile radius from the nearest Verdantas office location, excess mileage and travel time will be charged for special inspectors.
- Client Disclosures:** Client agrees to provide all information in Client's possession about actual or possible presence of buried utilities and hazardous materials on the project site, prior to fieldwork, and agrees to reimburse Verdantas for all costs related to unanticipated discovery of utilities and/or hazardous materials. Client is also responsible for providing safe and legal access to the project site for all Verdantas field personnel.
- Insurance & Limitation of Liability:** These rates are predicated on standard insurance coverage and a limit of Verdantas' liability equal to our total fees for a given project.

GEOTECHNICAL LABORATORY TESTING

METHOD	\$/TEST	METHOD	\$/TEST
<u>Classification & Index Properties</u>		<u>Soil Chemistry & Corrosivity cont'd</u>	
Photograph of sample	15	Sulfate content - by ion chromatograph (CTM 417 Part 2)	85
Moisture content (ASTM D2216)	25	Sulfate screen (Hach®)	35
Moisture & density (ASTM D2937) ring samples	37	Chloride content (AASHTO T291/CTM 422)	75
Moisture & density (ASTM D2937) Shelby tube or cutting	45	pH + minimum resistivity (CTM 643)	140
Atterberg limits 3 points (ASTM D4318)	160	Chloride content – by ion chromatograph (AASHTO T291/CTM 422)	85
- Single point, non-plastic	90	Corrosion suite: minimum resistivity, sulfate, chloride, pH (CTM 643)	285
- Atterberg limits (organic ASTM D2487 / D4318)	195	Organic matter content (ASTM D2974)	70
- Visual classification as non-plastic (ASTM D2488) Particle size:	15	<u>Consolidation & Expansion/Swell Tests</u>	
- Sieve only 1½ inch to #200 (AASHTO T27/ASTM C136/ASTM D6913/CTM 202)	155	Consolidation (ASTM D2435):	210
- Large sieve 6 inch to #200 (AASHTO T27/ASTM C136/ASTM D6913/CTM 202)	195	Each additional time curve.	50
- Hydrometer only (ASTM D7928)	120	Each additional load/unload w/o time reading	45
- Sieve + hydrometer ≤3 inch sieve, (ASTM D7928)	200	Expansion Index (ASTM D4829)	140
- Percent passing #200 sieve, wash only (ASTM D1140)	75	Relative compaction of untreated/treated soils/aggregates (CTM 216)	270
Specific gravity and absorption of fine aggregate (AASHTO T84/ASTM C128/ASTM D854/CTM 207)	140	Relative density 0.1 ft mold (ASTM D4253, D4254)	250
Specific gravity and absorption of coarse aggregate (AASHTO T85/ASTM C127/CTM 206)	110	California Bearing Ratio (ASTM D1883) - 3 point	535
Total porosity - on Shelby tube sample (calculated)	180	California Bearing Ratio (ASTM D1883) - 1 point	200
Total porosity - on other sample (calculated)	165	R-Value untreated soils/aggregates (AASHTO T190/ASTM D2844/CTM 301)	335
Shrinkage limits wax method (ASTM D4943)	135	R-Value lime or cement treated soils/aggregates (AASHTO T190/ASTM D2844/CTM 301)	365
Pinhole dispersion (ASTM D4647)	225	Swell collapse Method A up to 10 load/unloads w/o time curves (ASTM D4546-A)	310
Total porosity - on other sample (calculated)	165	Single load swell/collapse - Method B (ASTM D4546-B, seat, load & inundate only)	115
Dispersive characteristics (double hydrometer ASTM D4221)	215	<u>Triaxial Tests</u>	
