

CONTRACT SUMMARY INFORMATION

SUMMARY: Miscellaneous professional testing services.

Purchase is made in accordance with the terms and conditions of Lee County Solicitation No. CN160111.

Solicitation No.: CN160111
Project Title: Materials Testing Services
Procurement Analyst: Diana Khan
Start Date: 6/19/16
Expiration Date: 12/19/18
Board Date: 5/3/16
Blue Sheet No.: 20160188
Term: Two Years
Renewal Options: NA

Awarded Vendor: See Webpage

Notes: Fee Schedule Below

SECTION 1: BASIC SERVICES / TASKS

The COUNTY shall compensate the CONSULTANT for providing and performing the Task(s) set forth and enumerated in EXHIBIT 'A' dated May 17, 2016, entitled 'SCOPE OF PROFESSIONAL SERVICES' as follows:

TASK 1.00 FIELD INVESTIGATION (ROADWAY)

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
1.01.1	Mobilization of All Equipment, Truck-Mounted Rig	Per Each Rig	300.00
1.01.2	Mobilization of All Equipment, All Terrain Rig	Per Each Rig	525.00
1.01.3	Mobilization of All Equipment, Barge-Mounted Rig	Per Each Rig	<i>To Be Negotiated</i>
1.02	Auger Borings	Per Linear Ft.	10.00
1.03.1	SPT Boring (0' to 25')	Per Linear Ft.	16.00
1.03.2	SPT Boring (26' to 50')	Per Linear Ft.	16.00
1.03.3	SPT Boring (51' to 75')	Per Linear Ft.	18.00
1.03.4	SPT Boring (76' to 100')	Per Linear Ft.	18.00
1.03.5	SPT Boring (101' to 125')	Per Linear Ft.	22.00
1.04	CPT Borings	Per Linear Ft.	14.00
1.05	Field Vane Shear Tests	Per Test	100.00
1.06	Dilatometer Tests	Per Test	100.00
1.07	Tube Samples	Per Sample	120.00
1.08	Rock Cores	Per Linear Ft.	40.00
1.09	Permits	At Cost	At Cost
1.10	Field Permeability Tests	Per Test	195.00
1.11	Infiltration Tests	Per Test	600.00
1.12	Percolation Tests	Per Test	500.00
1.13	Muck Probing	Per Test	36.00
1.14	Pavement Cores, Asphalt	Per Core	80.00
1.15	Pavement Cores, Concrete	Per Core	100.00
1.16	Survey Services	Per Crew Day	<i>To Be Negotiated</i>
1.17	Piezometric Head Determination	Man Hour	200.00
1.18	Environmental Corrosion Samples	Per Sample	65.00
1.19	⁹⁵ SO Samples	Per Core	55.00
1.20	Monitoring Wells	Per Linear Ft.	43.00
1.21	Casings	Per Linear Ft.	10.00
1.22	Miscellaneous Drilling Services	Man Hour	150.00
1.23.1	Traffic Maintenance Operation	Per Day	<i>To Be Negotiated</i>
1.23.2	Flag Person	Man Hour	45.00
1.24.1	Plugging Water Wells	Per Crew Hour	190.00
1.24.2	Plugging Water Wells Cement	Per Bag	20.00
1.25	Engineering Reports	Man Hour	105.00
1.26	Turbidity Analysis (2 Samples)	Per Visit	300.00
1.27	Turbidity Analysis	Per Sample	45.00

TASK 2.00 LABORATORY TESTING (ROAD WAY)

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
2.01	Grain Size Analyses	Per Test	40.00
2.02	Atterburg Limits	Per Test	80.00
2.03	Moisture Content Tests	Per Test	10.00
2.04	Loss of Ignition Organic Content Tests	Per Test	50.00
2.05	Percent Fines	Per Test	35.00
2.06	Specific Gravity tests	Per Test	80.00
2.07	LBR Tests (Including Modified Proctor)	Per Test	300.00
2.08	Consolidation Tests	Per Test	590.00
2.09	Triaxial Compression Tests	Per Test	600.00
2.10	Unconfined Compression Tests	Per Test	95.00
2.11.1	pH Tests	Per Test	40.00
2.11.2	Resistivity Tests	Per Test	60.00
2.11.3	Chloride Content Tests	Per Test	39.00
2.11.4	Sulphate Content Tests	Per Test	39.00
2.12	pH Tests	Per Test	35.00
2.13	°50 Sieve Analyses	Per Test	95.00

