

AGREEMENT FOR GEOTECHNICAL ENGINEERING AND INSPECTION PROFESSIONAL SERVICES

This Agreement is entered into by and between The School Board of Clay County, Florida, ("SBCC") 900 Walnut Street, Green Cove Springs, Florida, 32043, and Ellis & Associates, Inc. (Consultant) 7064 Davis Creek Road, Jacksonville, Florida 32256 for Geotechnical Engineering and Inspection Professional Services for various needs county-wide.

This Agreement shall cover the period from November 20, 2007 through November 19, 2008. At the expiration of its term, by mutual agreement between the parties, this Agreement may be renewed for additional contract periods on same terms and conditions. Notice of intent to renew shall be given to the Consultant in writing by the SBCC normally sixty (60) days before the expiration date of the current Agreement. This notice shall not be deemed to commit the SBCC to a contract renewal.

This Agreement shall include geotechnical engineering and inspection of developed and undeveloped property. Prior to the commencement of work the SBCC shall issue a purchase order for each project detailing the scope of work requested.

The SBCC shall notify the Consultant when work is required. Consultant shall respond to the SBCC within forty-eight hours (48) after notification. A SBCC representative shall schedule a meeting with Consultant to discuss the scope of work required. Based upon those discussions, the Consultant shall submit to the SBCC a cost proposal to perform the work based upon their fee schedule and hourly rates contained in this Agreement. The estimate shall contain the estimated number of units and hours broken out by category of service, firm unit rates and hourly rates for each category, a narrative describing work to be performed and estimated time for completion. After review and acceptance of the cost proposal, the SBCC shall issue a purchase order to perform the work.

When the scope of services involves work of such nature that the Consultant cannot reasonably estimate the time which would be required to provide the services, the SBCC may agree to an Hourly Rate Purchase Order based on the actual hours worked times the hourly rate indicated in this Agreement.

If delay is foreseen, Consultant shall give thirty (30) days prior written notice to the SBCC. The SBCC has the right to extend completion date if reasons appear, in the sole discretion of the SBCC, to be valid. Consultant must keep the SBCC advised at all times of status of order. Default in promised completion (without accepted reasons) or failure to meet specifications, authorizes the SBCC to purchase services elsewhere and charge full increase in cost and handling to the Consultant.

Any reports or other documents prepared by the Consultant in the performance of its obligations under this Agreement shall be the exclusive property of the SBCC. The Consultant shall not use, willingly allow, or cause such materials to be used for any purpose other than performance of all Consultant's obligations under this Agreement without the prior written consent of the SBCC.

Subject to the provisions below, this Agreement may be terminated by the SBCC upon thirty (30) days advanced written notice to Consultant; but if any work or service hereunder is in progress, but not completed as of the date of termination, then this Agreement may be extended upon written approval of the SBCC until said work or services are completed and accepted.

Termination by the SBCC for cause, default or negligence on the part of the firm shall be excluded from the foregoing provision; termination costs, if any shall not apply. The thirty (30) days advance notice requirement is waived in the event of Termination for Cause.

If funds are not appropriated or otherwise made available to support continuation of the performance of this contract in a subsequent fiscal year, then this Agreement shall be canceled and Consultant shall be reimbursed for the reasonable value of any non-recurring costs incurred but not amortized in the price of the supplies or services delivered under this Agreement.

All employees of the Consultant shall be considered to be at all times the sole employees of the Consultant under their sole direction and not an employee or agent of the SBCC. Consultant shall supply appropriate employees and the SBCC may require the Consultant to remove an employee it deems careless, inappropriate, insubordinate or otherwise objectionable and whose presence on the SBCC property is not in the best interest of the SBCC. Each employee of the Contractor shall have and/or wear proper identification while performing work for the SBCC.

Consultant is hereby advised that they shall not lobby with and SBCC personnel or School Board Members related to or involved with this Agreement. All oral or written inquiries shall be directed through the Purchasing Department.

