WORK AUTHORIZATION NO. 1

PROJECT: On Call Materials Testing & Geotechnical Engineering Services

This Work Authorization is made pursuant to the terms and conditions of the Williamson County Contract for Engineering Services, being dated <u>December 20, 2022</u> and entered into by and between Williamson County, Texas, a political subdivision of the State of Texas, (the "County") and <u>Rodriguez Engineering Laboratories LLC</u> (the "Engineer").

- Part1. The Engineer will provide the following Engineering Services set forth in Attachment "B" of this Work Authorization.
- Part 2. The maximum amount payable for services under this Work Authorization without modification is \$50,000.00.
- Part 3. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Contract.
- Part 4. This Work Authorization shall become effective on the date of final acceptance and full execution of the parties hereto and shall terminate on <u>July 31, 2025</u>. The Engineering Services set forth in Attachment "B" of this Work Authorization shall be fully completed on or before said date unless extended by a Supplemental Work Authorization.
- Part 5. This Work Authorization does not waive the parties' responsibilities and obligations provided under the Contract.
- Part 6. County believes it has sufficient funds currently available and authorized for expenditure to finance the costs of this Work Authorization. Engineer understands and agrees that County's payment of amounts under this Work Authorization is contingent on the County receiving appropriations or other expenditure authority sufficient to allow the County, in the exercise of reasonable administrative discretion, to continue to make payments under this Contract. It is further understood and agreed by Engineer that County shall have the right to terminate this Contract at the end of any County fiscal year if the governing body of County does not appropriate sufficient funds as determined by County's budget for the fiscal year in question. County may effect such termination by giving written notice of termination to Engineer.
- Part 7. This Work Authorization is hereby accepted and acknowledged below.

ENGINEER:	COUNTY:
Rodriguez Engineering Laboratories	Williamson County, Texas
By: Signature	By:Signature
Jose Melendez, P.E.	Bill Gravell, Jr.
Printed Name	Printed Name
Laboratory Engineer Title	<u>Williamson County Judge</u> Title

EXECUTED _____

LIST OF ATTACHMENTS

Attachment A - Services to be Provided by County

Attachment B - Services to be Provided by Engineer

Attachment C - Work Schedule

Attachment D - Fee Schedule

Attachment A - Services to be Provided by County

Williamson Cou		1	.11	• 1	•	. 1		. 1 .
Williamson Coll	ntv	nersonnel	XX/1	nrovide	nrolec	t direction	review and	Oversight
Williamson Cou	II ty	personner	AA 111	provide	projec	t un cenon	, icview and	Oversignt.

Attachment B - Services to be Provided by Engineer

The Scope of Services to be provided under the terms of this contract include:

Geotechnical Engineering Studies and Consultation

Construction Materials Engineering and Testing

A detailed description of the scope of services will be provided for each specific Project Assignment as listed in each Letter of Agreement.

Attachment C - Work Schedule

Work shall begin immediately upon	receipt of agreement	between County as	nd Rodriguez on the
work schedule and authorization to	proceed on assigned s	ervices.	

Attachment D - Fee Schedule

Please see next pages.

