

TASK AUTHORIZATION
RFQ-25-02(B)/FY26/TA-01
Exhibit A

Tierra South Florida, Inc	Period of Services: 6/22/2026 to 8/29/2028
Scope of Services: This work is associated with the installation of a Dynamic Message Sign (DMS). Laboratory services will include concrete cylinders test accordance with the project specifications. Additionally, inspection services will include verification of structural steel fabrication at the manufacturing facility to ensure compliance with the approved plans and specifications.	
Deliverables and approx. completion dates: Deliverables will include certified concrete compressive strength test reports. Concrete test reports will be issued upon completion of the required 28-day compressive strength testing, unless early break results are requested. Drilled shaft log reviews will be completed within 48 hours of receipt. Structural steel fabrication inspection reports will be submitted on a daily basis for each day of inspection at the manufacturing facility.	
Factors that may impact the project scope and schedule: The scope and schedule of laboratory and inspection services may be affected by the timing of sample delivery, delays in concrete placements, changes to the drilled shaft installation schedule, fabrication sequencing at the manufacturing facility, or requests for additional testing or re-evaluation. Incomplete documentation, revised shop drawings, or non-conforming materials requiring retesting may also impact report turnaround times and final deliverable completion.	
List of Subconsultants and their role: RJ Behar & Company	



Fee Estimate Basic Services

Project Name: Miscellaneous Materials Engineering and Testing Services for Design-Build Services for SR 836, SR 874, and SR 924 Dynamic Message Sign (DMS) Installation

GMX Project Number: RFQ-25-02(B)/FY26/TA-01

Consultant: Tierra South Florida, Inc



Pay Items	Description	Unit	GMX Negotiated Rates	Estimate for 40060-002	
SECTION 1.1 – BITUMINOUS CONSTRUCTION MATERIALS TEST/JOB DESCRIPTION				Quantity	\$ Total
1.2.1.1	Provide FDOT CTQP Qualified Asphalt Paving Level II Technician to straightedge completed asphalt courses and mark/report all surface deficiencies.	MH	\$ 90.00		\$ -
1.2.1.2	Provide Qualified Personnel to perform pre-construction (Rehabilitation) and/or post-construction (thickness or coring for pay) coring. May be required to core, mark and retain or determine; thickness, type and condition of pavement; record and report data in "PCR". Provide rehabilitation recommendations.	CH	\$ 225.00		\$ -
1.2.1.3	Provide qualified personnel to perform Independent Assurance (IA) thickness checks on cores for pay taken by project personnel.	MH	\$ 90.00		\$ -
1.2.1.4	Provide FDOT CTQP Certified Asphalt Paving Level I Technician to perform density tests of bituminous concrete mixtures in accordance with FM 1-T-238 & FM 5-543.	MH	\$ 85.00		\$ -