Lobby is defined as any action taken by an individual, firm, association, joint venture, partnership, syndicate, corporation and all other groups who seek to influence the governmental decision of a Board Member or SBCC personnel on the award of this Agreement

Any Consultant or any individuals that lobby on behalf of a Consultant shall result in this Agreement being cancelled.

Consultant shall comply with the requirements of law regarding ethics as set forth in Chapter 112, Florida Statutes, and rules promulgated by the Florida Commission of Ethics.

Consultant and all their employees, when required, shall obtain a Level II fingerprinting and background screening in accordance with the Jessica Lunsford Act. All cost associated with obtaining fingerprinting and background check shall be at no expense to the SBCC. Refer to the SBCC web site www.clay.k12.fl.us and click into Jessica Lunsford Act for more information on when and how to obtain fingerprinting and background checks under this law and what employee this may affect.

Consultant shall not assign, transfer, convey, subcontract or otherwise dispose of this Agreement, or of any or all of their rights, title or interest herein, or their power to

execute such Agreement to any person, company or corporation without prior written consent of the SBCC. Consultant has the sole and exclusive responsibility for furnishing services in accordance with the Agreement. Consultant's obligations cannot be delegated.

Consultant shall be paid upon submission of invoices to the SBCC at the unit rates stipulated on this Agreement. After acceptance for services performed under this Agreement invoices shall be paid in accordance with the Florida Prompt Payment Act. Invoices shall contain purchase order number. An original invoice shall be submitted. Failure to follow these instructions may result in delay in processing invoices for payment. The SBCC issues payments the second and forth Thursday of each month (slight modifications during major holidays).

Consultant shall maintain any and all current licenses throughout this entire Agreement, failure to do so may be cause for immediate termination.

Prior to commencement of performance under this Agreement, Consultant shall furnish to the SBCC Purchasing Department, a certificate of insurance clearly indicating the following insurance coverage's have been obtained:

- General Professional Responsibility – minimum \$1,000,000.
- General Commercial Liability – minimum \$1,000,000.
- Business Automobile Liability – minimum \$1,000,000 per occurrence
- Worker's Compensation – minimum statutory limits

The SBCC shall be named as an additional insured on the Consultant's policy.

Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the firm to solicit or secure this agreement and that it has not paid or agreed to pay any person, company, corporation, individual or firm other than a bona fide employee working solely for the firm any fee, commission, percentage, gift or any other consideration contingent upon the award of this Agreement.

Consultant shall comply with the requirements of law regarding ethics as set forth in Chapter 112, Florida Statutes, and rules promulgated by the Florida Commission of Ethics.

In the event that any provision shall be adjudged or decreed to be invalid, such ruling shall not invalidate the entire Agreement but shall pertain only the provision adjudged or decreed to be invalid and the remaining provisions shall continue to be valid, binding and in full force and effect.

Consultant shall hold and save the SBCC, its officers, agents and employees harmless against the claims by third parties resulting from Consultant's breach of this Agreement or Consultant's negligence.

Consultant shall, in addition to any other statutory or common law obligation to indemnify the School Board, indemnify, defend and hold harmless the School Board, its agents, officers, elected officials and employees against all claims, actions, liabilities, damages, losses, costs, fines, punitive damages and expenses of any kind or nature whatsoever, including but not limited to attorney's fees and legal costs brought against the School Board and/or its agents, officers, elected officials, employees and assigns, by any individual, corporation, consortium or any other legal person or entity, arising out of or caused by the acts or omissions, negligence, recklessness, intentional wrongful misconduct, violations of laws, statutes, ordinances, government administration orders, rules or regulations of the consultant, consultant's employees, officers, agents subcontractors, sub-subcontractors, materialman or agents of any tier or their respective employees. This indemnification clause shall not be construed to require any indemnitor to indemnify the School Board for any negligence on the part of the School Board, its agents or employees.

