

ANDERSEN ANDRE CONSULTING ENGINEERS, INC.

Geotechnical Engineering
Construction Materials Testing
Environmental Consulting
PH. (772) 807-9191

Contact: David Andre, P.E. dandre@aceinc.com

ANDERSEN ANDRE CONSULTING ENGINEERS, INC. FEE SCHEDULE (EFFECTIVE 2023-2025)

● CONSTRUCTION MATERIALS TESTING SERVICES ●

SOIL TESTING – FIELD

Field Density Tests - minimum of four per trip (Nuclear Method – ASTM - D-2922).....	\$27.00/test
Engineering Technician Time	
Penetrometer Tests	\$68.00/hr.
Standby Time	\$68.00/hr.
Inspection and Monitoring Fill Placement.....	\$68.00/hr.
Monitoring Muck Excavation & Backfill.....	\$68.00/hr.

SOIL TESTING – LABORATORY

Modified Proctor – ASTM D-1557	\$95.00/ea.
Standard Proctor – ASTM D-698	\$95.00/ea.
Florida Bearing Value (FBV) – FM-5-517	\$70.00/ea.
Limerock Bearing Ratio (LBR) – FM-5-515	\$325.00/ea.
Proctor/LBR/FBV Sample Pickup (If Not Scheduled With Other Work).....	\$68.00/hr
Moisture Content – ASTM D-2216	\$22.00/ea.
Organic Content – ASTM D-2974.....	\$40.00/ea.
Carbonate Content – FM-5-514.....	\$70.00/ea.
Atterberg Limits - ASTM D-4318	\$98.00/ea.
Corrosion Series Testing - (pH, sulfate, chloride, resistivity)	\$210.00/ea.
Soil Particle Size Analysis (ASTM D-422)	
Dry Sieve Analysis – 1 inch to No. 200	\$75.00/ea.
Washed Sieve Analysis – 1 inch to No. 200	\$105.00/ea.
Washed Sieve Analysis – No. 200 only	\$60.00/ea.
Hydrometer Analysis – Passing No. 200.....	\$185.00/ea.
Road Base Particle Size Analysis	
Sample Preparation	\$45.00/ea.
Washed sieve analysis	\$105.00/ea.
Laboratory Permeability Testing of Soil (ASTM D-2434)	
Constant Head or Falling Head	\$205.00/test
Specific Gravity of Rock/Cores (ASTM D-854)	\$135.00/test
L.A. Abrasion of Rock/Aggregate (ASTM C535)	\$325.00/test

Andersen Andre Consulting Engineers, Inc. ● 834 SW Swan Avenue, Port St. Lucie, FL 34983 ●
Ph. (772) 807-9191 ● www.aceinc.com ● Contact: David Andre, P.E. dandre@aceinc.com

CONCRETE SAMPLING AND TESTING (Indian River County)

Compressive Strength Samples of normal weight concrete (ASTM C-31)	\$100.00/set
Includes: sampling (ASTM C-172), Slump (ASTM C-143)	
Temperature (ASTM C-1064), Molding (ASTM C-31)	
Curing & Testing (ASTM C-39) for 1 Set of Four Test Cylinders	
Additional cylinders (more than 4 per set)	\$20.00/cyl.
Additional slump tests (more than 1 per set)	\$20.00/ea.
Compressive strength of CMU grout Samples (ASTM C-1019):.	\$100.00/set
Includes, Slump if requested, Temperature and Molding	
1 Set of Four Grout Prisms	
Technician Standby time due to construction delays in excess of 1.0 hour per set of cylinders/prisms	\$68.00/hr.
Sample pick-up if not scheduled with other work	\$68.00/set
Curing and strength testing of concrete samples F.O.B.our laboratory (ASTM C-39):	\$25.00/cyl.
Continuous monitoring of concrete placement	\$68.00/hr.
Air Content by Volumetric Method (ASTM C-173).	\$40.00/test
Air Content by Pressure Method (ASTM C-231)	\$50.00/test
Unit Weight and Yield (ASTM C-138)	\$50.00/ea.
Fineness Modulus.	\$65.00/ea.
Concrete blocks (ASTM C-140)	
Strength tests (gross area basis)	\$55.00/block
Strength tests (net area basis)	\$85.00/block
Absorption	\$50.00/block
Masonry Mortar – 2" x 2" cubes molded at site (3 per set)	\$100.00/set