TASK 3.00 CONSTRUCTION QUALITY CONTROL

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
3.01	Wave Equation Analysis	Per Analysis	400.00
3.02	Standard Load Tests	Per Test	2100.00
3.03	Quick-Type Load Tests	Per Test	1600.00
3.04	Pile Driving Analysis	Per Day	3200.00
3.05	Analyze Load Tests	Man Hour	100.00
3.06	Monitor Settlement Platforms	Man Hour	95.00
3.07	Analyze Settlement Platforms	Man Hour	100.00
3.08	Piezometers	Per Linear Foot	30.00
3.09	Analyze Piezometer Data	Man Hour	105.00
3.10	Slope Inclinator Casing	Per Linear Foot	45.00
3.11	Analyze Slope Inclinator	Man Hour	110.00
3.12	Monitor Geotextile / Geogrid	Man Hour	95.00
3.13	Monitor Sand-Wick Drains	Man Hour	95.00
3.14	Monitor Specialized Geotechnical	Man Hour	95.00
3.15	Technical Expert	Man Hour	150.00

TASK 4.00 BITUMINOUS

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
4.01	Straightedge Measurements	Per Lane Mile	750.00
4.02	Asphalt Pavement Survey	Man Hour	110.00
4.03	Bituminous Material Sampling	Man Hour	60.00
4.04	Bituminous Paving Sampling	Man Hour	60.00
4.05	Deliver Samples	Per Trip	55.00
4.06	Bituminous Plant Inspection	Man Hour	85.00

TASK 5.00 AGGREGATE AND BASE MATERIAL SOURCES

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
5.01	Inspect Q.C. Procedures	Man Hour	52.00
5.02	Aggregate Sampling	Per Sample	75.00
5.03	Classification of Soils	Per Set of Test	40.00
5.04	Moisture-Density Relation (Modified Proctor Test)	Per Test	95.00
5.05	Moisture-Density Relation (Standard Proctor Test)	Per Test	95.00
5.06	Carbonate and Organic Tests	Per Test	120.00
5.07	Organic Impurities Tests	Per Test	30.00
5.08	Los Angeles Abrasion Tests	Per Test	350.00

TASK 6.00 ROADWAY EMBANKMENT AND BACKFILL MATERIALS

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
6.01	Inspect Fill Materials	Man Hour	57.00
6.02	Inspect Subgrade Materials	Man Hour	57.00
6.03	Inspect Base Materials	Man Hour	57.00
6.04	Materials Sampling	Man Hour	57.00
6.05	In-Place Density Tests	Per Test	25.00
6.06	In Place Density Tests (when a full-time technician is on project site)	Per Test	10.00

TASK 7.00 PORTLAND CEMENT CONCRETE

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
7.01	Portland Cement Concrete (Plant)	Man Hour	57.00

TASK 8.00 PORTLAND CEMENT CONCRETE (PROJECT SITE)

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
8.01	Aggregate Sampling	Man Hour	57.00
8.02	Water Sampling and Testing	Man Hour	57.00
8.03	Cement Sampling	Man Hour	57.00

8.04	Flyash Sampling	Man Hour	57.00
8.05	Fresh Concrete Samples	Man Hour	57.00
8.06	Mixer Concrete Samples	Per Sample	35.00
8.07	Concrete Test Specimens	Per Specimen	85.00
8.08	Concrete Cores	Per Core	20.00
8.09	Slump Tests	Per Test	20.00
8.10	Air Content Tests	Per Test	20.00
8.11	Weight, Yield and Air Content	Per Test	20.00
8.12	Temperature Measurement	Man Hour	45.00
8.13	Compressive Strength tests	Per Test	20.00
8.14	Concrete Cylinder Tests		
	Set of Two (2)	Per Set	80.00
	Set of Three (3)	Per Set	80.00
	Set of Four (4)	Per Set	100.00
	Set of Five (5)	Per Set	120.00
	Set of Six (6)	Per Set	
	Set of Seven (7)	Per Set	140.00
8.15	Concrete Beam Tests, Set of Three (3)	Per Test	200.00
8.16	Mortar Cubes, Set of Three (3)	Per Set	100.00
8.17	Grout Specimens, Set of Three (3)	Per Set	100.00
8.18.1	Masonry Units – Strength and measurements	Per Set	130.00
8.18.2	Masonry Units – Absorption and measurements	Per Set	130.00
8.19	Masonry Prisms – Compressive Strength	Per Set	325.00

TASK 9.00 PRECAST CONCRETE PRODUCTS

PAYME ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
9.01	Inspect Q.C. Procedures	Man Hour	57.00
9.02	Inspect Three Edge Bearing	Man Hour	57.00
9.03	Concrete Test Specimen	Per Specimen	15.00
9.04	Inspect Cores / Beams	Man Hour	57.00
9.05	Cores / Beams Tests	Per Test	25.00
9.06	Concrete Pipe Tests	Per Test	To Be Negotiated
9.07	Compressive Strength tests	Per Test	14.00
9.08	Aggregate Sampling	Man Hour	45.00
9.09	Specific Gravity and Absorption (Fine Aggregate)	Per Test	90.00
9.10	Specific Gravity and Absorption (Course Aggregate)	Per Test	90.00
9.11	Absorption tests, Cores	Per Test	45.00
9.12	Inspect Precast products	Man Hour	45.00
9.13.1	Provide Field Office	Per Each	To Be Negotiated
9.13.2	Maintain Field Office	Per Month	To Be Negotiated