The indemnification obligations hereunder shall not be limited to any limitation on the amount, type of damages, compensation or benefits payable by or for the consultant or any subcontractor under workers' compensation acts, disability benefit acts, other employee benefit acts or any statutory bar.

This indemnification/hold harmless provision shall survive the termination of any contract with the School Board.

The fees to provide Geotechnical Engineering and Inspection Professional Services under this Agreement are shown on Exhibit A, which is attached hereto and made a part of this contract.

Executed this 20th day of November, 2007

Chairperson -School Board of Clay County, Florida

Date

Greg A. Edmonds,
President - ELLIS & ASSOCIATES, INC.

Date

THE ATTACHED MANDATED FORMS MUST BE COMPLETED AND SIGNED:

Required forms (attached and described below) - please execute and include with proposal

- 1 - Certification regarding non-discriminating
- 2 - Certification regarding lobbying
- 3 - Certification regarding debarment, suspension, ineligibility and voluntary exclusion
- 4 - Drug-free workplace certification

Please note the following public entity crime statement:

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit proposals on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in section 287.017, for category two for a period of 36 months from the date of being placed on the convicted vendor list.

Discrimination: an entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with any public entity.

If applicable, it should be noted that the program/project requiring the solicitation of this bid is being funded by the percentage of Federal funds listed below:

NA %

CERTIFICATION REGARDING NON-DISCRIMINATING

The undersigned assures that it shall comply with:

- A. Title VI of the Civil Rights Act of 1964, as amended, 42 U.S.C. 2000d et seq., which prohibits discrimination on the basis of race, color, or national origin.
- B. Section 504 of the Rehabilitation Act of 1973, as amended, 20 U.S.C. 794, which prohibits discrimination on the basis of handicap.
- C. Title IV of the Education Amendments of 1972, as amended, 20 U.S.C. 1681 et seq., which prohibits discrimination on the basis of sex.
- D. The Age Discrimination Act of 1975, as amended, 42 U.S.C. 6101 Et seq., which prohibits discrimination on the basis of age.
- E. Section 654 of the Omnibus Budget Reconciliation Act of 1981, as amended, 42 U.S.C. 9849, which prohibits discrimination on the basis of race, creed, color, national origin, sex, handicap, political affiliation or beliefs.
- F. The Americans with Disabilities Act of 1990, P.L. 101-336, which prohibits discrimination on the basis of disability and requires reasonable accommodation for person with disabilities.
- G. All regulations, guidelines, and standards as are now or may be lawfully adopted under the above statutes.

The vendor agrees that compliance with this assurance constitutes a condition of receiving payments under this contract/purchase order and that it is binding upon the vendor for the period during which services/products are provided.

Authorized Signature of Vendor

Date

CERTIFICATION REGARDING LOBBYING

Certification for contracts, grants, loans and cooperative agreements

The undersigned certifies, to the best of their knowledge and belief, that:

1. No federal appropriated funds have been paid or shall be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of congress, an officer or employee of congress, or an employee of a member of congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan or cooperative agreement.
2. If any funds other than federal appropriated funds have been paid or shall be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of congress, an officer or employee of congress, or an employee of a member of congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit standard Form-III, "disclosure form to report lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants and contract under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, and U. S. Code. Any person who fails to file the required certification shall be subject to civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Authorized Signature of Vendor

Date

DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

As required by executive order 12549, debarment and suspension, and implemented at 34 CFR Part 85, for prospective participants in primary covered transactions, as defined at 34 CFT Part 85, Section 95.105 and 85.110.