SAMPLING AND TESTING OF IN-PLACE CONCRETE

Core samples	
Mobilization	\$120.00/day
Technician time (2 man crew)	\$68.00/man-hr.
Core machine	\$175.00/day
Generator (if required)	\$75.00/day
Diamond bit wear - per inch diameter per inch length	\$0.40/in/in
Sample preparation (Measuring, Trimming & Capping).	\$40.00/core
Compressive Strength tests	\$25.00/core

Swiss Hammer:

Equipment Fee	\$60.00/day
Senior Technician time	\$75.00/hr.

Windsor probe:

Equipment Fee	\$150.00/day
Charges per set of 3 shots	\$75.00/set
Staff Engineer/ Senior Technician Field time	\$85.00/hr.

Rebar Location

R-Meter	\$85.00/day
Technician time	\$75.00/hr.

ASPHALT FIELD INSPECTION, SAMPLING AND LABORATORY TESTING

Pavement Cores for thickness verification, base thickness & subbase description

Mobilization	\$120.00/day
Core Machine	\$175.00/day
Generator	\$75.00/day
Technician time (2 man crew)	\$68.00/man-hr.
Diamond bit wear - per inch diameter per inch of depth.	\$0.40/in/in
Flag men and barricades if needed for safety and M.O. T.	\$68.00/hr./man

Laboratory Testing Services

Unit weight of cores	\$40.00/core
Marshall Stability & Flow	\$210.00
Extraction and gradation tests	\$225.00

Field and Plant Inspection Services

Senior Engineering Technician (CTQP Certified Plant Inspector)	\$90.00/hr.
Senior Engineering Technician (CTQP Certified Paving Inspector)	\$80.00/hr.

STRUCTURAL STEEL

Bolted connections

Torque Wrench	\$100.00/day
Project Engineer	\$105.00/hr.
Sr. Engineering Technician	\$86.00/hr.

Field inspection of steel reinforcement placement

Senior Project Engineer (P.E.)	\$135.00/hr.
Project Engineer (P.E.)	\$105.00/hr.
Staff Engineer	\$90.00/hr.
Senior Engineering Technician	\$85.00/hr.
Engineering Technician	\$68.00/hr.

TRAVEL CHARGES

Charges to be determined per job – most jobs are billed portal to portal

SUBCONTRACTING SERVICES

Cost plus 15%

OVERTIME AND HOLIDAY

Overtime rates will apply to all work scheduled or completed on weekends and holidays and prior to 7:00 AM and after 5:00 PM on weekdays.

Weekdays prior to or after normal working hours	1.50 x normal rate
Weekends	1.50 x normal rate
Holidays	2.00 x normal rate

● SUBSURFACE EXPLORATION SERVICES ●

Mobilization & demobilization of drilling crew and equip	\$350.00
Layout of boring locations, and coordination of underground utility locating	\$85.00/hr

Standard Penetration Test (SPT) borings
(ASTM D-1586) in soil (N-values less than 50):

- From surface to depths of 25 feet \$16.00/foot
- From 26 to 50 feet \$17.00/foot
- From 51 to 75 feet \$20.00/foot
- From 76 to 100 feet \$24.00/foot

Additional charge for SPT in high resistance soil/rock (N-values greater than 50) \$6.00/foot

Continuous SPT testing and sampling \$28.00/sample

Other subsurface sampling and testing methods:

Auger borings (ASTM D-1452)	\$12.00/foot
Muck probings	\$610.00/technician/day

Wash borings(cutting only):

Soil	\$11.00/foot
Rock	\$14.00/foot

Undisturbed sampling:

Shelby tube	\$135.00/sample
Fixed piston	\$150.00/sample
Dutch Cone Soundings	varies
Piezocone Soundings	varies

Other Charges:

Standby time (per crew hour)	\$145.00/hour
Borehole grouting and sealing	\$145.00/hour plus materials
Furnish, install and remove casing	\$12.00/foot
Lodging and per diem (crew-man/day)	\$200.00/day
Materials	cost + 20%

Special Drilling:

Barge drilling	varies
NQ wireline coring	varies
Drilling at depths in excess of 100 feet.	varies
Large diameter boreholes.	varies

Groundwater Depth Measurements:

Shallow Piezometers (Non-Environmental)	
• 0 to 10 feet	\$35.00/foot
• 10 to 20 feet	\$40.00/foot

Subsurface Permeability Tests:

SFWMD Exfiltration test.	\$425.00/test
Borehole Permeability test.	\$425.00/test
Double Ring Infiltrometer test	\$525.00/test

● **ENGINEERING SERVICES** ●

Inspection of construction procedures, data evaluation, engineering analyses, and report preparation

Principal Engineer (P.E.)	\$150.00/hr.
Senior Project Engineer (P.E.)	\$135.00/hr.
Project Engineer.	\$105.00/hr.
Staff Engineer	\$90.00/hr.
Senior Transportation/Roadway Technician	\$90.00/hr.
Senior Engineering Technician	\$68.00/hr.
CAD Draftsman / Technical Secretary	\$55.00/hr.



David P. Andre, P.E.
Principal Engineer



EXHIBIT "1"

**ARDAMAN & ASSOCIATES, INC.
 FEE SCHEDULE
 INDIAN RIVER COUNTY**

**GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING
 AND CONSTRUCTION MATERIALS TESTING SERVICES**

(Effective 12/3/23 through 12/2/25)

COMPACTION TESTS

In-Place Density Testing (ASTM D-6983 or D-2937, minimum 4 tests/trip)	\$24.00/test
Standard (ASTM D-698) or Modified Proctor (ASTM D-1557)	\$103.00/test
Limerock Bearing Ratio (minimum 3 points)	\$318.00/test

CONCRETE SAMPLING AND TESTING

Cylinder samples (up to 4 cylinders per set): molding curing, and strength testing (ASTM C-31 and C-39). Cylinders shall be left in a place provided by the Contractor, covered with plastic caps and attempts made to provide shade thereon. If temperature of the air is critical to first 24 hours (during field curing), equipment to maintain such controls shall be provided by others..... \$100.00/set

Additional cylinders	\$17.00/cylinder
Engineering technician standby time and transporting cylinders from site to office	hourly tech rate
Curing and strength testing samples delivered to our laboratory (ASTM C-39)	\$17.00/cylinder
Slump tests (ASTM C-143)	\$18.00/test
Air Entrainment (ASTM C-173)	\$33.00/test
Unit weight.....	\$38.00/test
Grout Prisms 3/set (blocks supplied by others)	\$100.00/set
Marsh Funnel Viscosity.....	\$98.00/test
<u>Swiss Hammer</u>	
Mobilization of equipment.....	\$98.00/trip
Technician time	hourly tech rate
<u>Coring and testing of cored samples:</u>	
Engineering technician time (two technicians may be required)	hourly tech rate
Mobilization of coring equipment (with power supplied)	\$170.00/trip
Mobilization of coring equipment (without power supplied)	\$115.00/trip
Trimming, capping and strength test (ASTM C-42).....	\$51.00/core
Depth Measurement.....	\$17.00/core

ASPHALT: FIELD INSPECTION, SAMPLING AND LABORATORY TESTING

Field sampling of asphalt	hourly tech rate
<u>Coring:</u>	
Mobilization of coring equipment (with power supplied).....	\$170.00/trip
Mobilization of coring equipment (without power supplied)	\$115.00/trip
Marshall Stability and Flow Test (Includes pill densities)	\$120.00/test
Extraction and gradation tests (sampled hot)	\$149.00/test
Extraction and gradation tests (sampled from pavement).....	\$185.00/test
Density tests	\$29.00/test
Depth measurements.....	\$18.00/test