RATE SCHEDULE

	CONSTRUCTION MATERIALS TESTING SERVICES		
nsultant	Name: RODRIGUEZ ENGINEERING LABORATORIES LLC	UNIT	RATES
Testing of S	oils and Base Materials		
1.1 Field So			
1.1.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	\$70.38
1.1.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	\$70.38
1.1.3	Field Nuclear Density Test	Per ea	\$48.09
1.1.4	Field Density by Sand Cone Method (ASTM D1556)	Per ea	\$64.51
	Imple Pick-Up	T .	
1.2.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	\$70.38
1.2 Labora	how Mainture Density Delationship		
	tory Moisture Density Relationship	Dorbr	ć70.20
1.3.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included) Field Tech Time (on-site only, 2-hour minimum)	Per hr Per hr	\$70.38 \$70.38
1.3.3	Moisture Density Relationship of Soil-Cement (ASTM D 558)	Per ea	\$322.5
1.3.4	Moisture Density Relationship (ASTM D 698) Standard Proctor Compaction Test)		\$322.5
1.3.4	Moisture Density Relationship (ASTM D 698) Standard Proctor Compaction Test) Moisture Density Relationship (ASTM D 1557) (Modified Proctor Compaction Test)	Per ea Per ea	\$322.5
1.3.6	Moisture Density Relationship (ASTM D 1557) (Modified Proctor Compaction Test)	Per ea	\$322.5
1.3.7	Moisture Density Relationship (TEX-113-E) Compaction Test Moisture Density Relationship (TEX-114-E, Part I) Compaction Test	Per ea	\$322.5
1.3.8	Moisture Density Relationship (TEX-114-E, Part II) Compaction Test	Per ea	\$361.2
1.5.0	interstate betisty neutronship (12x 11 12) t are in compaction rese	i ci ca	Ψ 301.2
1.4 Labora	tory Testing of Soils	I	
1.4.1	Atterberg Limits (Liquid and Plastic Limits) (TEX-104-E, TEX-105-E, TEX-106-E)	Per ea	\$91.49
1.4.2	Bar Linear Shrinkage of Soils (TEX-107-E)	Per ea	\$77.42
1.4.3	CBR of Laboratory-Compacted Soils (ASTM D1883)	Per ea	\$580.5
	1.4.3.1 Each Additional Point	Per ea	\$193.5
1.4.4	Depth Check (Tex-140-E)	Per ea	\$23.40
1.4.5	Dry Unit Weight Test of Soils	Per ea	\$44.5
1.4.6	Field Gradation of Lime Soil (1.75, 0.75, No 4 Sieve) (in addition to hourly charge)	Per point	\$25.83
1.4.7	Hydrometer Analysis (ASTM D422), (mechanical sieve analysis is not included)	Per ea	\$136.0
1.4.8	Lime Series Curve (ASTM D 4318)	Per point	\$119.6
1.4.9	Natural Moisture Content	Per ea	\$26.39
1.4.10	Organic Content of Soils (Tex-148-E)	Per ea	\$216.9
1.4.11	Percent Passing No. 200 Sieve (TEX-111-E)	Per ea	\$59.82
1.4.12	PVR (Tex-124-E), testing is not included	Per ea	\$133.7
1.4.13	Resistivity of Soils (TEX-129-E)	Per ea	\$127.8
1.4.14	Sample Preparation (TEX-101-E)	Per ea	\$87.97
1.4.15	Sample Remolding	Per hr	\$70.38
1.4.16	Sieve Analysis (TEX-110-E)	Per ea	\$91.49
1.4.17	Shrinkage (Volumetric) (ASTM D427, ASTM D4943)	Per ea	\$95.03
1.4.18	Soil Cement or Lime Compression Test (TEX-120-E, TEX-121-E)	Per ea	\$96.18
1.4.19	Soil pH (Tex-128-E)	Per ea	\$76.24
1.4.20	Soil Specific Gravity (TEX-108-E)	Per ea	\$86.79
1.4.21	Stabilization Ability of Lime by Soil PH (TEX-121-E Part III) up to 6 points	Per ea	\$326.0
1.4.22	Sulfate Content (Tex-145-E)	Per ea	\$123.1
1.4.23	Texture Depth by Sand Patch (Tex-436-A)	Per ea	\$76.24
1.4.24	Unconfined Compression Test - Cohesive Soils (ASTM D2166)	Per ea	\$68.03
1.4.25	Unconfined Compression Test - Rock (ASTM D2938)	Per ea	\$95.02
			ļ
	Triaxial Compression Test on Base Material TEX-117E, Part II, including the following:	ı	
1.5.1	Molding, Curing, and Testing 9 Specimens	Per ea	\$1,636.
1.5.2	Atterberg Limits (Liquid and Plastic Limits) (TEX-104-E, TEX-105-E, TEX-106-E) Bar Linear Shrinkage of Soils (TEX-107-E)	Per ea Per ea	\$91.49 \$77.42

