

June 1, 2012
ERI Ref No: MTS-12-813.001

Mr. Doug Staske, P.E.
Vermilion County Highway Department
2732 Batesown Rd.
Oakwood, IL 61858

FILED
MAY 06 2012

Cathy Jenkins
COUNTY CLERK
VERMILION CO. IL



Engineering & Research Int'l, Inc.
1401 Rejency Drive East
Savoy, Illinois 61874 USA
217-356-5945 (Phone)
217-356-6347 (Fax)
eri@erikoni.com
www.erikoni.com

Subject: Proposal for Coring on Henning Road for Vermilion County Highway Department - Danville, IL.- ERI Proposal Number: MTS-12-813

Dear Mr. Staske,

As per your request we have developed a cost proposal for Coring on Henning Road in Danville, IL. ERI's project scope of work includes the following:

- Concrete Coring (6" diameter)

We estimate that the minimum costs for our services for Coring on Henning Road project will be \$ 2,064.00. Please see Table 1 for a breakdown of the estimated costs. The cost for our services will not exceed the estimated cost without prior authorization from the client. The cost for any additional tests not listed in the attached Table 1, but requested by the client, will be billed as per the attached ERI Fee Schedule.

If this proposal is acceptable to you, please complete and sign both copies of the proposal and return one copy to our office. We thank you for this opportunity to work with you. If you have any questions, please call our office at (217) 356 - 5945.

Sincerely,
Engineering & Research International, Inc.

Abbas A. Butt, Ph.D., P.E.
President

Accepted by,
Vermilion County Highway Department

Name
Title

6-1-2012
Date

Enclosure: Table 1
Fee Schedule
Terms and Conditions

APPROVED

DATE: 050412

REGIONAL ENGINEER



Table 4: Cost Proposal for Coring on Meeting Room, Oswego, N.Y.

Item Number	Task Description	Project Engineer		Technician		Equipment		Lab Tests		Total Cost
		Hours	Rate	Hours	Rate	Units	Rate	Units	Rate	
1	Supply of Concrete (100)									
2	Coring - 6" diameter (2 Test/5000 ft 20 hours each)			20	\$ 30.00					\$ 600.00
3	Core Box Charge (2 apps @ 210.00 per app)					2	\$ 165.00			\$ 330.00
4	Core Barrel Charge (1 set incl core @ \$1.50 each)					180	\$ 1.50			\$ 270.00
5	Core Bit Application (2 sets @ \$1.00 per set) (Material Charge For 10) @ \$ 2.00/ft)					144	\$ 1.00			\$ 144.00
6	1000	0	0	0	0					0
										\$ 2,064.00

Note: For each additional inch, ERI will add \$1.50 per inch to the Core Barrel Charge.

m.61

Materials Testing and Inspection Fees

Standard Fee Schedule

(January 1, 2012 to December 31, 2012)

Field Testing Services

Typical services include inspection and testing of soils (compaction, dry unit weight, moisture content), concrete (strength, air content, and weight, temperature, cylinder and beams), asphalt (moisture density), and pavement cores	
Engineering Technician	\$ 85.00 Per Hour
Senior Engineering Technician (where required)	\$ 40.00 Per Hour

Field Testing Equipment (in addition to field testing services)

Nuclear Density Gauge	\$ 50.00 Per Day
Dynamic Cone Penetrometer	\$ 30.00 Per Day
Core Equipment (Not Including Vehicle Cranes)	\$ 105.00 Per Day
Core Bit Chains	\$ 1.50 Per Inch Core

Sample Pickup Only (1 Hour Minimum)

Recovery of PCC Cylinders, Steel Cyls, Soils, etc.	\$ 30.00 Per Hour
--	-------------------

Laboratory Testing Services

Concrete

Concrete Cylindrical/Grout Prism Compression Test	\$ 10.00 Per Specimen
Additional Charge for Soaking Unrestrained Cylinders	\$ 10.00 Per Specimen
Additional Charge for Sealed Capping Cylinders or Cylinders	\$ 10.00 Per Specimen
Gravel to Sand Fraction Test	\$ 25.00 Per Specimen
Splitting Tensile Strength of Cylindrical Concrete Specimens	\$ 100.00 Per Specimen

Asphalt

Moisture Grade Compression Test (MGC)	\$ 10.00 Per Specimen
Molar Aggregate Ratio	\$ 0.00 Per Test

Masonry

Compression Strength and Absorption	\$ Call Per Set of 3
-------------------------------------	----------------------

