

# Attachment C - 1

## Schedule of Charges – 2022

### COMPENSATION

Our compensation will be determined on the basis of time and expenses in accordance with the following schedule unless a lump sum amount is so indicated in the proposal or services agreement. Current rates are:

<b>Professional Staff</b>	
Staff 1 Scientist	\$ 95/hour
Staff 1 Engineer	\$ 105/hour
Staff 2 Scientist	\$ 110/hour
Staff 2 Engineer	\$ 120/hour
Staff 3 Scientist	\$ 120/hour
Staff 3 Engineer	\$ 130/hour
Scientist 1	\$ 130/hour
Engineer 1	\$ 145/hour
Scientist 2	\$ 143/hour
Engineer 2	\$ 155/hour
Senior Scientist 1	\$ 165/hour
Senior Engineer 1	\$ 170/hour
Senior Scientist 2	\$ 180/hour
Senior Engineer 2	\$ 185/hour
Associate	\$ 210/hour
Principal	\$ 235/hour
Senior Principal	\$ 260/hour
<b>Technical Support Staff</b>	
Administrator 1	\$ 65/hour
Administrator 2	\$ 75/hour
Administrator 3	\$ 85/hour
CAD Technician	\$ 90/hour
CAD Designer	\$ 105/hour
CAD Design Coordinator	\$ 128/hour
*Technician	\$ 70/hour
*Senior Technician	\$ 85/hour
*Lead Technician	\$ 105/hour

\*Hours in excess of 8 hours in a day or 40 hours in a week will be charged at one and one-quarter times the hourly rates listed above.

Contracted professional and technical services will be charged at the applicable hourly rates listed above. Staff time spent in depositions, trial preparation and court or hearing testimony will be billed at one and one-half times the above rates. Time spent in either local or inter-city travel, when travel is in the interest of this contract, will be charged in accordance with the foregoing schedule. A surcharge may be applied to night and weekend work. See proposal for details.

Rates for data storage and web-based access will be provided on a project-specific basis.

**Equipment**

Blastmate, per day	\$	110.00
Concrete/Masonry Field Gear, per day	\$	20.00
Crack Gauges, per gauge	\$	25.00
Conductivity/Salinity Meter, per day	\$	15.00
D&M/Fixed Piston Sampler, per day (1 day min.)	\$	150.00
Data Logger - 8-channel, per day	\$	325.00
Field Data Acquisition Equipment, per day	\$	50.00
Flow Meter, per day	\$	100.00
Generator, per day (1 day min.)	\$	85.00
Geotechnical Hand Auger Equipment, per day	\$	125.00
GPS Unit - Professional Grade, per day	\$	100.00
Groundwater Sampling Bailers & Supplies, per well	\$	25.00
Hydrolab Multi Probe, per day	\$	100.00
Inclinometer, per day (1 day min.)	\$	225.00
Interface Probe, per day	\$	50.00
Nuclear Density Gauge, per hour (4 hour daily min.)	\$	10.00
PID, FID or OVA, per day	\$	120.00
Pump Controller & Nitrogen Pressure Regulator, per day	\$	150.00
Saximeter, per day	\$	25.00
Single Channel Data Logger w/Transducer, per day	\$	110.00
Soil Samples (in Rings), per sample	\$	8.00
Soil Samples (in Sleeves), per sample	\$	10.00
Spectro Photo Meter, per day	\$	45.00
Stereoscope, per day	\$	20.00
Strain Gauge Readout, per day	\$	45.00
Travel, pickup truck (not rig), \$125 per day within 50 miles of office location, then \$0.60 per mile	\$	125.00/ 0.60

*Specialized and miscellaneous field equipment not listed above will be quoted on a project-specific basis.*

**OTHER SERVICES, SUPPLIES AND SPECIAL TAXES**

Charges for services, equipment, supplies and facilities not furnished in accordance with the above schedule, and any unusual items of expense not customarily incurred in our normal operations, are charged at cost plus 15 percent. This includes shipping charges, subsistence, transportation, printing and reproduction, miscellaneous supplies and rentals, surveying services, drilling equipment, construction equipment, watercraft, aircraft, and special insurance which may be required. Taxes required by local jurisdictions for projects in specific geographic areas will be charged to projects at direct cost.