RATE SCHEDULE

	Name - BODDICUTT ENCINEEDING LADODATORIES LLC		2455
	Name: RODRIGUEZ ENGINEERING LABORATORIES LLC	UNIT	RATES
1.5.5	Sample Preparation (TEX-101-E)	Per ea	\$87.97
1.5.6	Sieve Analysis (TEX-110-E)	Per ea	\$91.49
1.5.7	Wet Ball Mill (TEX-116-E)	Per ea	\$283.8
1.6 Report	of Soil Test Results (includes clerical, engineering review/seal, etc.)	Per ea	\$97.36
esting of Co	oncrete and Aggregates		
2.1 Concret			
2.1.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	\$70.38
2.1.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	\$70.38
2.1.3	Cylinder Charge (per each)	Per ea	\$34.02
2.2.62			
2.2 Concret 2.2.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	\$70.38
2.2.2	Field Tech Time (on-site only, 2-hour minimum)	Per hr	\$70.38
2.2.3	Concrete Coring Equipment Charge	Per hr	\$49.26
2.2.4	Core Bit Surcharge (in addition to base equipment charge)	1 (1111	Ş-J.Z(
	2.2.4.1 - 3-inch diameter core	Per inch	\$5.87
	2.2.4.2 - 4-inch diameter core	Per inch	\$7.63
	2.2.4.3 - 6-inch diameter core	Per inch	\$10.03
2.2.5	Concrete Core Strength Testing, Includes Core Curing and Preparation	Per ea	\$84.45
	1		
2.3 Laborat 2.3.1	ory Testing of Concrete and Aggregates Abrasion Test (TEX-410-A)	Per ea	\$310.8
2.3.2	Absorption of Aggregate	Per ea	\$46.92
2.3.3	Aggregate Gradation Analysis (TEX-200-F)	Per ea	\$91.49
2.3.4	Beam Flexural Strength (TEX 448-A)	Per ea	\$50.44
2.3.5	Coarse Aggregate Angularity	Per ea	\$96.18
2.3.6	Crushed Face Count (TEX-460-A)	Per ea	\$97.36
2.3.7	Decantation (Tex-406-E)	Per ea	\$43.40
2.3.8	Deleterious Materials (Clay Lumps/Friable Part I) Mineral Aggregate (Tex-413-A)	Per ea	\$85.62
2.3.9	Fine Aggregate Angularity	Per ea	\$96.18
2.3.10	Fineness Modulus of Fine Aggregate (Tex-402-A)	Per ea	\$52.78
2.3.11	Flat, Elongated Particles (ASTM D4791)	Per ea	\$96.18
2.3.12	Micro Deval Abrasion (TEX-461-A)	Per ea	\$287.3
2.3.13	Organic Impurities in Fine Aggregate (Tex-408-A)	Per ea	\$65.68
2.3.14	Pavement Thickness by Direct Measurement (Tex-423-A)	Per ea	\$35.18
2.3.15	Sand Equivalent (Clay Content) (Tex-203-F)	Per ea	\$111.4
2.3.16	Sieve Analysis of Fine and Coarse Aggregate (Tex-401-A)	Per ea	\$91.49
2.3.17	Soundness, Sodium, or Magnesium (ASTM C88, Tex-411-A)	Per ea	\$457.4
2.3.18	Specific Gravity of Aggregate	Per ea	\$70.38
2.3.19	Splitting Tensile Strength of Cylindrical Concrete Specimen (ASTM C496)	Per ea	\$50.44
2.3.20	Thickness of Concrete Cylinders or CTB Cores (ASTM C174)	Per ea	\$23.46
2.3.21	Unit Weight of Aggregate	Per ea	\$46.92
2.3.22	Unit weight of Concrete Specimens by Measurements	Per ea	\$17.59
2.4 Report		Per ea	\$97.36
	MAC and Liquid Asphalt		
3.1.1	Field Testing and Sample Pick-up Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	\$70.20
3.1.1			\$70.38
3.1.2	Field Tech Time (on-site only, 2-hour minimum) Longitudinal Joint Density with Density Gauge (Tex-207-F, VII) (Plus Tech time)	Per hr Per ea	\$70.38 \$91.49
3.1.3	Mat Segregation with Density Gauge (Tex-207-F, Vii) (Plus Tech time)	reita	\$91.49