1.2.1.5	Provide FDOT CTQP Certified Asphalt Plant Level II Technician to perform acceptance and/or IA sampling, testing, reporting, monitor Contractor operation, and enforce applicable specifications. (This may include but is not limited to the sampling, testing, and/or reporting of liquid asphalt, tack/prime material, anti-strip, asphalt rubber, ground tire rubber.	MH	\$ 90.00		\$ -
1.2.1.6	Provide FDOT CTQP Certified Asphalt Paving Level II Technician to monitor on-the-job activities during paving operations and perform all QA or IA responsibilities/inspections.	MH	\$ 90.00		\$ -
SECTION 1.2 – SAND MINE INSPECTION, SAMPLING, AND TESTING TEST/JOB DESCRIPTION					
1.2.2.1	Provide Qualified Technician to perform inspection, sampling & testing of sand mine facilities.	MH	\$ 83.00		\$ -
1.2.2.2	Perform inspection of sand mine facilities.	MH	\$ 83.00		\$ -
SECTION 1.3 – COARSE AGGREGATE MINE/TERMINAL INSPECTION, SAMPLING AND TESTING TEST/JOB DESCRIPTION					
1.2.3.1	Qualified Technician to perform inspection, sampling & testing of coarse aggregate mine/terminal facilities.	MH	\$ 83.00		\$ -
SECTION 1.4 – LIMEROCK/CEMENTED COQUINA MINE INSPECTION, SAMPLING AND TESTING TEST/JOB DESCRIPTION					
1.2.4.1	Qualified Technician to perform inspection, sampling & testing of coarse aggregate mine/terminal facilities.	MH	\$ 83.00		\$ -
SECTION 1.5 – BASE, SUBGRADE AND EMBANKMENT MATERIALS TEST/JOB DESCRIPTION					
1.2.5.1	Provide FDOT CTQP Certified Earthwork Construction Inspector Level I to perform density tests of soils in accordance with FM 1-T-238 & FM 5-507.	MH	\$ 83.00		\$ -
1.2.5.2	FDOT CTQP Certified Earthwork Construction Inspector Level II.	MH	\$ 95.00		\$ -
SECTION 1.6 – SIGNING AND PAVEMENT MARKING MATERIALS TEST/JOB DESCRIPTION					
1.2.6.1	Qualified Technician to Sample or Inspect Signing and Pavement Marking Materials.	MH	\$ 105.00		0
SECTION 1.7 – PORTLAND CEMENT CONCRETE AND REINFORCING STEEL TEST/JOB DESCRIPTION					
1.2.7.1	AASHTO T-21 Organic Impurities in Fine Aggregate for Concrete.	PT	\$ 56.00		\$ -
1.2.7.2	ASTM A 370 Reinforcing Steel Tests [Bending, Tension and Yielding].	PS	\$ 530.00		\$ -
1.2.7.3	ASTM C 1019-20 Standard Method of Sampling and Testing Grout for Masonry.	PT	\$ 45.00		0
1.2.7.4	ASTM C 1064 Temperature of Freshly Mixed Hydraulic-Cement.	PT	\$ 25.00		0
1.2.7.5	ASTM C 31 Making and Curing Concrete Test Specimens in the Field.	PS	\$ 30.00		0
1.2.7.6	ASTM C 39 Compressive Strength of Cylindrical Concrete Specimens.	PS	\$ 40.00		\$ -
1.2.7.7	ASTM C 42 Obtaining and Testing Drilled Cores and Sawed Beams of Concrete.	PS	\$ 230.00		\$ -
1.2.7.8	ASTM C 617 Capping Cylindrical Concrete Specimens.	PS	\$ 15.00		\$ -
1.2.7.9	ASTM C 78 Flexural Strength of Concrete (Using Simple Beam With Third-Point Loading).	PS	\$ 70.00		0
1.2.7.10	ASTM C 780 Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Section A6 Compressive Strength of Molded Masonry Mortar Cylinders and Cubes.	PS	\$ 45.00		0
1.2.7.11	ASTM E 447-97 Standard Methods for Compressive Strength of Laboratory Constructed Masonry Prisms.	PS	\$ 45.00		0
