Soils and Materials Testing and Engineering 2019-2021 - Proposal Comparison

Soils and Materials Testing and Engineering		Millenia					
Date: March 8, 2019	Geo Services	Professional		SEECO	NASHnal Soil	ECS Midwest,	Geocon
Time: 11:00AM	Inc. Naperville,	Services of IL	CGMT, Inc. Elk Grove Village, IL	Consultants Inc., Tinley Park.	Testing, LLC	LLC Bridgeview	Professional Services,
	IL	Ltd., Downers Grove, IL		IL ,	Plainfield IL	IL	Frankfort, IL
* Not IDOT Prequalified	Heit Beier	-	Herit Beier	Halt Balan	Herit Beier	Heit Belee	Unit Dais
Description: Personnel	Unit Price (Per Hour)	Unit Price (Per Hour)	Unit Price (Per Hour)	Unit Price (Per Hour)	Unit Price (Per Hour)	Unit Price (Per Hour)	Unit Price (Per Hour)
1 Material Tester I / Level 1 ACI, HMA Technician	\$100.00	\$101.00	\$77.50	\$109.00	\$85.00	\$98.00	\$108.00
2 Material Tester 2 / Level 2 PCC, HMA, Soil Technician	\$103.00	\$103.00	\$80.50	\$114.00	\$90.00		\$108.00
3 Prevailing Wage Administrator	\$60.00	\$65.00	\$35.00		\$72.00		\$40.00
4 Field Engineer	\$105.00	\$115.00	\$70.00		\$85.00		\$110.00
5 Staff (graduate) Engineer	\$105.00	\$98.00	\$80.00	\$110.00	\$90.00		\$110.00
6 Project Engineer or Materials Consultant, P.E.	\$110.00	\$115.00	\$90.00	\$120.00	\$125.00		\$125.00
7 Geotechnical Engineer	\$165.00	\$115.00	\$85.00	\$130.00	\$90.00		\$155.00
8 Principal Engineer	\$175.00	\$180.00	\$125.00	\$170.00	\$110.00		\$185.00
	\$923.00	\$892.00	\$643.00	\$868.00	\$747.00	\$1,036.00	\$941.00
Description: Laboratory Services	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
Soils and Backfill	(Per Test)	(Per Test)	(Per Test)	(Per Test)	(Per Test)	(Per Test)	(Per Test)
Aggregate Gradation – Washed Sieve Analysis ASTM C 117	\$105.00	\$130.00	\$75.00		\$90.00	\$125.00	\$50.00
2 Aggregate Gradation – Mechanical Analysis ASTM C 136	\$125.00	\$115.00	\$65.00	\$95.00	\$75.00		\$50.00
3 Aggregate Gradation – Bulk Density & Voids ASTM C 29	\$75.00	\$225.00	\$40.00		\$90.00		\$75.00
4 Soils Gradation, Combined Sieve & Hydrometer	\$125.00	\$165.00	\$140.00		\$140.00		\$225.00
5 Atterberg Limits	\$125.00	\$135.00	\$85.00	\$95.00	\$75.00		\$125.00
6 Moisture-Density Relationship ASTM D 698	\$200.00	\$175.00	\$135.00	\$180.00	\$140.00		\$175.00
7 Moisture-Density Relationship ASTM D 1557	\$225.00	\$195.00	\$145.00	\$190.00	\$165.00		\$225.00
8 Illinois Bearing Ratio, w/Moisture-Density, AASHTO T 193 IL Modified	\$475.00	\$225.00	\$400.00	\$500.00	\$365.00	\$600.00	\$300.00
9 Unconfined Compressive Strength of undisturbed soil samples							
Rimac (IDOT) Method	\$15.00	\$25.00	\$10.00			\$200.00	\$10.00
Stress-Strain curve, ASTM D 2166	\$55.00	\$150.00	\$45.00		\$90.00		\$10.00
10 Moisture Content of Soil/Aggregate, ASTM D 2216/566	\$7.50	\$9.00	\$4.00	\$5.00	\$8.00		\$10.00
11 Total Organic Matter by Wet Combustion Method, AASHTO T 194	\$125.00	\$150.00	\$85.00	\$85.00	\$65.00		\$45.00
12 pH of Soil, ASTM D 4972	\$25.00	\$18.00	\$30.00	\$25.00	\$65.00		44 000 00
C	\$1,682.50	\$1,717.00	\$1,259.00	\$1,640.00	\$1,368.00	\$2,282.00	\$1,300.00
Concrete and Masonry 1 Compressive Strength tests of concrete cylinders, including expendable							
supplies (molds), curing (pick-up additiona	\$18.00	\$18.00	\$14.00	\$19.00	\$15.50	\$15.00	\$17.00
2 Compressive Strength tests of concrete cylinders, including expendable	£45.00	\$16.00	\$14.00		\$15.50	\$15.00	\$17.00
supplies (molds), curing made by others (pick-up additiona	\$15.00	210.00	\$14.00	\$19.00	\$15.50	\$15.00	\$17.00
3 1. Compressive Strength of grout cylinders (3"x6") or mortar cubes (2"x2")							
	\$15.00	\$35.00	\$18.00	\$20.00	\$15.50	\$15.00	\$18.00
including molds, supplies, curing (pick-up additiona	\$15.00	\$35.00	\$18.00	\$20.00	\$15.50	\$15.00	\$18.00
including molds, supplies, curing (pick-up additiona 4 Strength of masonry units, prisms (pick-up additional)	\$300.00	\$300.00	\$45.00	\$225.00	\$165.00	\$200.00	\$18.00
4 Strength of masonry units, prisms (pick-up additional)		•				\$200.00	
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt	\$300.00 \$348.00	\$300.00 \$369.00	\$45.00 \$91.00	\$225.00 \$283.00	\$165.00 \$211.50	\$200.00 \$245.00	\$18.00 \$70.00
Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt Theoretical Maximum Density	\$300.00 \$348.00 \$160.00	\$300.00 \$369.00 \$175.00	\$45.00 \$91.00 \$85.00	\$225.00 \$283.00 \$95.00	\$165.00 \$211.50 \$80.00	\$200.00 \$245.00 \$130.00	\$18.00 \$70.00 \$75.00
Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt Theoretical Maximum Density Asphalt Content by Reflux Extraction with Gradation	\$300.00 \$348.00 \$160.00 \$250.00	\$300.00 \$369.00 \$175.00 \$195.00	\$45.00 \$91.00 \$85.00 \$140.00	\$225.00 \$283.00 \$95.00 \$200.00	\$165.00 \$211.50 \$80.00 \$120.00	\$200.00 \$245.00 \$130.00 \$100.00	\$18.00 \$70.00 \$75.00 \$220.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$80.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$200.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$650.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$150.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$80.00 \$125.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$200.00 \$450.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$160.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$650.00 \$270.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00	\$300.00 \$369.00 \$175.00 \$195.00 \$150.00 \$500.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$80.00 \$125.00 \$30.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$160.00 \$40.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$650.00 \$270.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$500.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$150.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$80.00 \$125.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$160.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$650.00 \$270.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$500.00 \$35.00 \$1,250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$80.00 \$125.00 \$30.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00 \$1,180.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$160.00 \$600.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$650.00 \$270.00 \$1,400.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$500.00 \$55.00 \$1,045.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00	\$300.00 \$369.00 \$175.00 \$195.00 \$150.00 \$500.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$80.00 \$125.00 \$30.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00 \$1,180.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$40.00 \$600.00	\$200.00 \$245.00 \$130.00 \$150.00 \$650.00 \$270.00 \$1,400.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$500.00 \$1,045.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$500.00 \$35.00 \$1,250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$80.00 \$125.00 \$30.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00 \$1,180.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$160.00 \$600.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$650.00 \$270.00 \$1,400.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$500.00 \$55.00 \$1,045.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$500.00 \$35.00 \$1,250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$125.00 \$30.00 \$125.00 \$125.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00 \$1,180.00 \$1,75.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$40.00 \$40.00 \$250.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$270.00 \$100.00 \$1,400.00 \$500.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$55.00 \$1,045.00 \$350.00 \$350.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$300.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$350.00 \$350.00 \$150.00 \$250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$30.00 \$25.00 \$30.00 \$125.00 \$125.00 \$125.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00 \$175.00 \$175.00 \$175.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$40.00 \$40.00 \$600.00 \$550.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$270.00 \$1,400.00 \$1,400.00 \$250.00 \$250.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$10.00 \$55.00 \$1,045.00 \$350.00 \$250.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$350.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$500.00 \$35.00 \$1,250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$130.00 \$125.00 \$30.00 \$125.00 \$125.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$450.00 \$175.00 \$175.00 \$175.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$100.00 \$40.00 \$40.00 \$250.00 \$50.00 \$50.