As-received moisture & density (chunk/carved sample)	65	Unconfined compression strength of cohesive soil (with stress/strain plot, ASTM D2166)	145
Sand Equivalent (AASHTO T176/ASTM D2419/CTM 217)	115	Unconsolidated undrained triaxial compression test on cohesive soils(UU, ASTM D2850, USACE Q test, per confining stress)	185
Sieve + hydrometer ≤3-inch sieve, (ASTM D7928)	200	Consolidated undrained triaxial compression test for cohesive soils, (CU, ASTM D4767, USACE R-bar test) with back pressure saturation & pore water pressure measurement (per confining stress)	400
<u>Shear Strength</u>		Consolidated drained triaxial compression test (CD, USACE S), with volume change measurement. Price per soil type below EM 1110-21906(X):	
Pocket penetrometer	20	- Sand or silty sand soils (per confining stress)	400
Direct shear (ASTM D3080, mod., 3 points):		- Silt or clayey sand soils (per confining stress)	535
- Consolidated undrained - 0.05 inch/min (CU)	320	- Clay soils (per confining stress)	755
- Consolidated drained - <0.05 inch/min (CD)	385	- Three-stage triaxial (sand or silty sand soils)	700
Residual shear EM 1110-2-1906-IXA (price per each additional pass after shear)	55	- Three-stage triaxial (silt or clayey sand soils)	935
Remolding or hand trimming of specimens (3 points)	95	- Three-stage triaxial (clay soils)	1,320
Oriented or block hand trimming (per hour)	70	- Remolding of test specimens	70
Single point shear	115	<u>Hydraulic Conductivity Tests</u>	
Torsional shear (ASTM D6467 / ASTM D7608)	880	Triaxial permeability in flexible-wall permeameter with backpressure saturation at one effective stress (EPA 9100/ASTM D5084, falling head Method C):	335
<u>Compaction & Pavement Subgrade Tests</u>		Each additional effective stress	130
Standard Proctor compaction, 4 points (ASTM D698)		Hand trimming of soil samples for horizontal K	65
- 4-inch diameter mold (Methods A & B)	170	Remolding of test specimens	70
- 6-inch diameter mold (Method C)	230	Permeability of granular soils (ASTM D2434)	145
Modified Proctor compaction 4 points (ASTM D1557):		<u>Soil-Cement</u>	
- 4-inch diameter mold Methods A & B	235	Moisture-density curve for soil-cement mixtures (ASTM D558)	260
- 6-inch diameter mold Method C	265	Wet-dry durability of soil-cement mixtures (ASTM D559) ¹	1,290
Check point (per point)	70	Compressive strength of molded soil-cement cylinder (ASTM D1633) ¹	65
Relative compaction of untreated/treated soils/aggregates (CTM 216)	270	Soil-cement remolded specimen (for shear strength, consolidation, etc.) ¹	250
Relative density 0.1 ft mold (ASTM D4253, D4254)	250	¹ Compaction (ASTM D558 maximum density) should also be performed – not included in above price	
California Bearing Ratio (ASTM D1883) - 3 point	535		
California Bearing Ratio (ASTM D1883) - 1 point	200		
R-Value untreated soils/aggregates (AASHTO T190/ASTM D2844/CTM 301)	335		
R-Value lime or cement treated soils/aggregates (AASHTO T190/ASTM D2844/CTM 301)	365		
<u>Soil Chemistry & Corrosivity</u>			
pH Method A (ASTM D4972 or CTM 643)	50		
Electrical resistivity – single point – as received moisture	50		
Minimum resistivity 3 moisture content points (ASTM G187/CTM 643)	95		
pH + minimum resistivity (CTM 643)	140		
Sulfate content - gravimetric (CTM 417 B Part 2)	75		