RATE SCHEDULE

70 P 777 1	CONSTRUCTION MATERIALS TESTING SERVICES		
	Name: RODRIGUEZ ENGINEERING LABORATORIES LLC	UNIT	RAT
3.1.5	Pavement Thickness Determination (Tex-140-E)(Plus Tech time)	Per ea	\$23
3.1.6	Thermal Profile (Tex-244-F)(Plus Tech time)	Per ea	\$205
			
	tory Testing of HMAC		
3.2.1	Asphalt Content by Extraction (TEX-210-F, T164)	Per ea	\$197
3.2.2	Asphalt Content by Ignition Method (Tex-236-F)	Per ea	\$211
3.2.3	Boiling Stripping Test (TEX-530-C)	Per ea	\$129
3.2.4	Bulk Density of Compacted Specimens (TEX-207-F, Part I) (2 or 3 per set)	Per ea	\$72
3.2.5	Cantabro Loss (TEX-245-F) (Molding is not included)	Per ea	\$131
3.2.6	Extraction (Gradation & Asphalt Content) (Tex-200-F, Tex-210-F, D2172, T164)	Per ea	\$171
3.2.7	Gradation of Aggregate from Extraction or Ignition (TEX-200-F)	Per ea	\$91
3.2.8	Hamburg Wheel Tracker (TEX-242-F) (Includes Molding)	Per ea	\$663
3.2.9	Hamburg Wheel Tracker (TEX-242-F) (Molded by Client)	Per ea	\$463
3.2.10	Hveem Stability (TEX-208-F) (3 per set)	Per ea	\$72
3.2.11	Indirect Tensile Strength (TEX-226-F) (Molding is not included)	Per ea	\$85
3.2.12	Maximum Theoretical Specific Gravity, Rice Method (Tex 227-F)	Do::	¢c=
+	3.2.12.1 - Bag Sample 3.2.12.2 - Core Sample	Per ea	\$65
2 2 12	Sand Equivalent (Clay Content) (Tex-203-F)	Per ea	\$77
3.2.13 3.2.14	Specific Gravity, Bulk Core	Per ea Per ea	\$111
3.2.14	Specific Gravity, Bulk Core (Vacuum Method)	Per ea	\$31 \$72
3.2.16	Specime Molding, Bulk Density, and Stability (3 per set) (Tex-206-F, 207-F, 208-F)	Per ea	\$218
3.2.17	Specimen Molding by SGC (TEX-241-F) (2 per set)	Per ea	\$99
3.2.17	Specimen Molding by TGC (TEX-206-F) (3 per set)	Per ea	\$72
3.2.19	Thickness of HMAC cores by Direct Measurement	Per ea	\$15
3.2.20	Shear Bond Strength Test (TEX-249-F) (2 per set)	Per ea	\$240
3.2.21	Ideal Cracking Test (TEX-250-F) (4 per set)(Molding is not included)	Per ea	\$350
3.2.21	local cracking rest (12x 250 1) (1 per sec)(installig is not installed)	1 61 60	7550
3 НМАС	 Coring		
3.3.1	Trip Charge (round-trip from REL Austin) (Vehicle or Mileage is not Included)	Per hr	\$70
3.3.2	Field Tech time (on-site only, 2-hour minimum)	Per hr	\$70
3.3.3	Core, per inch thickness	<u>.</u>	
1	3.3.3.1 - 0"-6" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$114
	3.3.3.2 - > 6"-10" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$127
_	3.3.3.3 - > 10"-14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$164
 	3.3.3.4 - >14" depth @ 6"Ø (includes patching and sample prep.)	Per ea	\$164
 	3.3.3.4 - >14" depth @ 6"Ø (includes patching and sample prep.) 3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)	Per ea Per inch	
Laborat			
4 Laborat 3.4.1	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.)		\$7.
_	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions	Per inch	\$7. \$281