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$270.00 \$100.00 \$1,400.00 \$500.00 \$250.00 \$250.00 \$275.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$550.00 \$1,045.00 \$250.00 \$250.00 \$250.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel 5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$300.00	\$300.00 \$369.00 \$175.00 \$195.00 \$150.00 \$35.00 \$150.00 \$250.00 \$250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$30.00 \$30.00 \$25.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00 \$125.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$200.00 \$45.00 \$45.00 \$1,180.00 \$175.00 \$200.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$40.00 \$40.00 \$600.00 \$550.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$270.00 \$1,400.00 \$1,400.00 \$250.00 \$250.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$10.00 \$55.00 \$1,045.00 \$350.00 \$250.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$350.00 \$275.00	\$300.00 \$369.00 \$175.00 \$195.00 \$150.00 \$35.00 \$1,250.00 \$250.00 \$250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$140.00 \$30.00 \$30.00 \$30.00 \$125.00 \$125.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00	\$225.00 \$283.00 \$295.00 \$200.00 \$200.00 \$200.00 \$450.00 \$45.00 \$11,180.00 \$175.00 \$200.00 \$255.00 \$200.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$212.00 \$80.00 \$40.00 \$40.00 \$40.00 \$50.00 \$50.00 \$50.00 \$40.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$270.00 \$1,400.00 \$270.00 \$270.00 \$270.00 \$1,400.00 \$1,400.00 \$250.00 \$250.00 \$275.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$10.00 \$55.00 \$1,045.00 \$250.00 \$250.00 \$250.00 \$250.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel 5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water content, dry unit weight, patch hole	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$350.00 \$275.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$500.00 \$35.00 \$250.00 \$250.00 \$250.00	\$45.00 \$91.00 \$140.00 \$130.00 \$125.00 \$30.00 \$125.00 \$590.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$450.00 \$45.00 \$175.00 \$175.00 \$200.00 \$225.00 \$250.00 \$200.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$120.00 \$80.00 \$160.00 \$40.00 \$50.00 \$50.00 \$50.00 \$1,200.00 \$40.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$550.00 \$270.00 \$100.00 \$270.00 \$270.00 \$1,400.00 \$500.00 \$250.00 \$255.00 \$275.00 \$250.00 \$250.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$550.00 \$1,045.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratony Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel 5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh 6 Subgrade Soil Probe, 10 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$350.00 \$275.00	\$300.00 \$369.00 \$175.00 \$195.00 \$150.00 \$35.00 \$1,250.00 \$250.00 \$250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$140.00 \$30.00 \$30.00 \$30.00 \$125.00 \$125.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00	\$225.00 \$283.00 \$295.00 \$200.00 \$200.00 \$200.00 \$450.00 \$45.00 \$11,180.00 \$175.00 \$200.00 \$255.00 \$200.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$212.00 \$80.00 \$40.00 \$40.00 \$50.00 \$50.00 \$50.00 \$50.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$550.00 \$270.00 \$100.00 \$270.00 \$270.00 \$1,400.00 \$500.00 \$250.00 \$255.00 \$275.00 \$250.00 \$250.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$550.00 \$1,045.00 \$250.00 \$250.00 \$250.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel 5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water content, dry unit weight 6 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh Miscellaneous Services	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$50.00 \$550.00 \$275.00	\$300.00 \$369.00 \$175.00 \$195.00 \$150.00 \$350.00 \$1,250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$140.00 \$130.00 \$30.00 \$125.00 \$125.00 \$125.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00	\$225.00 \$283.00 \$95.00 \$200.00 \$190.00 \$200.00 \$450.00 \$450.00 \$175.00 \$175.00 \$200.00 \$175.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$2120.00 \$30.00 \$40.00 \$40.00 \$500.00 \$50.00 \$50.00 \$50.00 \$50.00 \$1,200.00 \$40.00 \$1,200.00 \$40.