Soils

Atterberg Limits (Dry Preparation Method)	\$ 100.00 Per Test
Moisture Density Relationship (Standard ASTM D-2930)	\$ 185.00 Per Test
Moisture Density Relationship (Modified ASTM D1557)	\$ 175.00 Per Test
Organic Content	\$ 50.00 Per Test
Water Content	\$ 12.00 Per Test
Apparent Fiber Tensile (Min. 250 (Wash Test))	\$ 60.00 Per Test
Dry Sieve Analysis	\$ 75.00 Per Test
Wash Sieve Analysis (Wash Test and Dry Sieve Analysis)	\$ 100.00 Per Test
Particle Size Analysis (Wash, Sieve and Hydrometer)	\$ 230.00 Per Test
Cationic Swelling Ratio (CSR)	\$ 250.00 Per Point
Unconfined Compressive Strength	\$ 80.00 Per Test
Preparation of Unconfined Compressive Strength Samples	\$ 50.00 Per Sample
Visual Characterization	\$ 5.00 Per Classification

Remarks

- Discount pricing will be considered for all large projects.
- Personnel time will be billed as per the actual time spent (unless the minimum charge prevails)
- The Engineering Technician rate will be billed for Field Testing Services unless special services are needed (special services may include the following: Concrete or Asphalt plant monitoring, requests for specific personnel, site recommendations, etc.) The Senior Engineering Technician rate will be billed for special services unless an Engineer is needed.
- Cores will be a 2 man crew, traffic control personnel will be an additional charge if they are necessary and not supplied by the client
- A 3 hour minimum charge will apply for all field services. (For trip to jobsite)
- A 5 hour minimum charge will apply for all testing services on a same day call out with no advance scheduling (for trip to jobsite)
- An overtime rate of 1.5 times the standard rate will apply:
 - For field services required before 7:00 a.m. and after 5:00 p.m. (Monday - Friday)
 - For field services required for more than 6 hours on a given day
 - For field services required on Saturday, Sunday or Holidays (a 4 hour minimum will also apply - 2 hour minimum for sample pickup only)
 - For lab testing required before 7:00 a.m. and after 5:00 p.m. (Monday - Friday)
 - For lab testing required on Saturday, Sunday or Holidays
- For PCC cylinder breaks required before or after normal office hours (8:00 a.m. to 5:00 p.m. Monday - Friday), Engineering Technician time will be billed at the overtime rate in addition to the fee for each cylinder break, with a minimum charge of 1 hour (Monday - Friday) and 2 hours (Saturday, Sunday or Holidays). All cylinders will be billed (including "Holds" that are not tested).
- Vehicle charges will be applied as follows for travel to jobsites located within the Champaign, Urbana and Savoy city limits:
 - \$15 per trip for services lasting no more than 4 hours and \$30 per trip for services lasting more than 4 hours
- Vehicle charges will be applied as follows for travel to jobsites located outside the Champaign, Urbana and Savoy city limits:
 - \$15 per trip for services lasting no more than 4 hours or \$0.55 per mile (whichever is greater)
 - \$30 per trip for services lasting more than 4 hours or \$0.55 per mile (whichever is greater)
- Services and fees not listed will be quoted upon request
- Report preparation time is not included in the field or lab testing rates and will be an additional charge. Reports will be prepared by a Project Engineer.
- Reporting on IDOT forms often takes additional time to gather the necessary data, therefore additional time will be billed as necessary for this service

Aggregates

Dry Sieve Analysis	\$ 75.00 Per Test
Wash Sieve Analysis (Wash Test and Dry Sieve Analysis)	\$ 100.00 Per Test
Unit Weight	\$ 12.00 Per Test
Specific Gravity and Absorption (Coarse Agg.)	\$ 74.00 Per Test
Specific Gravity and Absorption (Finer Agg.)	\$ 69.00 Per Test

Asphalt

Specific Gravity/ Density of Soils	\$ 30.00 Per Core
------------------------------------	-------------------

Other Services

Empty Concrete Cylinder Molds	\$ 2.00 Per Mold
Soil Improvement Design (per mile square)	Quoted by Job

Engineering Services

Project Engineer	\$ 55.00 Per Hour
Principal Engineer	\$ 135.00 Per Hour

Special Laboratory Services

ACI Concrete Collaboration Special Inspector	\$ 80.00 Per Hour
Structural Masonry Special Inspector	\$ 80.00 Per Hour