3.4.1	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included)	Per inch Per ea	\$7. \$281 \$110
3.4.1 3.4.2	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) tory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions)	Per inch Per ea Per ea	\$7. \$281 \$110 \$83
3.4.1 3.4.2 3.4.3	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix	Per inch Per ea Per ea Per ea	\$7. \$281 \$110 \$83 \$83
3.4.1 3.4.2 3.4.3 3.4.4	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions)	Per inch Per ea Per ea Per ea Per ea Per ea	\$7. \$281 \$110 \$83 \$83 \$83
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions) Density of Emulsified Asphalt	Per inch Per ea	\$164 \$7. \$281 \$110 \$83 \$83 \$118 \$96
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions) Density of Emulsified Asphalt Ductility of Bituminous Materials Elastic Recovery Test Float Test For Bituminous Materials	Per inch Per ea	\$7. \$281 \$110 \$83 \$83 \$83 \$118
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions) Density of Emulsified Asphalt Ductility of Bituminous Materials Elastic Recovery Test	Per inch Per ea	\$7. \$281 \$110 \$83 \$83 \$83 \$118 \$96
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions) Density of Emulsified Asphalt Ductility of Bituminous Materials Elastic Recovery Test Float Test For Bituminous Materials	Per inch Per ea	\$7. \$281 \$110 \$83 \$83 \$118 \$96 \$96 \$118
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions) Density of Emulsified Asphalt Ductility of Bituminous Materials Elastic Recovery Test Float Test For Bituminous Materials Kinematic Viscosity of Cut-Back Asphalt	Per inch Per ea	\$7. \$281 \$110 \$83 \$83 \$118 \$96 \$96 \$118 \$73
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9 3.4.10	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions) Density of Emulsified Asphalt Ductility of Bituminous Materials Elastic Recovery Test Float Test For Bituminous Materials Kinematic Viscosity of Cut-Back Asphalt Penetration of Bituminous Materials	Per inch Per ea	\$7. \$281 \$110 \$83 \$83 \$83 \$118 \$96 \$96
3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6 3.4.7 3.4.8 3.4.9 3.4.10 3.4.11	3.3.3.5 - Per inch beyond 14" depth @ 6"Ø (includes patching and sample prep.) cory Testing of Liquid Asphalt and Emulsions Abson Recovery (Extraction using Solvent is not Included) Breaking Index (Asphalt Emulsions) Cement Mix Demulsibility (Anionic or Cationic Emulsions) Density of Emulsified Asphalt Ductility of Bituminous Materials Elastic Recovery Test Float Test For Bituminous Materials Kinematic Viscosity of Cut-Back Asphalt Penetration of Bituminous Materials Residue by Distillation (Cutback or Emulsified Asphalts)	Per inch Per ea Per ea	\$77. \$281 \$110 \$83 \$83 \$118 \$96 \$118 \$73 \$175