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$550.00 \$270.00 \$270.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$550.00 \$1,045.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$350.00 \$350.00 \$350.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel 5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh 6 Subgrade Soil Probe, 10 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh Miscellaneous Services 1 Provide Correlated Nuclear gauge on job site (daily flat fee)	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$350.00 \$275.00 \$275.00 \$275.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$50.00 \$35.00 \$1,250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$350.0	\$45.00 \$91.00 \$140.00 \$130.00 \$125.00 \$30.00 \$125.00 \$150.00 \$	\$225.00 \$283.00 \$95.00 \$200.00 \$200.00 \$450.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$180.00 \$40.00 \$500.00 \$50.00 \$50.00 \$1,200.00 \$40.00 \$1,200.00 \$40.00 \$40.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$550.00 \$270.00 \$100.00 \$100.00 \$270.00 \$100.00 \$1,400.00 \$250.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$550.00 \$1,045.00 \$250.00 \$250.00 \$250.00 \$250.00 \$275.00 \$400.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Biturninous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill Rig and Personnel 5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh 6 Subgrade Soil Probe, 10 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh Miscellaneous Services 1 Provide Correlated Nuclear gauge on job site (daily flat fee) 2 Concrete cylinder pick (dedicated trip)	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$50.00 \$550.00 \$275.00	\$300.00 \$369.00 \$175.00 \$195.00 \$150.00 \$350.00 \$1,250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$45.00 \$91.00 \$85.00 \$140.00 \$140.00 \$130.00 \$30.00 \$125.00 \$125.00 \$125.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00 \$150.00	\$225.00 \$283.00 \$95.00 \$200.00 \$200.00 \$450.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$2120.00 \$30.00 \$40.00 \$40.00 \$500.00 \$50.00 \$50.00 \$50.00 \$50.00 \$1,200.00 \$40.00 \$1,200.00 \$40.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$550.00 \$270.00 \$100.00 \$100.00 \$270.00 \$100.00 \$1,400.00 \$250.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$550.00 \$1,045.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$350.00 \$350.00 \$350.00
4 Strength of masonry units, prisms (pick-up additional) Hot Mix Asphalt 1 Theoretical Maximum Density 2 Asphalt Content by Reflux Extraction with Gradation 3 Asphalt Content by Ignition Oven with Gradation 4 Bulk Specific Gravity of Gyratory Specimen (set of two) and air voids 5 Tensile Strength Ratio, per mix 6 Core Density and Thickness, lab test Field Sampling 1 Mobilization of Core Rig and Personnel 2 Bituminous Pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 3 Concrete pavement Core, 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole 4 Mobilization of Drill grand Personnel 5 Subgrade Soil Probe, 5 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh 6 Subgrade Soil Probe, 10 ft. deep, including sampling at 2.5" intervals with water content, dry unit weigh Miscellaneous Services 1 Provide Correlated Nuclear gauge on job site (daily flat fee)	\$300.00 \$348.00 \$160.00 \$250.00 \$250.00 \$325.00 \$325.00 \$40.00 \$1,350.00 \$275.00 \$350.00 \$275.00 \$275.00 \$275.00	\$300.00 \$369.00 \$175.00 \$195.00 \$195.00 \$50.00 \$35.00 \$1,250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$350.0	\$45.00 \$91.00 \$140.00 \$130.00 \$125.00 \$30.00 \$125.00 \$150.00 \$	\$225.00 \$283.00 \$95.00 \$200.00 \$200.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$450.00 \$175.00 \$200.00 \$175.00 \$200.00 \$175.00 \$200.00 \$400.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00	\$165.00 \$211.50 \$80.00 \$120.00 \$120.00 \$80.00 \$180.00 \$40.00 \$500.00 \$50.00 \$50.00 \$1,200.00 \$40.00 \$1,200.00 \$40.00 \$40.00	\$200.00 \$245.00 \$130.00 \$100.00 \$150.00 \$550.00 \$270.00 \$100.00 \$1,400.00 \$1,400.00 \$250.00 \$250.00 \$275.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$3137.50 \$250.00 \$3276.00 \$3276.00 \$3276.00	\$18.00 \$70.00 \$75.00 \$220.00 \$95.00 \$100.00 \$550.00 \$1,045.00 \$250.00 \$250.00 \$250.00 \$250.00 \$275.00 \$400.00