CLASSIFICATION TESTS

Moisture Content (ASTM D-2216)	\$18.00/test
Organic Content	\$34.00/test
Unit Weight/Classification (Undisturbed Sample)	\$53.00/test
Sieve Analysis (ASTM D-421, D-422).....	\$72.00/test
Percent Fines (ASTM D-1140)	\$39.00/test
Hydrometer Analysis (ASTM D-422).....	\$98.00/test



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

460 NW Concourse Place, Unit 1
Port St. Lucie, Florida 34986
772-878-0072 (office)
772-878-0097 (fax)
www.ardaman.com

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CLASSIFICATION TESTS (continued)

Atterberg Limits (ASTM D-4318)	
Plasticity Index Less than 150%	\$119.00/test
Plasticity Index Greater than 150%	\$91.00/test

CONSOLIDATION TESTS

Incremental Consolidation Test (ASTM D-2435)	
Up to Ten Load-Unload Increments	\$504.00/test
More than Ten Load-Unload Increments	\$57.00/increment
Constant Rate of Strain Consolidation Test (ASTM D-4186)	\$615.00/test

PERMEABILITY TESTS

Permeability Test on Sand	\$170.00/test
Permeability Test on Fine Grained Soil	
k > 10 ⁻³ cm/sec	\$250.00/test
k < 10 ⁻⁸ cm/sec	\$388.00/test
Test Duration Greater than 7 days	\$22.00/increment

STRENGTH TESTS

Strength Index Tests (Torvane, Penetrometer, etc.)	\$14.00/test
Vane Shear Test	\$25.00/test
Unconfined Compression Test (ASTM 0-2166)	
Strength Only	\$57.00/test
With Stress-Strain Curve	\$98.00/test
Triaxial Tests:	
Unconsolidated-Undrained (ASTM 0-2850)	\$207.00/test
Unconsolidated-Undrained (with pore pressure response)	\$472.00/test
Consolidated-Undrained (with pore pressure measurement)	\$472.00/test
Consolidated-Drained on Sands	\$355.00/test
Consolidated-Drained on Fine Grained Soils	\$530.00/test
Direct Shear Tests (Coarse Grained Soils)	
Conventional 2.3" Box Shear	\$255.00/test
With Stress Reversals	\$377.00/test

CHEMICAL TESTS

pH	\$17.00/test
Specific Conductance	\$14.00/test
Fluoride	\$25.00/test
Sulfate	\$48.00/test
Chloride	\$48.00/test
Soil pH	\$29.00/test
Soil Specific Conductance	\$48.00/test
Soil Resistivity (ASTM G-57)	\$48.00/test
Carbonate Content	\$77.00/test
Corrosion Series (pH, sulfate, chloride and resistivity)	\$175.00/test

CHEMICAL LABORATORY SUBCONSULTANT SERVICES

Laboratory Analytical Testing

Cost+ 15%



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(Effective 12/3/23 through 12/2/25)