1. The bidder (contractor) certifies that it and its principals:
 - A. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
 - B. Have not within a three year period preceding this invitation to bid been convicted of or had civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining or attempting to obtain, or performing a public (federal, state or local) transaction or contract under a public transaction: violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - C. Are not presently indicated for or otherwise criminally or civilly charged by a government entity (federal, state or local) with commission of paying federal funds or shall pay federal funds by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of any agency, a member of congress, an officer or employee of congress or an employee of a member of congress in connection with the making of any federal grant, the entering into any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any federal grant or cooperative agreement.
 - D. Have not within a three year period preceding this invitation to bid had one or more public transaction (federal, state or local) terminated for cause or default; and
2. Where the bidder is unable to certify to any of the statement in this certification, he or she shall attach an explanation to this bid package.

As duly authorized representative of the company or individual submitting the bid proposal, I hereby certify that the company or individual does comply with the above certification.

Name of bidder _____

Printed name and title of authorized representative

Signature: _____ Date: _____

DRUG-FREE WORKPLACE CERTIFICATION

Preference must be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.07, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

IDENTICAL TIE BIDS – Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedure for processing tie bids shall be followed if none of the tied vendors have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions what shall be taken against employee for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee shall abide by the terms of the statement and shall notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later that five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

COMPANY NAME _____

VENDOR'S
SIGNATURE _____



Ellis & Associates inc.

Environmental ■ Geotechnical ■ Materials Testing
Integrated Engineering Services

CLAY COUNTY SCHOOL BOARD FEE SCHEDULE

Geotechnical Exploration and Engineering Services

	<u>Unit Rate</u>
<u>I. FIELD EXPLORATION</u>	
A. Mobilization and Demobilization of Drill Crew and ATV Drill Equipment, Local, Lump Sum	\$400.00
B. Standard Penetration Test Borings (ASTM D 1586):	
(0-50')	\$ 10.25/L.F.
(51-75')	\$10.75/L.F.
(76-100')	\$12.50/L.F.
C. Borehole Grouting:	
(0-50')	\$5.75/L.F.
(51-75')	\$6.50/L.F.
(76-100')	\$7.50/L.F.
D. Install Casing:	
(0-50')	\$6.50/L.F.
(51-75')	\$7.25/L.F.
(76-100')	\$8.00/L.F.
E. Extra Split Spoon Samples:	
(0-50')	\$22.50/L.F.
(51-75')	\$26.00/L.F.
(76-100')	\$32.50/L.F.
F. Grouted Piezometers (2" Diameter):	
(0-50')	\$22.00/L.F.
(51-75')	\$25.00/L.F.
(76-100')	\$28.00/L.F.
G. Clear/Develop Wells for Sampling.....	\$100.00/Hour
H. Muck Survey or Wash Borings:	
2-Man Party	\$130.00
3-Man Party	\$175.00
I. Undisturbed (Shelby Tube) Samples:	
(0-50')	\$85.00/L.F.
(51-100')	\$95.00/L.F.
J. Field Bore Hole Permeability:	
(0-50')	\$350.00/L.F.

Unit Rate

K. Double-Ring Infiltrometer Tests	\$375.00/Each
L. Rotary Wash Borings in Rock with SPT at 10' intervals:	
(0-50')	\$14.50/L.F.
(51-75')	\$17.00/L.F.
(76-100')	\$22.00/L.F.
M. Rock Coring, NX Size:	
(0-50')	\$30.00/L.F.
(51-75')	\$34.75/L.F.
(76-100')	\$43.75/L.F.
N. Auger Borings (ASTM D 1452) (0-50')	\$ 8.50/L.F.
O. Hand Auger Borings (ASTM D 1452)	\$ 9.00/L.F.
P. Hand Auger Borings with Handcone Penetrometer	\$ 11.00/L.F.
Q. Boring Layout or Difficult Moving	\$175.00/Hour
R. Utility Coordination	\$ 65.00/Hour
S. Double Ring Infiltrometer Test	\$375.00/Test