1.2.7.12	Provide Qualified Technicians to obtain drilled cores of concrete to FM 1-T-024.	CH	\$ 230.00		\$ -
1.2.7.13	Provide an FDOT CTQP Concrete Field Technician Level II to sample water, fine and coarse aggregates, cement, and fly ash according to applicable Florida Test Methods.	MH	\$ 105.00		0
1.2.7.14	Provide an FDOT CTQP Concrete Field Technician Level I to perform all applicable tests during concrete operations.	MH	\$ 85.00		0
SECTION 1.8 – PRECAST CONCRETE PRODUCTS TEST/JOB DESCRIPTION					
1.2.8.1	Provide Qualified Precast Concrete Inspector to perform applicable duties.	MH	\$ 105.00		0
1.2.8.2	FDOT CTQP Concrete Field Technician Level I to perform all applicable tests during concrete operations and assist the Qualified Precast Concrete Inspector.	MH	\$ 85.00		0
SECTION 1.9 – PRE-STRESSED CONCRETE PRODUCTS TEST/JOB DESCRIPTION					
1.2.9.1	Provide Qualified Lead Pre-stress Yard Inspector to perform applicable duties. Certifications as FDOT CTQP Qualified Level 1 Grouting Technician and FDOT CTQP Level 1 Qualified Post Tension Technician are required.	MH	\$ 105.00		0
1.2.9.2	Provide a Qualified Pre-stress Concrete Inspector to perform the applicable duties.	MH	\$ 95.00		0
1.2.9.3	Provide an FDOT CTQP Concrete Field Technician Level I to perform all applicable tests during concrete operations and assist the Qualified Pre-stress Inspector(s).	MH	\$ 85.00		0
SECTION 1.10 – DRILLED SHAFT INSPECTIONS TEST/JOB DESCRIPTION					
1.2.10.1	Senior Drilled Shaft Inspectors Certified under FDOT CTQP Drilled Shaft Inspection Training (DSIT).	MH	\$ 110.00		0
1.2.10.2	Drilled Shaft Inspector.	MH	\$ 85.00		0
SECTION 1.11 – MISCELLANEOUS CONSTRUCTION RELATED ACTIVITIES TEST/JOB DESCRIPTION					
1.2.11.1	Sr. Engineer Technician to perform miscellaneous construction-related activities.	MH	\$ 95.00		0
1.2.11.2	Engineer Technician to perform miscellaneous construction-related activities.	MH	\$ 85.00		0
1.2.11.3	Courier For Sample Pick-up & Delivery. This Pay Item shall be pre-approved by GMX Project Manager prior to use.	MH	\$ 55.00		0
SECTION 1.12 – CONSTRUCTION MATERIALS TESTING IN THE LABORATORY TEST/JOB DESCRIPTION					
CONCRETE AND AGGREGATES					
1.2.12.1	ASTM C780- Preconstruction and Construction Evaluation of Mortars for Plain and Reinforce Unit Section A6 Compressive Strength of Molded Masonry Mortar Cylinders and Cubes.	PT	\$ 45.00		0
1.2.12.2	ASTM C1019-20 Standard Method of Sampling and Testing Grout for Masonry.	PT	\$ 45.00		0
1.2.12.3	ASTM E 447-97 Standard Methods for Compressive Strength of Masonry Prism.	PT	\$ 45.00		0
1.2.12.4	Testing Drilled Cores and Sawed Beams Of Concrete according to ASTM C 39, ASTM C42, ASTM C78, and ASTM C 617.	PT	\$ 75.00		0
1.2.12.5	FM 1-T-097 Flexural Strength of Concrete (Using Simple Beam With Third-Point Loading).	PT	\$ 90.00		0
1.2.12.6	ASTM C 31 Compressive Strength of Cylindrical Concrete Specifications.	PT	\$ 40.00	45	1800
1.2.12.7	ASTM C-31 Making and Curing Concrete Test Specimens In The Field.	PS	\$ 30.00		0