DRILL RIG MOBILIZATION AND DEMOBILIZATION

Men and Equipment.....\$425.00/trip
Portable Barge.....\$6,000.00 Minimum/trip

STANDARD DRILLING

Auger Borings (4-inch)\$11.50/foot
Wash Borings - Cuttings Only (up to 3 inch) Soil drilling\$10.35/foot
Rock drilling.....\$17.00/foot
Standard Penetration Test (SPT) Borings
(ASTM D-1586) in soil (N-values <50):
from surface to 25 feet.....\$16.50/foot
from 25 feet to 50 feet.\$17.75/foot
from 50 feet to 100 feet.....\$18.60/foot
from 100 feet to 125 feet.....\$22.80/foot
from 125 feet to 150 feet.....\$28.70/foot
Standard Penetration Test (SPT) Borings in
high resistance soil/rock (N-values >50, in addition to SPT drilling rate).....\$6.10/foot
Furnish, Install, and Remove Casing (up to 4-inch):
from surface to 50 feet.....\$11.70/foot
from 50 feet to 100 feet.....\$14.40/foot
from 100 feet to 150 feet.....\$17.50/foot
Drilling (Time Basis)/2 man-crew\$286.00/hour
Drilling (Time Basis)/3 man-crew\$395.00/hour
Support Water Truck (Time Basis)\$286.000/day
Rock Coring (Nor H size)
from surface to 50 feet.....\$33.00/foot
from 50 feet to 100 feet.....\$39.30/foot
from 100 feet to 150 feet.....\$45.60/foot
Field Permeability\$393.00/test
Double Ring Infiltrometer Test (ASTM D-3385-75).....\$557.00/test

DRILL RIG SAMPLING

Additional SPT Sampling:
from 10 feet to 25 feet.\$25.00/sample
from 26 feet to 50 feet.\$28.00/sample
from 51 feet to 100 feet.....\$32.00/sample
from 101 feet to 125 feet.....\$37.00/sample
from 126 feet to 150 feet.....\$43.00/sample

Undisturbed Samples:

Shelby Tube
Fixed-Piston Shelby, Osterberg, Pitcher
\$250.00/sample
\$393.00/sample

DRILL RIG SOUNDINGS

Piezocene Soundings.....\$15.40/foot
Muck Probing/Clay Sampling hourly tech rate
Cone/Piezoprobe Soundings (Time Basis)\$286.00/hour
Piezoprobe Dissipation Monitoring\$286.00/hour

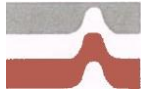


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(Effective 12/3/23 through 12/2/25)

SPECIAL DRILLING/SOUNDING

Prices for special drilling (barge drilling; air boat sampling; amphibious drilling; NQ wire line coring; large diameter borings; drilling in corrosive, contaminated or hazardous materials; drilling at great depths; installing large diameter temporary casing; etc.) field vane testing, and other specialized sampling or field tests will be determined per project.

OTHER DRILL RIG CHARGES

Clearing Difficult Access, Hole Location and Set-Up.....	\$286.00/hour
Standby Time (drillers)	\$286.00/hour
Piezometer and Well Installation (plus materials)	\$286.00/hour
Bore Hole Grouting and Sealing (plus materials)	\$286.00/hour
Materials	Cost+ 15%
Barge Borings	Normal drilling rates times 1.5
ATV Borings.....	Normal drilling rates times 1.5

INSTRUMENTATION

Prices for installation of monitor wells, inclinometers and settlement devices and prices for performing field permeability and packer tests will be determined per project.

GENERAL FIELD EQUIPMENT:

Generator	\$111.00/day
Steam Cleaner	\$111.00/day
Surveying Equipment (Water Table Elevations).....	\$74.00/day
Peristaltic Purging Pump	\$56.00/day
pH/Conductivity Meter	\$38.00/day
Turbidity Meter	\$62.00/day
Water Level Indicator.....	\$28.00/day

EXPENDABLE SUPPLIES:

High Capacity (0.45 micron) Filter	\$28.00/each
Disposable Teflon Bailer.....	\$23.00/each
Disposable Polyethylene Bailer	\$17.00/each
Isopropyl Alcohol (decontamination)	\$17.00/gallon
Deionized Water (decontamination).....	\$6.00/gallon
16 oz. Soil Jars (soil headspace analysis).....	\$17.00/box
Tygon Tubing	\$4.00/foot
Polyethylene Tubing.....	\$1.00/foot
55-gallon Drum.....	\$85.00/drum

HEAVY EQUIPMENT:

Vacuum Truck, Dump Truck, Crane, Excavator, Trackhoe, Backhoe, etc.....	Cost + 15%
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ENVIRONMENTAL SITE ASSESSMENTS

<u>Phase I Environmental Site Assessments</u>	
Tracts 50 acres or less (contiguous properties or per individual tract)	\$2,100.00 Minimum
Tracts between 51 and 500 acres (contiguous properties).....	\$2,500.00 Minimum
Tracts greater than 500 acres	varies by project

<u>Phase II Environmental Site Assessments</u>	varies by project
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Analytical Laboratory testing for hazardous or petroleum contamination (soil, sediment and groundwater).....	cost + 15%
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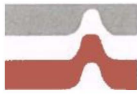


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(Effective 12/3/23 through 12/2/25)

REMEDIATION EQUIPMENT:

Cost is based on type of equipment and duration of project. Cost to be determined on project by project basis.