II. LABORATORY TESTING

A. Natural Moisture Content (ASTM D 2216)	\$ 8.50/Test
B. Percent Fines Content (ASTM D 1140)	\$ 35.00/Test
C. Grain Size Distribution	\$ 50.00/Test
D. Percent Organic Material Content (ASTM D 2974)	\$ 30.00/Test
E. Atterberg Limits (Liquid Limits and Plastic Limits, ASTM D 4318)	\$ 70.00/Test
F. Soil Corrosivity (pH, Sulfate, Chloride, Resistivity)	\$150.00/Test
G. Consolidation	\$250.00/Test
Consolidation Test of undisturbed sample, including loading to overburden pressure, unloading and loading	
H. Laboratory Permeability:	
On Undisturbed Shelby Tube (Sand)	\$300.00/Each
In Triaxial Machine (Natural Clay)	\$350.00/Each
In Triaxial Machine (Landfill Liner)	\$450.00/Each
Remolding of Samples	\$40.00/Each

III. ENGINEERING SERVICES

A. Staff Engineer	\$ 95.00/Hour
B. Project Engineer	\$115.00/Hour
C. Senior Engineer, P.E.	\$ 150.00/Hour
D. Manager of Engineering, P.E.	\$165.00/Hour
E. Secretary	\$ 55.00/Hour
F. Drafting CADD	\$ 62.50/Hour





November 7, 2007

Mr. Rodney Mank, P.E.
Ellis & Associates, Inc.
7064 Davis Creek Road
Jacksonville, FL 32256

Re: Clay County School Board Continuing Contract

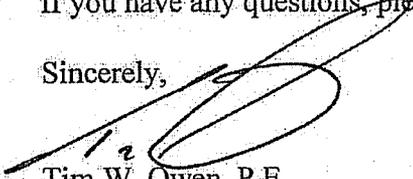
Dear Mr. Mank:

Below are our hourly rates for the Clay County School Board Continuing Contract. These rates are a current projection of what the hourly fees will be effective January 2008.

Principal (Threshold Inspector)	\$ 175.00
Senior Engineer (Threshold Inspector)	\$ 135.00
Lead Engineer/Sr. Designer (Authorized Representative)	\$ 115.00
Engineer/Designer (Authorized Representative)	\$ 95.00
Jr. Engineer/Designer (Authorized Representative)	\$ 85.00
CADD Operator	\$ 75.00
Project Coordinator	\$ 65.00
Clerical	\$ 60.00

If you have any questions, please call.

Sincerely,



Tim W. Owen, P.E.
Associate Vice President, Structural Engineer

TWO/bs

STRUCTURAL · MECHANICAL · ELECTRICAL · PLUMBING · FIRE PROTECTION · TECHNOLOGY

9133 R.G. Skinner Parkway · Jacksonville, Florida 32256
(904) 483-5200 · Fax (904) 636-6770 · mail@mcveighmangum.com

FEE SCHEDULE

Construction Materials Testing Services

Effective October 1, 2007

SOILS TESTING SERVICES

I. <u>Laboratory Services</u>		
A. Moisture/Density Relationship of Soils (Proctor), each		\$ 75.00
B. Limerock Bearing Ratio (LBR), includes Proctor (Min 4 points)		
1. Natural Material, each		215.00
2. LBR with Percent Fines Content, each		235.00
3. Design, each		500.00
C. California Bearing Ratio (CBR), includes Proctor test		
1. Natural Material @ 95% (100%, 98% and 95%), each		600.00
2. Natural Material @ 100%, each		200.00
3. Design @ 95%, each		1,000.00
4. Design @ 100%, each		1,000.00
D. Soil-Cement Design, each		650.00
E. Florida Bearing Value (FBV)		
1. Minimum of 3 tests, each		25.00
2. Design, each		125.00
F. Gradation with Percent Fines Content, each		50.00
1. Percent Fines Content only, each		35.00
2. Gradation Limerock or Ballast Rock, each		70.00
G. Atterberg Limits, each		100.00
H. Moisture Content, each		10.00
I. Percent Fines Content with Natural Moisture test on same sample, each		40.00
J. Organic Content, each		30.00
K. pH Analysis of Soil, each		30.00
L. Soil Classification (ASTM D-2487), each		25.00
M. Specific Gravity, each		45.00
N. Overtime Multiplier		1.50
II. <u>Field Services</u>		
A. In-Place Density Testing (Min 3 tests/trip)		
1. In-Place Density testing (with Speedy Moisture Meter), each		20.00
2. Nuclear (Subgrade, Fill or Base Material), each		16.00
3. Tube Density, each		20.00
4. Sand Cone (Subgrade, Fill, or Base Material), each		25.00
B. One Point Field Proctor, each		50.00
C. Limerock/Base Thickness Tests		
1. Coring (Min 5 Tests/Trip), each		10.00
2. Thickness performed with Density Test, each		6.00
D. Technician Time to pick up Sample (Local Area), per trip		35.00
E. Technician Time, Standby, or Inspection (see rates below)		
F. Overtime Multiplier		1.50