1.2.12.8	ASTM C617 Capping Cylindrical Concrete Specimens.	PS	\$ 10.00		0
1.2.12.9	ASTM C-497 Concrete Pipe, Concrete Box Sections, Manhole Sections, or Tile.	PT	\$ 50.00		0
1.2.12.10	FM 1-T-011 Total Amount of Materials Finer Than No. 200 Sieve In Aggregate.	PT	\$ 48.00		0
1.2.12.11	FM 1-T-019 Unit Weight and Voids In Aggregate.	PT	\$ 75.00		0
1.2.12.12	AASHTO T21 Organic Impurities In Sands For Concrete (Colorimetric).	PT	\$ 60.00		0
1.2.12.13	AASHTO T27 Sieve Analysis Of Fine and Coarse Aggregates.	PT	\$ 80.00		0
1.2.12.14	FM 1-T-084 Specific Gravity and Absorption of Fine Aggregate.	PT	\$ 90.00		0
1.2.12.15	FM 1-T-085 Specific Gravity and Absorption of Coarse Aggregate.	PT	\$ 90.00		0
1.2.12.16	FM 1-T-096 Resistance to Abrasion of Small Size Coarse Aggregate By Use of the Los Angeles Machine.	PT	\$ 300.00		0
1.2.12.17	FM 1-R 076 Reducing Field Samples of Aggregate to Testing Size.	PT	\$ 35.00		0
1.2.12.17A	ASTM A 370 Reinforcing Steel Tests [Bending, Tension and Yielding].	PS	\$ 550.00		0
SECTION 1.12 – CONSTRUCTION MATERIALS TESTING IN THE LABORATORY TEST/JOB DESCRIPTION					

SOILS				
1.2.12.18	Total moisture content of aggregate by drying (FM 1-T255).	PT	\$	40.00
1.2.12.19	FM 5-514 Carbonates and Organic Matter in Limerock.	PT	\$	105.00
1.2.12.19A	FM 5-515 Limerock Bearing Ratio, Min. 5 pts.	PT	\$	427.00
1.2.12.20	FM T-180 Moisture Density Relations Of Soils Using a 10-lb. (4.54kg.) Rammer and an 18-in. (457mm) Drop [FM 5-521].	PT	\$	150.00
1.2.12.21	AASHTO T-99 Moisture Density Relations Of Soils Using a 5.5lb. (2.5kg.) Rammer and a 12-in. (305mm) Drop.	PT	\$	157.00
1.2.12.22	FM 1-T-088 Particle Size Analysis Of Soils (Mechanical Analysis).	PT	\$	75.00
1.2.12.23	FM 1-T-089 Determining The Liquid Limit Of Soils.	PT	\$	50.00
1.2.12.24	FM 1-T-090 Determining The Plastic Limit and Plasticity Index Of Soils.	PT	\$	70.00
1.2.12.25	FM 1-T-100 Specific Gravity Of Soils.	PT	\$	90.00
1.2.12.26	FM 1-T-216 Consolidation tests with an unload/reload cycle near the pre-consolidation pressure.	PT	\$	475.00
1.2.12.27	ASTM D7181 Standard Test Method for Consolidated Drained Triaxial Compression Tests for Soils.	PT	\$	500.00
1.2.12.28	FM 3-D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions.	PT	\$	515.00
1.2.12.29	FM 1-T-265 Laboratory Determination of Moisture Content of Soils.	PT	\$	30.00
1.2.12.30	FM 1-T-267 Determination Of Organic Content In Soils By Loss On Ignition.	PT	\$	65.00
1.2.12.31	Classify soil according to AASHTO designation M 145-91 using the following Florida Test Methods: FM 1-T-11, AASHTO T27, AASHTO T-88, AASHTO T-89, AASHTO T-90, and AASHTO T-146 .	PT	\$	300.00
1.2.12.32	Torvane sensitivity and/or pocket penetrometer tests according to directives or as directed by the Project Manager.	PT	\$	45.00
1.2.12.33	Splitting tensile strength of intact rock core specimens according to ASTM D-3967-23, in accordance with ASTM E-122.	PT	\$	55.00
1.2.12.33A	Unconfined compressive strength of intact rock core specimens according to ASTM D-2938-95, in accordance with ASTM E-122.	PT	\$	85.00