**Associated Project Costs (APC)**

Computer hardware and software, telephone and fax communications, printing and photocopying and routine postage via USPS will be charged at a flat rate of 6 percent of labor charges.

**All rates are subject to change upon notification.**

## Laboratory Schedule of Charges – 2022

Type of Test	Unit Price
<b>Classification</b>	
Moisture content with visual classification ASTM D2216	\$ 15
Atterberg limit determination (liquid and plastic) - (1 pt. Method B) D4318	\$ 70
Shrinkage limit (by Way Method) D4943	\$ 95
Unit weight, including moisture content D7263	\$ 26
pH Determination of Soils D4972	\$ 50
Specific gravity of Soils D854	\$ 125
Soil Resistivity (per point) G187	\$ 75
Organic content determination D2974	\$ 80
Resonant Column, dynamic testing D4015	\$ On request
California bearing ratio, three test cylinders with plots D1883	\$ 575
<b>Grain Size Analyses</b>	
Sieve analysis, wet D6913, C136 (all soils with small particles)	\$ 80
Sieve analysis, dry D6913, C136 (large rock, limestone, etc.)	\$ 85
Hydrometer analysis with wet sieve D422	\$ 160
Washover #200 sieve D1140	\$ 50
<b>Strength Tests</b>	
Pocket Penetrometer or Tor-Vane WK27337, D4648	\$ 15
Miniature vane shear	\$ 45
Unconfined compression (with moisture content and density) D2166	\$ 55
Triaxial compression loading	
Unconsolidated-Undrained Triaxial Compression (UU) D2850	\$ 75
Consolidated-Undrained Triaxial Compression – single stage (CIU) D4767	\$ 450
Additional stages	\$ 210
With pore pressure measurements/stage	\$ 85
Consolidated-Drained Triaxial Compression – 1 sample 3 stage D7181	\$ 1,700
Additional stage	\$ 450
Anisotropic Ko Triaxial Compression	\$ On request
Direct shear sand D3080	\$ 400
Direct shear clay D3080	\$ 650
Breaking concrete or rock core C39, D7012	\$ 35
Breaking soil-cement, soil-lime cylinder D1633, D5102	\$ 40
<b>Volumetric Tests</b>	
Incremental Consolidation without rebound D2435 - 9 loads	\$ 500
Incremental Consolidation with rebound loop - 12 loads	\$ 560
Additional load	\$ 35
Constant rate of strain consolidation without rebound D4186	\$ 550
Constant rate of strain consolidation with rebound loop	\$ 600
One cycle secondary consolidation on one load increment	\$ 115
Low stress consolidation	\$ 2,500
Volumetric swell	\$ 375
Swelling pressure D4546	\$ 335
<b>Permeability Tests</b>	
Permeability, falling or constant head D5856, D2434	\$ 295
Triaxial D5084	\$ 395
Capillary Rise test	\$ 150
<b>Moisture-Density Tests</b>	
Standard Proctor 4 inch cylinder D698	\$ 175
6 inch cylinder	\$ 240
Modified Proctor 4 inch cylinder D1557	\$ 240
6 inch cylinder	\$ 295

Type of Test	Unit Price
Aggregate Proctor (DOTD Method G or ASTM Method C)	\$ 500
Maximum & Minimum density (shaking table) D4253	\$ 250
<b>Miscellaneous</b>	
Stress-strain or time settlement plots	\$ 20
Remolding of slickensided clays or other clay samples (remold only)	\$ 25
Extruding sample from Shelby tube	\$ 20
Dry sample preparation	\$ 30
Preserving extruded sample	\$ 20
Lime mixing for conditioning soil, per percentage point	\$ 75
Molding and curing soil-cement or soil-lime cylinder	\$ 75
Trimming concrete or rock core	\$ 40
Visual description classification only D2488	\$ 10
Compositing of samples (per hour of tech time)	\$ 50/hr

Please contact us regarding test procedures that are not listed. Above rates apply to uncontaminated soil samples only. If hazardous materials are present, the client will be contacted. Testing of contaminated samples will be quoted on a project specific basis.

**All rates are subject to change upon notification.**