CONCRETE TESTING SERVICES

I. <u>Laboratory Services</u>	
A. Concrete Mix Designs	
1. Regular Weight or Lightweight Concrete, each	\$ 450.00
2. FDOT Mix Designs	
a. Hot Weather Concrete, each	450.00
b. Normal Weather or Section 347 Concrete, each	450.00
3. Grout Mix Designs, each	300.00
4. Designs from Previous Information, each	150.00
B. Concrete Aggregates (Crushed Stone or Gravel)	
1. Gradation, each	50.00
2. Percent Fines Content, each	35.00
3. Specific Gravity, each	55.00
4. Los Angeles Abrasion, each	350.00
5. Sulphate Soundness Test, each	550.00
6. Absorption, each	30.00
7. Absorption with Unit Weight, each	35.00
C. Concrete Testing	
1. Compressive Strength of Cylinders, Cubes and Prisms made Others (Min 3), each	10.00
2. Compressive Strength of Cylinders, Cubes, Prisms, each	8.00
3. Compressive Strength of Concrete Block, each	30.00
4. Flexural Strength of Beams made by Others (Min 3), each	25.00
5. Flexural Strength Test of Beams, each	20.00
6. Absorption of Concrete Block, each	25.00
7. Linear Shrinkage of Concrete Block (Min 3 Blocks), each	150.00
8. Masonry Prism - 2 Blocks High, each	100.00
9. Core Preparation and Testing, each	35.00
D. Chloride Content Testing (FM 5-516), each	90.00
E. Overtime Multiplier	1.50
II. <u>Field Services</u>	
A. Cylinders, Cubes and Prisms made by E&A (Min 3), each	16.00
B. Concrete Beams made by E&A (Min 3), each	20.00
C. Additional Slump, each	10.00
D. Unit Weight, each	20.00
E. Air Test (Volumetric or Pressure), each	20.00
F. Windsor Probe (ASTM C 803)	
1. Equipment, per day	200.00
2. Technician, per hour	50.00
G. Schmidt Hammer (ASTM C 805)	
1. Equipment, per day	100.00
2. Technician, per hour	50.00
H. Floor Flatness/Levelness Testing (ASTM E 1155)	
1. Equipment, per day	150.00
2. Engineer/Sr. Technician, per hour (see rates below)	
I. Concrete Shrinkage Beams (Min 3), each	100.00



J. Concrete Coring (ASTM C 42)	
1. Mobilization	\$ 150.00
2. Concrete Cores, each	35.00
3. Concrete Coring, Technician Time (see rates below)	
K. Technician Time to pick up Sample (Local Area), per trip	35.00
L. Technician Time, Standby or Inspection (see rates below)	
M. Overtime Multiplier	1.50