MONITORING WELL INSTALLATION

Temporary 2-inch PVC Wellpoint (Piezometer)	\$21.00/foot
2-inch PVC	\$39.50/foot

VAULT/PAD INTALLATION - MONITORING WELLS

<u>Well Size</u>	
2-inch PVC	\$313.00/well
4-inch PVC	\$425.00/well
Above ground riser w/pad.....	\$313.00/well

DIRECT PUSH GROUNDWATER SAMPLING

Direct Push Sampler (minimum 1 day)	\$1,700.00/day
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ENGINEERING (HOURLY RATES)

Data Evaluation, Engineering Analysis, Design, Inspections, Field Monitoring, etc.

Principal Engineer	\$160.00/hour
Senior Project Engineer (P.E. / Branch Manager).....	\$135.00/hour
Project Engineer	\$110.00/hour
Staff Engineer	\$98.00/hour

CONSTRUCTION MONITORING AND FIELD TESTING (HOURLY RATES)

Senior Field Technician	\$65.00/hour
Field Technician	\$58.00/hour
Senior Asphalt Plant Inspector	\$104.00/hour
Certified Weld Inspector	\$110.00/hour
Senior Steel Inspector	\$110.00/hour

SUPPORT PERSONNEL (HOURLY RATES)

Senior Technical Draftsman	\$70.00/hour
Technical Draftsman 1	\$60.00/hour
Technical Secretary	\$58.00/hour

OVERTIME AND HOLIDAY

Charges will be increased 50% for work performed during weekends and official holidays.

SUB-CONTRACTING SERVICES

Cost Plus 15%

Please call if you have any questions or require additional information.

Sincerely,
ARDAMAN & ASSOCIATES, INC.

Jason P. Manning, P.E.
 Branch Manager



SCHEDULE OF FEES AND SERVICES
Geotechnical Engineering and Construction Materials Testing
December 3rd, 2023 – December 2nd, 2025

Note: The intent of the contract is to include all labor, materials, transportation, set-up, fuel, equipment, and other items necessary to complete the item of work. All items incidental to or necessary for the completion of the item shall be included in the price.

I. SOIL TESTING

1.	Field Density Test (Minimum of 5 per trip)	\$25.00/test
2.	Proctors (Modified and Standard)	\$100.00/test
3.	Florida Bearing Value Test	\$50.00/test
4.	Limerock Bearing Ratio Test	\$325.00/test
5.	Atterberg Limit	\$80.00/test
6.	Carbonate Content Test	\$80.00/test
7.	Organic Content Test	\$50.00/test
8.	Soil Observation (On Site)	\$70.00/hr
9.	Natural Sample Moisture Content	\$40.00/test
10.	Unit Weight and Moisture Content (Undisturbed Sample) .	\$40.00/test
11.	D.O.T. Corrosivity	\$200.00/test
12.	Mixer Uniformity Testing	\$550.00/test
13.	Intellirock Hand Held Reader	\$550.00/project
14.	Intellirock Thermistors	\$100.00/test
15.	Soil-Classification Tests for Embankment/Select Fill	\$150.00/test
16.	Relative Density Test (ASTM D4253, D4254)	\$500.00/test
17.	Carbonates	\$65.00/test