TASK 10.00 MISCELLANEOUS MATERIALS

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
10.01	Timber Products	Man Hour	105.00
10.02	Corrugated Metal Pipe	Man Hour	105.00
10.03	Signs	Man Hour	105.00
10.04	Miscellaneous Services and Tests	Man Hour	To Be Negotiated

TASK 11.00 LABORATORY TESTING OF CONSTRUCTION MATERIALS

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
11.01	Material Finer Than 0.075 mm	Per Test	30.00
11.02	Unit Weight and Voids	Per Test	100.00
11.03	Organic Impurities tests	Per Test	35.00
11.04	Sieve Analyses of Aggregate	Per Test	40.00
11.05	Analysis of Extracted Aggregate and Bitumen	Per Test	140.00
11.06	Specific Gravity and Absorption (Fine Aggregate)	Per Test	100.00
11.07	Specific Gravity and Absorption (Course Aggregate)	Per Test	100.00
11.08	Los Angeles Abrasion Tests	Per Test	380.00
11.09	Soundness Tests	Per Test	400.00
11.10	Reducing Field Samples	Per Field Sample	15.00
11.11	Moisture Content of Aggregate	Per Test	12.00
11.12	Carbonate and Organic Tests	Per Test	105.00
11.13	Degradation Tests	Per Test	85.00
11.14	Plastic Flow of Bituminous Mixtures	Per Test	145.00
11.15	Plastic Flow of Field Produced Mixtures	Per Test	145.00
11.16	Bulk Specific Gravity	Per Test	35.00
11.17	Compressive Strength tests	Per Test	19.00
11.18	Dry Preparation of Samples	Per Sample	19.00
11.19	Particle Size Analyses	Per Test Series	95.00
11.20	Liquid Limit	Per Test	95.00
11.21	Plastic Limit and Plasticity Index	Per Test	85.00
11.22	Specific Gravity Tests	Per Test	100.00
11.23	Wet Preparation of Samples	Per Sample	40.00
11.24	Permeability Tests	Per Test	200.00
11.25	Consolidation Tests	Per Test	600.00
11.26	Triaxial Compression Tests	Per Test	610.00
11.27	Moisture Content Tests	Per Test	15.00
11.28	Organic Content Tests	Per Test	45.00
11.29	Coefficient of Permeability Tests (falling head)	Per Test	290.00
11.30	Moisture-Density Relation (10 lb. hammer)	Per Test	100.00
11.31	Moisture-Density Relation (5 lb. hammer) (Standard Proctor Test)	Per Test	100.00
11.32	Conductivity and Resistivity Tests	Per Test	60.00
11.33	pH Tests	Per Test	25.00
11.34	Chloride Ion Tests	Per Test	45.00
11.35	Sulfate Tests	Per Test	40.00

TASK 12.00 ASBESTOS TESTING AND SURVEYS

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
12.01	Facility Testing and Survey Activities	Man Hour	95.00
12.02	Bulk Sample Analysis by EPA Method 600/R-93/116	Each	20.00
12.03	Asbestos Testing and Survey Report	Man Hour	50.00
12.04	Asbestos Abatement Various County Locations – <i>must be sub-contracted to properly licensed contractor</i>	<i>To Be Negotiated on a Project-by- Project Basis</i>	

TASK 13.00 RADON HAZARD

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
13.01	Facility testing and Survey Activities	Man Hour	95.00
13.02	Sample Analysis by EPA and State of Florida HRS Method	Each	20.00
13.03	Radon Hazard Testing and Survey Report	Man Hour	95.00

TASK 14.00 LEAD HAZARD

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT of MEASUREMENT	UNIT PRICE
14.01	Survey Activities	Man Hour	95.00
14.02	Laboratory Analysis of Suspect Lead-Containing Materials	Each	20.00
14.03	Laboratory Analysis of Lead in Drinking Water	Each	30.00
14.04	Report	Man Hour	50.00
14.05	Lead Risk Assessment	Each	40.00
14.06	Lead Clearance	Each	450.00
14.07	Lead Abatement	Each	<i>To Be Negotiated</i>

TASK 15.00 INDOOR AIR QUALITY TESTING

PAYMENT ITEM NO.	DESCRIPTION OF WORK ITEM	UNIT o f MEASUREMENT	UNIT PRICE
15.01	Preliminary Assessment	Man Hour	105.00
15.02	Detailed Air Quality Evaluation	<i>To Be Negotiated on a Project-by-Project Basis</i>	