CONSTRUCTION MATERIALS LABORATORY TESTING

METHOD	\$/TEST	METHOD	\$/TEST
Concrete Strength Characteristics		Aggregate Properties cont'd	
Concrete cylinders compression (ASTM C39) (6" x 12" and 4" x 8")	40	Flat & elongated particles in coarse aggregate (ASTM D4791/CTM 235)	230
Compression, concrete or masonry cores (testing only) ≤6 inch (ASTM C42)	45	Cleaness value of coarse aggregate (CTM 227)	225
Trimming concrete cores (per core)	25	Soundness, magnesium (AASHTO T104/ASTM C88/CTM 214)	240
Flexural strength of concrete (simple beam-3rd pt. loading, ASTM C78/CTM 523)	90	Soundness, sodium (AASHTO T104/ASTM C88/CTM 214)	695
Flexural strength of concrete (simple beam- center pt. loading, ASTM C293/CTM 523)	90	Masonry	
Non shrink grout cubes (2 inch, ASTM C109/C1107)	30	Mortar cylinders 2" x 4" (ASTM C780)	35
Drying shrinkage - four readings, up to 90 days, 3 bars (ASTM C157)	430	Grout prisms 3" x 6" (ASTM C1019).	35
Length of concrete cores (CTM 531)	45	Masonry cores compression, ≤6" diameter - testing only (ASTM C42)	45
Hot Mix Asphalt (HMA)		Masonry core shear testing (Title 24)	85
Resistance of compacted HMA to moisture-induced damage (AASHTO T283/CTM 371)	2,250	Veneer bond strength, cost for each - 5 required (ASTM C482)	60
Hamburg Wheel, 4 briquettes (modified) (AASHTO T324)	965	CMU compression to size 8" x 8" x 16" - 3 required (ASTM C140)	60
Superpave gyratory compaction (AASHTO T312/ ASTM D6925)	375	CMU moisture content, absorption & unit weight - 6 required (ASTM C140)	55
Extraction by ignition oven, percent asphalt (AASHTO T308/ASTM D6307/CTM 382)	160	CMU linear drying shrinkage (ASTM C426)	190
Ignition oven correction/correlation values (AASHTO T308/ASTM D6307/CTM 382)	1,445	CMU grouted prisms compression test ≤8" x 8" x 16" (ASTM C1314)	215
Extraction by centrifuge, percent asphalt (ASTM D2172)	160	CMU grouted prisms compression test > 8" x 8" x 16" (ASTM C1314)	270
Gradation of extracted aggregate (AASHTO T30/ ASTM D5444/CTM 202)	145	Fasteners/Bolts/Rods	
Stabilometer, S-Value (ASTM D1560/CTM 366)	285	F1554 Bolts, tensile test, ≤ up to 1-1/4" diameter, plain (ASTM A370)	110
Bituminous mixture preparation (AASHTO R30/ CTM 304)	85	F1554 Bolts, tensile test, ≤ up to 1-1/4" diameter, galvanized (ASTM A370)	130
Moisture content of HMA (AASHTO T329/ASTM D6037 /CTM 370)	65	F3125 GR A307, A325 Bolts, tensile test, ≤ up to 1-1/4" diameter, plain (ASTM A370)	70
Bulk specific gravity of compacted HMA, molded specimen or cores, uncoated (AASHTO T166/ ASTM D2726/CTM 308)	55	F3125 GR A307, A325 Bolts, tensile test, ≤ up to 1-1/4" diameter, galvanized (ASTM A370)	80