ASPHALT TESTING SERVICES

I. <u>Laboratory Services</u>	
A. Asphalt Mix Designs	
1. Marshall Method, each	700.00
2. Hubbard Field, each	325.00
3. Superpave Method, each	3,000.00
B. Extractions Ncat Method, each	125.00
C. Gradation of Aggregate, each	45.00
D. Marshall Stability Tests (3 pills), each	150.00
E. Superpave Tests	
1. Volumetric Tests (Gyratory), 2 Pills, each	100.00
2. Rice Method Tests, each	125.00
3. Superpave Test Services (Volumetrics, Rices, Ncat, Gradation), each	350.00
F. Asphalt Aggregate (See CONCRETE TESTING SERVICES, Laboratory Services)	
G. Quality Assurance, Plant Inspection (see rates below)	
H. Bulk Specific Gravity/Density, each	25.00
I. Overtime Multiplier	1.50
II. <u>Field Services</u>	
A. In-Place Density Testing (Min 4 Tests/Trip), each	16.00
B. Asphalt Cores	
1. Mobilization of Core Rig	150.00
2. Cutting Cores (Min 3), each	20.00
3. Technician Time to Cut Cores (see rates below)	
C. Quality Assurance, Field Inspection (see rates below)	
D. Overtime Multiplier	1.50

STEEL INSPECTION/TESTING

A. Structural Steel, Bolt Torquing and Visual Weld Inspection, Plant and/or Field Inspection Technician Time, per hour	70.00
B. Ultrasonic Inspection/Testing, Plant and/or Field Inspection, Technician Time, per hour (plus expenses)	100.00
C. Radiographic Inspection/Testing, Plant and/or Field Inspection, Technician Time, per hour (price on request)	
D. Magnetic Particle, Dye Penetrant or Paint Thickness Testing or Inspection	
1. Technician Time, per hour	85.00
2. Materials (as required)	
E. Location of Steel Reinforcement with Pachometer (R-meter), (Min 3 Hr) per hour	70.00



Ellis & Associates inc.

Environmental ■ Geotechnical ■ Materials Testing
Integrated Engineering Services

F. Fire Resistive Coating Inspection (ASTM E 605)	
1. Thickness Testing and Sampling Time, per hour	\$ 65.00
2. Unit Weight Testing, each	25.00
3. Adhesion/Cohesion Testing, each	40.00
G. Welder Certification, each	150.00
1. Technician Time, per hour	70.00
2. Guided Bend Tests, each	65.00
H. Overtime Multiplier	1.50

ENGINEERING & INSPECTION SERVICES

For project planning, coordination and direction, site visits, inspection, sample review, analysis/evaluation of test data, report review and/or preparation, and client consultation

A. Engineering Technician, per hour	45.00
B. Senior Engineering Technician, per hour	58.00
C. Chief Engineering Technician, per hour	70.00
D. Asphalt Paving Level I Technician, per hour	50.00
E. Asphalt Paving Level II Technician, per hour	65.00
F. Asphalt Plant Level I Technician, per hour	60.00
G. Asphalt Plant Level II Technician, per hour	75.00
H. Masonry, Pile, Pre-stressed or Pre-cast Inspector, per hour	65.00
I. Certified Welding Inspector (CWI), per hour	70.00
J. Threshold Inspection Delegate, per hour	85.00
K. Staff Engineer, per hour	87.50
L. Project Engineer, per hour	105.00
M. Senior Engineer, P.E., per hour	125.00
N. Principal Engineer, P.E., per hour	150.00
O. Draftsperson (CAD), per hour	50.00
P. Administrative, per hour	45.00
Q. Overtime Multiplier	1.50

NOTES

All hourly rates are portal-to-portal with a minimum of two (2) hours time. Overtime applies to all services performed before 7:00 A.M. and after 5:00 P.M. Monday through Friday, weekends and recognized Holidays. Any services provided between the hours of 6:00 P.M. and 6:00 A.M. will be charged a minimum of four (4) hours time. Unit rates listed are for local projects only, mobilization and/or per diem charges will be assessed for out-of-town projects. A minimum charge of \$50.00 will be assessed for all scheduled projects, which are cancelled while enroute or after our arrival at the project site. A minimum charge of \$50.00 will be assessed for all testing/inspection reports. A report preparation and engineering review fee of 10% of each monthly invoice will be added to each invoice.