1.2.12.33B	Specific gravity and absorption of fine aggregate (FM 1-T084).	PT	\$	93.00
1.2.12.33C	Specific gravity and absorption of coarse aggregate (FM 1-T085).	PT	\$	85.00
SECTION 1.12 - CONSTRUCTION MATERIALS TESTING IN THE LABORATORY TEST//JOB DESCRIPTION				
ASPHALT				
1.2.12.34	FM 1-T-030 Mechanical Analysis of Extracted Aggregate.	PT	\$	75.00
1.2.12.35	FM 1-5-565 Measurement of Water Permeability of Compacted Asphalt Paving Mixtures.	PT	\$	140.00
1.2.12.36	FM 1-T-166 Bulk Specific Gravity Of Compacted Bituminous Mixtures.	PT	\$	130.00
1.2.12.37	ASSHTO T245 Resistance To Plastic Flow Of Field Produced Plant Mixed Asphalt Concrete Mixtures Using Marshall Apparatus.	PT	\$	90.00
1.2.12.38	FM 5-544 Quantitative Extraction of Bitumen from Bituminous Paving Mixtures By use of a Non Chlorinated Solvent.	PT	\$	130.00
1.2.12.39	FM 5-545 Mechanical Analysis of Aggregate Extracted By use of a Non-Chlorinated Solvent.	PT	\$	135.00
1.2.12.40	FM 1-T-209 Maximum Specific Gravity of Bituminous Paving Mixtures.	PT	\$	90.00
1.2.12.41	FM 5-505 Field Testing The Effectiveness of Anti-Strip Additive.	PT	\$	115.00
1.2.12.42	Check the accuracy of field thermometers used at the plant and on the roadway at a minimum frequency of six (6) months, in accordance with the IA Procedure for Asphalt Construction (Topic No: 675-030-003-1, section 1.d).	PT	\$	45.00
1.2.12.43	FM 5-563 Quantitative Determination of Asphalt Content From Asphalt Paving Mixtures by the Ignition Method.	PT	\$	150.00
SECTION 1.12 - CONSTRUCTION MATERIALS TESTING IN THE LABORATORY TEST //JOB DESCRIPTION				
CORROSIVES				
1.2.12.44	ASTM G51-23 or California Test Method 643 pH of Soils.	PT	\$	50.00
1.2.12.45	ASTM D1293-18 or California Test Method 643pH of Water.	PT	\$	35.00
1.2.12.46	ASTM D512-23 or California Test Method 422-A Chloride Ion in Water and Chloride Ion in Soils using supernatant from soils.	PT	\$	40.00
1.2.12.47	ASTM D4130-15 Sulfate Ion in Brackish Water.	PT	\$	40.00
1.2.12.48	ASTM D4130-15 or California Test Method 417 sulfates in Soils using supernatant from soils.	PT	\$	40.00
1.2.12.49	ASTM D1125-23 or California Method 643 Electrical Resistance of Soils.	PT	\$	70.00
1.2.12.50	ASTM G57-720 or California Test Method 643 Resistance of Soils.	PT	\$	70.00
1.2.12.51	FM 3-D3080 Direct Shear Test of Soils Under Consolidated Drained Conditions.	PT	\$	400.00
1.2.12.52	FM 5-556 Chloride in Retaining Wall Backfill Soil.	PT	\$	50.00
1.2.12.53	FM 5-550 Determining pH of Soil and Water.	PT	\$	50.00
1.2.12.54	FM 5-551 Determining Resistivity of Soil and Water.	PT	\$	50.00
1.2.12.55	FM 5-552 Determining Chloride in Soil and Water.	PT	\$	50.00
1.2.12.56	FM 5-553 Determining Sulfate in Soil and Water.	PT	\$	50.00
1.2.12.57	PH, Resistivity, Chloride, and Sulfate of soils or water in accordance with FDOT Methods.	PSeries	\$	250.00
SUPERPAVE AGGREGATE TESTING				
1.2.12.58	Specific gravity and absorption of fine aggregate (FM 1-T084).	PT	\$	110.00