II. CONCRETE & MASONRY MATERIALS

1.	Concrete Compression test (Min four [4] cylinders per trip); -Prepare cylinders & slump test on site,	\$125.00/set
2.	Additional Concrete cylinders	\$20.00/cyl.
3.	Concrete Compression test only [delivered to lab]	\$20.00/cyl.
4.	Slump test	\$20.00/test
5.	Air Content Test	\$25.00/test
6.	Stand-by and Onsite Technician Time	\$70.00/hr.
7.	Grout Prism (Six [4] per set) - Includes preparation of Prism on site	\$125.00/set
8.	2" x 2" Mortar Cubes (Six [6] per set) -Includes preparation of Cubes on site	\$125.00/set
9.	Additional Mortar cubes	\$20.00/each
10.	Masonry Units	
	A. Compressive Strength	\$50.00/unit
	B. Absorption	\$25.00/unit
11.	Concrete Cores (Min. 3); - Secure, trim & test - Testing of core [delivered to lab (Incl. Trim)] - Mobilization	\$150.00/core \$50.00/core \$200.00/each
12.	Swiss Hammer Testing	\$75.00/hour (2 hr. minimum)
13.	Windsor Probe Test (Min. 3 shots)	\$250.00/test

14. Additional Windsor Probe Tests \$100.00/test

III. AGGREGATE TESTING

- 1. Grain size determination:
 - A. Full grain size (8 sieves) \$100.00/test
 - B. Wash through (#200) \$60.00/test
- 2. Sieve Analysis - Coarse Aggregate \$100.00/test
- 3. Specific Gravity & Absorption of Fine or Coarse Aggregate \$95.00/test
- 4. LA Abrasion \$350.00/test
- 5. Sulfate Soundness \$225.00/test
- 6. Freeze/Thaw Testing \$350.00/test
- 7. Petrography \$2,500.00/test
- 8.

IV. ASPHALT TESTING

- 1. Asphalt Cores (obtaining core samples) \$75.00/each
 - Mobilization \$200.00/each
- 2. Asphalt Extraction & Gradation \$250.00/test
- 3. Asphalt Density and Thickness \$25.00/test
- 4. Marshall Stability (Incl. density, flow and stability of 3 specimens) (50 blows) \$150.00/test
- 5. Asphalt density testing using nuclear gauge backscatter mode \$23.00/each
- 6. Superpave Resolution Testing
 - A. Gyrotory Compaction, bulk specific gravity \$250.00/test
 - B. Rice Testing \$150.00/test

V. INSPECTION SERVICES

- 1. Concrete Inspection (on job-site or plant) \$70.00/hour
- 2. Floor Flatness \$500.00/trip
- 3. Vibration Monitoring Monthly \$2500.00/month
- 4. Turbidity Monitoring \$70.00/hour
- 5. NPDES Inspections \$175.00/trip
- 6. Vibration Monitoring Daily 70.00/hour
- 7. Vibration monitoring Daily Rental \$2000.00/day
- 8. Fireproofing Thickness and Density \$95.00/hour
- 9. Fireproofing Density Testing \$25.00/test
- 10. Paint/Intumescent Thickness Determination \$95.00/hour
- 11. Pile Driving Inspection \$95.00/hour
- 12. Pre-Stress Yard Inspection \$95.00/hour
- 13. Steel Inspection \$95.00/hour
- 14. Threshold Inspection \$95.00/hour
- 15. Asphalt Plant Inspections \$85.00/hour
- 16. PDA (Pile Dynamic Testing Services) Monitoring \$95.00/hour
- 17. Helical Pile Monitoring (staff engineer) \$95.00/hour
- 18. Drill Shaft Logging / Inspection Services \$85.00/hour
- 19. ACI Concrete Special Inspector \$95.00/hour

VI. FIELD EXPLORATIONS

- 1. Auger Borings \$18.00/LF
- 2. Hand Augers \$18.00/LF
- 3. Standard Penetration Tests - Truck Rig (0' - 50') \$18.00/LF (min. \$450.00/job)
- (51' - 100') \$22.00/LF (min. \$450.00/job)