Bulk specific gravity of compacted HMA, molded specimen or cores, paraffin-coated (AASHTO T275/ ASTM D1188/CTM 308)	60	A490 Bolts, tensile test, ≤ up to 1-1/4" diameter, plain (ASTM A370)	70
Maximum density - Hveem (CTM 308)	215	A490 Bolts, tensile test, ≤ up to 1-1/4" diameter, galvanized (ASTM A370)	80
Theoretical maximum density and specific gravity of HMA (AASHTO T209/ASTM D2041/CTM 309)	140	A593 Bolts, tensile test, ≤ up to 1-1/4" diameter, stainless steel (ASTM A370)	70
Thickness or height of compacted bituminous paving Mixture specimens (ASTM D3549)	45	Reinforcing Steel and Prestressing Strands	
Wet track abrasion of slurry seal (ASTM D3910)	160	Rebar bend test, up to No. 11 (ASTM A370)	70
Rubberized asphalt (add to above rates)	+25%	Rebar bend test, ≥ No. 14 & over (ASTM A370)	215
Brick		Resistance butt-welded hoops/bars, tensile test, ≤ up to No. 10 (CTM 670)	70
Compression - cost for each, 5 required (ASTM C67)	55	Resistance butt-welded hoops/bars, tensile test, ≥ No. 11 & over (CTM 670)	90
Absorption - cost for each, 5 required (ASTM C67)	55	Mechanical rebar splice, tensile test, ≤ up to No. 11 (CTM 670)	70
Aggregate Properties		Mechanical rebar splice, slip test, ≤ up to No. 11 (CTM 670)	45
Bulk density and voids in aggregates (AASHTO T19/ ASTM C29/ CTM 212)	55	Mechanical rebar splice, tensile test, ≥ No. 14 & over (CTM 670)	215
Organic impurities in fine aggregate sand (AASHTO T21/ ASTM C40/CTM 213)	65	Mechanical rebar splice, slip test, ≥ No. 14 & over (CTM 670)	215
LA Rattler-smaller coarse aggregate <1.5" (AASHTO /ASTM C131/ CTM 211)	215	Headed rebar splice, tensile test, ≤ up to No. 11 (CTM 670)	70
LA Rattler-larger coarse aggregate 1-3" (AASHTO T96/ ASTM C535/CTM 211)	270	Headed rebar splice, tensile test, ≥ No. 14 & over (CTM 670)	215
Apparent specific gravity of fine aggregate (AASHTO T84/ ASTM C128/CTM 208)	140	Epoxy coated rebar/dowel continuity (Holiday) (ASTM A775/A934)	70
Specific gravity and absorption of coarse aggregate (ASTM C127/CTM 206) >#4 retained	110	Epoxy coated rebar flexibility/bend test, up to No. 11 (ASTM A775/A934)	50
Clay lumps, friable particles (AASHTO T112/ASTM C142)	190	Prestressing wire, tension (ASTM A416)	190
Durability Index (AASHTO T210/ASTM D3744/ CTM 229)	215	Sample preparation (cutting)	55
Moisture content of aggregates by oven drying (AASHTO T255/ASTM C566/CTM 226)	45	Epoxy coated rebar/dowel film thickness (coating) test (ASTM A775/ A934)	50
Uncompacted void content of fine aggregate (AASHTO T304/ ASTM C1252/ CTM 234)	140		
Percent of crushed particles (AASHTO T335/ ASTM D5821/CTM 205)	145		