RATE SCHEDULE

		CONSTRUCTION MATERIALS TESTING SERVICES		
Cons	ultant I	Name: RODRIGUEZ ENGINEERING LABORATORIES LLC	UNIT	RATES
	3,4.16	Softening Point of Bitumen (Ring-and-Ball)	Per ea	\$118.47
	3.4.17	Storage Stability (24 Hrs)	Per ea	\$129.02
	3.4.18	Specific Gravity of Emulsified Asphalt	Per ea	\$79.75
3.5	Report	of Asphalt Test Results (includes clerical, engineering review/seal, etc.)	Per ea	\$97.36
4. Field	d Testing	Equipment		day, sike
4.1	Vehicle			
	4,1.1	Within City of Austin ETJ, within 50 miles (one-way) from REL	Per trip	\$66,86
4.2	Falling H	leavy Weight Deflectometer (FWD) Testing		
	4.2.1	FWD Field Data Collection (Equipment and Operator)(8 hr/day maximum)	Per day	\$2,896.27
	4.2.2	FWD Equipment (Mobilization/Demobilization)	Per ea	\$241.36
	4.2.3	FWD Operator (Mobilization/Demobilization)	Per hr	\$100.88
4.3	High Sp	 eed Inertial Profiler (IRI) Testing		
	4.3.1	IRI Field Data Collection (Equipment Only)(8 hr/day maximum)	Per day	\$429.08
	4.3.2	IRI Equipment (Mobilization/Demobilization) (within 50 miles from REL)	Per trip	\$66.86
	4.3.3	IRI Operator (Portal-to-Portal from REL)(4 hr minimum)	Per hr	\$87.97
5. Eng	 ineering			
5.1	Principa		Per hr	\$270.94
5.2	Project	Manager/Professional Engineer	Per hr	\$173.59
5.3	Project	Engineer	Per hr	\$134.89
5.4	5.4 Graduate Engineer Per hr		Per hr	\$100.88
		ngineering Technician	Per hr	\$87.97
5.6	Enginee	ring Technician (Asphalt, Concrete, Soils, etc.)	Per hr	\$70.38
5.7	Clerical		Per hr	\$56.29
6. Sub	consulta	nts		
6.1	Subcons	ultant Services	Rate	At cost

NOTES:

- 1. Minimum call-out charge for technician and equipment is 2 hours. Charges are accrued portal to portal.
- 2. The density test unit rate is based on a minimum of 3 tests per trip.
- 3. Transportation charges are applicable for all field testing assignments including sample pick up. But, if the technician is already at the job site, there is no sample pick up charges.
- 4. Subconsultants' fees shall be approved previous to work beginning.
- 5. Trip charge refers to the labor for the Engineering Technician to drive to site. This is charged hourly. Vehicle charges refer to cost of vehicle associated with the trip.



Geo-Per International Sales: George Perez Cell: 832-656-8238 1146 Sheffield, Suite E Houston, Tx 77015 geoperint@outlook.com

2023 STANDARD RATES

LABOR RATES PER MANHOUR	REGULAR	OVERTIME	DOUBLE TIME
General Eng. & Design/Drafting	125.00	187.50	250.00
Level III/ Quality Assurance/ Third Party Witness	95.00	142.50	190.00
Certified Welding Inspector	125.00	187.50	250.00
Inspector – Level II	80.00	120.00	160.00
Hardness Testing	80.00	120.00	160.00
Helpers	65.00	97.50	130.00
Welder In-Shop	80.00	120.00	160.00
Welder In-Field	95.00	142.50	190.00
Travel time same rates as above			
(Minimum Call-Out – 4 Hours, Portal to Portal)			

DOMESTIC TRAVEL:

Hotel & Motel	Cost
Air Travel	Cost
Car Rental	Cost
Consumables/Materials	Cost
Mileage	IRS Approved Rate

WORK OUTSIDE THE U.S. WILL BE NEGOTIATED

WORKING HOURS:

Regular Time - 7:00am to 3:30pm Monday – Friday

Overtime - All hours worked after 3:30pm Monday – Friday and all day Saturday

Double Time - All hours worked on Sunday and Holidays

HOLIDAYS: New Year's Day, Labor Day, Thanksgiving, Christmas and Independence Day