1.2.12.59	Specific gravity and absorption of coarse aggregate (FM 1-T085).	PT	\$	100.00
1.2.12.60	Reducing field Samples of aggregate to testing size (FM 1-T-248).	PT	\$	40.00
SECTION 1.13 - COMPUTER EQUIPMENT AND DATA ENTRY TEST//JOB DESCRIPTION				
1.2.13.1	Provide Qualified Personnel to perform data entry of sample information and the test results.	MH	\$	80.00
SECTION 1.14 - CONSTRUCTION MATERIALS FINAL REPORT TEST//JOB DESCRIPTION				
1.2.14.1A-D	Provide manpower resources for preparation and submission of a construction materials final report.	MH	\$	185.00
SECTION 1.15 - SAFETY SERVICES WORK//JOB DESCRIPTION				
1.2.15.1A	Signs.	EPD	\$	8.00
1.2.15.1B	Portable Changeable Message Sign (PCMS).	EPD	\$	130.00
1.2.15.1C	Barricades, Type 1.	EPD	\$	6.00
1.2.15.1D	Channelization Devices (36" Cones).	EPD	\$	3.00
1.2.15.1E	Support Vehicle for Safety.	PH	\$	85.00
1.2.15.1F	Qualified flagging personnel.	MH	\$	75.00
1.2.15.1G	Off-duty Police Officer.	MH	\$	92.00
SECTION 1.16 - CONSTRUCTION MATERIALS INVESTIGATIONS, SPECIAL STUDIES AND PROJECTS TEST//JOB DESCRIPTION				
1.2.16.1A-D	Perform literature search by Professional Engineer registered in the State of Florida.	MH	\$	175.00
1.2.16.2A-E	Perform specialized laboratory & field tests.	MH	\$	85.00
1.2.16.3A-E	Perform specialized project inspection.	MH	\$	110.00
1.2.16.4A-D	Review and analyze data by a Professional Engineer registered in the State of Florida.	MH	\$	185.00
1.2.16.5A-D	Prepare and submit final report by a Professional Engineer registered in the State of Florida.	MH	\$	185.00
1.2.16.6A-K	Special laboratory and field services.	MH, CH, Pdesign	\$85/\$170/\$175	
1.2.16.7	Integrity testing of piles and drilled shafts.	PP,PD,PP	\$700	
SECTION 1.17 - PRELIMINARY CONTAMINATION ASSESSMENT TEST//JOB DESCRIPTION				
1.2.17.1A-C	Provide manpower resources for submission of preliminary contamination assessment report, and/or on-site field work.	MH	\$	165.00
SECTION 1.18 - CONTAMINATION ASSESSMENT (CA) TEST //JOB DESCRIPTION				
1.2.18.1A-1	Manpower resources for: development of a CAP; Fracture trace analysis; determine extent of plume; sample wells (public or private), surface water, sediments and/or residues; determine extent of soil contamination; develop CA plan; coordinate with agencies; prepare and submit CA report.	MH	\$	165.00
SECTION 1.19 - CONSULTANT CONTRACT PROJECT MANAGER WORK//JOB DESCRIPTION				
1.2.19.1	Provide Contract Project Manager to oversee/manage this Contract.	MH	\$	200.00
SECTION 1.20 - NON-DESTRUCTIVE SUBSURFACE INVESTIGATIONS WORK//JOB DESCRIPTION				
1.2.20.1	Ground Penetrating Radar Investigation.	PD	\$	2,500.00
SECTION 1.21 - STRUCTURAL STEEL FABRICATION PLANT INSPECTION WORK//JOB DESCRIPTION				
1.2.21.1	Provide manpower resources for Structural Steel Fabrication Plant Inspection.	MH	\$	95.00
SECTION 1.2.22 - DYNAMIC LOAD TESTING OF PRESTRESSED CONCRETE PILE WORK//JOB DESCRIPTION				
1.2.22.1	Provide manpower resources for Dynamic Load Testing.	MH	\$	180.00
			Total Cost estimated	\$ 10,060.00

