

RFP 22-006 Soils and Materials Testing and Engineering 2022-2024 - Unit Cost by Proposer

Soils and Materials Testing and Engineering

Date: January 26, 2022

Deadline for Submittal: **11:00AM**

Geo Services Inc. Naperville, IL	CGMT, Inc. Elk Grove Village, IL	SEECO Consultants Inc., Tinley Park, IL
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* Not IDOT Prequalified

Description: Personnel	Unit Price (Per Hour)	Unit Price (Per Hour)	Unit Price (Per Hour)
1 Material Tester I / Level 1 ACI, HMA Technician	\$70.00	\$82.50	\$109.00
2 Material Tester 2 / Level 2 PCC, HMA, Soil Technician	\$75.00	\$85.50	\$114.00
3 Prevailing Wage Administrator	\$60.00	\$45.00	\$0.00
4 Field Engineer	\$80.00	\$77.00	\$116.00
5 Staff (graduate) Engineer	\$80.00	\$85.00	\$112.00
6 Project Engineer or Materials Consultant, P.E.	\$90.00	\$95.00	\$125.00
7 Geotechnical Engineer	\$130.00	\$85.00	\$135.00
8 Principal Engineer	\$130.00	\$125.00	\$180.00
	\$715.00	\$680.00	\$891.00
Description: Laboratory Services	Unit Price (Per Test)	Unit Price (Per Test)	Unit Price (Per Test)
Soils and Backfill			
1 Aggregate Gradation – Washed Sieve Analysis ASTM C 117	\$90.00	\$80.00	\$110.00
2 Aggregate Gradation – Mechanical Analysis ASTM C 136	\$90.00	\$75.00	\$95.00
3 Aggregate Gradation – Bulk Density & Voids ASTM C 29	\$65.00	\$40.00	\$125.00
4 Soils Gradation, Combined Sieve & Hydrometer	\$115.00	\$150.00	\$190.00
5 Atterberg Limits	\$50.00	\$85.00	\$95.00
6 Moisture-Density Relationship ASTM D 698	\$150.00	\$145.00	\$185.00
7 Moisture-Density Relationship ASTM D 1557	\$150.00	\$155.00	\$195.00
8 Illinois Bearing Ratio, w/Moisture-Density, AASHTO T 193 IL Modified	\$450.00	\$400.00	\$500.00
9 Unconfined Compressive Strength of undisturbed soil samples			
Rimac (IDOT) Method	\$10.00	\$10.00	\$10.00
Stress-Strain curve, ASTM D 2166	\$100.00	\$55.00	\$30.00
10 Moisture Content of Soil/Aggregate, ASTM D 2216/566	\$5.00	\$5.00	\$5.00
11 Total Organic Matter by Wet Combustion Method, AASHTO T 194	\$100.00	\$85.00	\$85.00
12 pH of Soil, ASTM D 4972	\$25.00	\$35.00	\$25.00
	\$1,400.00	\$1,320.00	\$1,650.00
Concrete and Masonry			
1 Compressive Strength tests of concrete cylinders, including expendable supplies (molds), curing (pick-up additional)	\$15.00	\$15.00	\$18.00
2 Compressive Strength tests of concrete cylinders, including expendable supplies (molds), curing made by others (pick-up additional)	\$15.00	\$15.00	\$18.00
3 1. Compressive Strength of grout cylinders (3"x6") or mortar cubes (2"x2") including molds, supplies, curing (pick-up additional)	\$15.00	\$18.00	\$20.00
4 Strength of masonry units, prisms (pick-up additional)	\$200.00	\$50.00	\$225.00
	\$245.00	\$98.00	\$281.00
Hot Mix Asphalt			
1 Theoretical Maximum Density	\$0.00	\$85.00	\$95.00
2 Asphalt Content by Reflux Extraction with Gradation	\$185.00	\$150.00	\$200.00
3 Asphalt Content by Ignition Oven with Gradation	\$185.00	\$140.00	\$190.00
4 Bulk Specific Gravity of Gyrotory Specimen (set of two) and air voids	\$35.00	\$85.00	\$200.00
5 Tensile Strength Ratio, per mix	\$0.00	\$125.00	\$450.00
6 Core Density and Thickness, lab test	\$90.00	\$40.00	\$45.00
	\$495.00	\$625.00	\$1,180.00
Field Sampling			
1 Mobilization of Core Rig and Personnel	\$500.00	\$145.00	\$175.00
2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole	\$500.00	\$165.00	\$225.00
3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole	\$700.00	\$165.00	\$250.00
4 Mobilization of Drill Rig and Personnel	\$1,000.00	\$500.00	\$175.00
5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5' intervals with water content, dry unit weight	\$300.00	\$125.00	\$215.00
6 Subgrade Soil Probe, 10 ft. deep, including sampling at 2.5' intervals with water content, dry unit weight	\$500.00	\$205.00	\$415.00
	\$3,500.00	\$1,305.00	\$1,455.00
Miscellaneous Services			
1 Provide Correlated Nuclear gauge on job site (daily flat fee)	\$60.00	\$35.00	\$30.00
2 Concrete cylinder pick (dedicated trip)	\$150.00	\$95.00	\$0.00
3 Phase One Environmental Site Assessment (Village utility repair/ excavation stockpile)	\$660.00	\$1,100.00	\$1,200.00
	\$870.00	\$1,195.00	\$1,200.00

Indicates no price provided, not necessarily a no-cost service