Environmental ■ Geotechnical ■ Materials Testing
Integrated Engineering Services

UNIT FEE SCHEDULE

Environmental Services

<u>PROFESSIONAL SERVICES</u>	<u>Unit Rate</u>
Support/Document Preparation	\$ 30.00/Hour
Administrator	\$ 40.00/Hour
CADD Services	\$ 50.00/Hour
Technician I	\$ 45.00/Hour
Technician II	\$ 50.00/Hour
Technician III	\$ 55.00/Hour
Technician IV	\$ 60.00/Hour
Staff Scientist I	\$ 50.00/Hour
Staff Scientist II	\$ 55.00/Hour
Staff Scientist III	\$ 60.00/Hour
Staff Engineer/Geologist I	\$ 60.00/Hour
Staff Engineer/Geologist II	\$ 65.00/Hour
Staff Engineer/Geologist III	\$ 70.00/Hour
Project Scientist I	\$ 65.00/Hour
Project Scientist II	\$ 70.00/Hour
Project Scientist III	\$ 75.00/Hour
Project Engineer/Geologist I	\$ 75.00/Hour
Project Engineer/Geologist II	\$ 80.00/Hour
Project Engineer/Geologist III	\$ 85.00/Hour
Senior Scientist I	\$ 80.00/Hour
Senior Scientist II	\$ 85.00/Hour
Senior Scientist III	\$ 90.00/Hour
Senior Scientist IV	\$ 100.00/Hour
Senior Scientist V	\$ 110.00/Hour
Professional Engineer/Geologist I	\$ 90.00/Hour
Professional Engineer/Geologist II	\$ 95.00/Hour
Professional Engineer/Geologist III	\$ 105.00/Hour
Professional Engineer/Geologist IV	\$ 115.00/Hour
Professional Engineer/Geologist V	\$ 125.00/Hour
Principal	\$ 150.00/Hour

UNIT FEE SCHEDULE

Environmental Services

EQUIPMENT FEE SCHEDULE

Unit Rate

Disposable Teflon Bailer	\$20.00/Each
Equipment Decon	\$10.00/Each
Piezometer (10 feet) (by hand auger)	\$44.00/Each
Piezometer (15 feet) (by hand auger)	\$57.00/Each
Monitor Well (10 feet) (by hand auger)	\$58.00/Each
Monitor Well (15 feet) (by hand auger)	\$71.00/Each
Safety Equipment, Level C	\$30.00/Day
Safety Equipment, Level D	\$20.00/Day
One Pint Mason Jars	\$7.50/Dozen
Silicone Tubing	\$3.40/Foot
Teflon Tubing	\$3.50/Foot
Polyethylene Tubing	\$1.00/Foot
Locking Cap	\$12.00/Each
Brass Lock	\$5.00/Each
Bag Sand or Sand per Well	\$5.00/Each
Bentonite per Well	\$5.00/Each
Distilled Water	\$1.25/Gallon
Drums	\$50.00/Each
OVA-FID	\$100.00/Day
Survey Equipment	\$50.00/Day
Hand Auger	\$15.00/Day
Water Level Probe	\$15.00/Day
Peristaltic Pump	\$35.00/Day
pH Meter	\$25.00/Day
Datalogger and Transducer	\$200.00/Day
Truck	\$0.50/Mile
Full Face Respirator	\$20.00/Day
Half Face Respirator	\$6.50/Day
Respirator Cartridges	\$15.50/Pair
Field Supplies	\$25.00/Day
EnCoreJ Samplers	\$10.00/each
Conductivity/Temp/pH Meter	\$25.00/Day
DO meter	\$40.00/Day
ORP Meter	\$20.00/Day