CONSTRUCTION MATERIALS LABORATORY TESTING

METHOD	\$/TEST	METHOD	\$/TEST
Streetlights/Signals		Bearing Pads/Plates and Joint Seal	
LED Luminaires / Signal Modules / Countdown	By	Elastomeric bearing pads (Caltrans SS 51-3)	1,060
Pedestrian Signal Face Modules (Caltrans RSS 86)	Quote	Elastomeric bearing pad with hardness and compression tests (Caltrans SS 51-3)	1,315
Spray Applied Fireproofing		Type A Joint Seals (Caltrans SS 51-2)	1,735
Unit weight (density, ASTM E605)	65	Type B Joint Seals (Caltrans SS 51-2)	1,640
Sample Transport		Bearing plates (A536)	770
Pick-up and delivery (weekdays, per trip, <50 mile radius from our office)	110		

Notes

- Earth Material Samples:** Quoted testing unit rates are for soil and/or rock (earth) samples free of hazardous materials. Additional costs will accrue beyond these standard testing unit rates for handling, testing and/or disposing of soil and/or rock containing hazardous materials. Hazardous materials will be returned to the site or the site owner's designated representative at additional cost not included in listed unit rates. Standard turn-around time for geotechnical-laboratory test results is 10 working days. Samples will be stored for 2 months following completion of assigned tests, after which they will be discarded. Prior documented notification is required if samples need to be stored for a longer time. A monthly storage fee of \$15 per bag and \$6 per sleeve or tube will be applied. Quoted unit rates are only for earth materials sampled in California. There may be additional cost for handling imported samples.
- Construction Material Samples:** After all designated breaks for a given sample set meet specified compressive at design age or other client-designated strength, all "hold" cylinders or specimens will be automatically disposed of, unless specified in writing prior to the 28-day break. Unless specifically requested otherwise, all other construction materials will be disposed of after completion of testing and reporting.

EQUIPMENT LISTING

CLASSIFICATION	\$/UNIT	CLASSIFICATION	\$/UNIT
1/4 inch Grab plates	5/ each	Global Positioning System/Laser Range Finder	80/day
1/4 inch Tubing (bonded)	0.60/foot	Hand auger set	90/day
1/4 inch Tubing (single)	0.40/foot	HDPE safety fence (≤100 feet)	40/roll
3/8 inch Tubing, clear vinyl	0.60/foot	Horiba U-51 water quality meter	135/day
4-Gas meter (RKI Eagle or similar)/GEM 2000	140/day	Light tower (towable vertical mast)	150/day
Air flow meter and purge pump (200 cc/min)	55/day	Magnehelic gauge	15/day
Box of 24 soil drive-sample rings	130/box	Manometer	25/day
Brass sample tubes	11/each	Mileage (will adjust with IRS published rate)	0.70/mile
Caution tape (1000-foot roll)	22/each	Moisture test kit (excludes labor to perform test, ASTM E1907)	65/test
Combination lock or padlock	15/each	Nuclear moisture and density gauge	88/day
Compressed air tank and regulator	55/day	Electrical moisture and density gauge	88/Day
Concrete coring machine (≤6-inch-dia)	160/day	Pachometer	50/day
Consumables (gloves, rope, soap, tape, etc.)	40/day	Particulate Monitor	135/day
Core sample boxes	30/each	pH/Conductivity/Temperature meter	60/day
Crack monitor Two-Dimensional	30/each	Photo-Ionization Detector (PID)	150/day
Crack monitor Three-Dimensional	40/each	Pump, Typhoon 2 or 4 stage	55/day
Cutoff saws, reciprocating, electric (Sawzall®)	80/day	QED bladder pump w/QED control box	175/day
D-Meter Walking Floor Profiler	110/day	Quire fee – Phase I only	250/each
Disposable bailers	25/each	Resistivity field meter and pins	200/day
Disposable bladders	20/each	Slip / threaded cap, 2-inch or 4-inch diameter,	20/each
Dissolved oxygen meter	75/day	PVC Schedule 40	
DOT 55-gallon containment drum with lid	85/drum	Slope inclinometer	250/day
Double-ring infiltrometer	135/day	Soil sampling T-handle (Encore)	10/day
Dual-stage interface probe	85/day	Soil sampling tripod	40/day
Dynamic Cone Penetrometer	430/day	Speedy (R) moisture tester	10/day
Generator, portable gasoline fueled, 3,500 watts	90/day	Vapor sampling box	65/day
Stainless steel bailer	60/day	Vehicle usage (carrying equipment)	16/hour
Submersible pump with controller	180/day	VelociCalc	40/day
Submersible pump/transfer pump, 10-25 gpm	65/day	Visqueen (20 x 100 feet)	130/roll
Support service truck usage (well installation)	250/day	Water level indicator (electronic well sounder)	100/day
Survey/fence stakes	10/each	<300 feet deep well	
Tedlar® bags	25/each	ZIPLEVEL®.	40/day
Traffic cones (≤25)/barricades (single lane)	55/day	<i>Other specialized geotechnical and environmental testing and monitoring equipment are available, and priced per site</i>	
Turbidity meter	80/day		
Tyvek® suit (each)	25/each		