4.	Grout bore holes -	
	A. (0' - 50')	\$4.50/LF
	B. (51' - 100')	\$5.50/LF
5.	Static Cone Penetration Test (0' -100')	\$18.00/LF
6.	Casing	
	A. 0'-50'	\$8.00/ft
	B. 50'-100'	\$10.00/ft
7.	Muck Probing (4 hr min.)	\$95.00/hour
8.	Mobilization of drilling equipment to project (Min. Charge):	
	1. 50 mile travel	\$350.00/trip
	2. 100 mile travel	\$400.00/trip
9.	Foundation Analysis and Recommendation	\$150.00/hour
10.	Percolation test	\$4000.00/test
11.	Install Groundwater Monitoring Well 25' (Per PBCWUD Standards)	\$35.00/ft
12.	Plug and Abandon Monitoring Well, 25'	\$150.00/hr

VII. OVERTIME; 150% of rate
 OT would apply only if the County requests Services on Weekends, Holidays, or specifically requests field services to occur before or after normal work hours (e.g. 7:00 AM to 5:00 PM M-F) or requires services exceeding 8 hours in a given day).

IX ANY ADDITIONAL TESTING OR SERVICES AS AUTHORIZED AND APPROVED BY THE OWNER, INDIAN RIVER COUNTY

Quote provided upon request for additional services.

X. ENGINEERING AND PROFESSIONAL SERVICES

1.	Principal Engineer	\$150.00/hour
2.	Senior Geotechnical Engineer	\$150.00/hour
3.	Engineer, P.E.	\$135.00/hour
4.	Staff Engineer	\$95.00/hour.
5.	Senior Engineering Technician	\$75.00/hour
6.	Engineering Technician	\$70.00/hour
7.	Drafter / CADD	\$85.00/hour
8.	Office Administrator	\$70.00/hour

Schedule of Services and Fees
Environmental Services

I. PROFESSIONAL SERVICES

1. Professional Geologist	\$140.00/hour
2. Principal Geologist	\$150.00/hour
3. Field Technician	\$85.00/hour
4. Asbestos Testing	Call for Pricing
5. Phase 1 Environmental Site Assessment	Call for Pricing
6. Phase 2 Environmental Site Assessment	Call for Pricing

Schedule of Services and Fees
Infiltration & Duct Leakage Testing

I. PROFESSIONAL SERVICES

Blower Door Testing (500-3,500 sqft)	\$250.00/home
Blower Door Testing (3,500-5,000 sqft)	\$300.00/home
Blower Door Testing Above 5,000sqft	Call for pricing
Duct Leakage Tes -\$75 in addition to the Blower Door Test for each A/C Unit (\$50 non cancellation fee applicable to any service listed)	

Schedule of Services and Fees
Environmental Health and Safety Services

I. PERSONNEL

Principal	\$175.00/hour
Certified Industrial Hygienist (CIH)	\$150.00/hour
Senior Associate / Department Manager	\$150.00/hour
Senior Project Manager	\$140.00/hour
Professional Engineer (PE)	\$150.00/hour
Professional Geologist (PG)	\$140.00/hour
Florida Licensed Asbestos Consultant	\$175.00/hour
Florida Licensed Mold Inspector	\$ 85.00/hour
Licensed Asbestos Inspector/Mgmt. Planner/Designer/Supervisor	\$ 95.00/hour
Florida Licensed Radon Measurement Specialist	\$150.00/hour
Project Scientist/Staff Professional	\$ 95.00/hour
Geologist/ Engineer/ Scientist	\$ 95.00/hour
Sr. Environmental Technician/Air Monitor	\$ 85.00/hour
Environmental Technician	\$ 85.00/hour
Draftsman / Cad Operator	\$ 85.00/hour
Administrative/ Clerical	\$ 70.00/hour

An overtime premium of 1.5 times the hourly rate will apply for services provided Monday through Friday that are in excess of 8 hours per day and for services provided before 7:00 AM and after 6:00 PM, as well as for services provided on Saturday, Sunday and GFA International, Inc. recognized Holidays.

Deposition or court testimony at 1.5 times regular rate - minimum of \$150.00/hour.