

BOROUGH OF NAUGATUCK

MATERIALS TESTING SERVICES REQUEST FOR PROPOSALS

***Additions and Renovations to the
Naugatuck High School and Board of Education
543 Rubber Avenue
Naugatuck, CT 06770***

SCOPE OF WORK: The Borough of Naugatuck is seeking the services of an independent materials testing firm to provide materials testing and inspection services for the above listed location.

Please provide the following information, on a per unit basis, to assist with our evaluation.
Testing firms are requested to submit with their proposal a current rate schedule listing rates not covered by this specification.

Sealed bids for Materials Testing Services for the **Additions and Renovations to the Naugatuck High School and Board of Education, Naugatuck, CT** addressed to Wendy Hozer, Purchasing Agent will be received at the Naugatuck Town Hall, Basement no later than **11:00 a.m.** local time on Monday, February 11, 2013 at which time they will be publicly opened and read aloud. It is the vendor's responsibility to insure that their bid is received and stamped by the Purchasing Agent. Bids received late will not be opened.

Bids are due on

A. Micropile Installation

Pile Load Testing:

The NICET_ST Certified Engineer shall be present for all pile load testing to monitor and record the information indicated in the Specification.

Inspection of the Micro Piles installation.

- (1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____

- (2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____

- (3) Overtime – Over eight (8) hours and Saturday *per hour* \$ _____
- (4) Sunday *per hour* \$ _____

B. Soils

- 1. Preliminary Tests
 - a. Washed Sieve Analysis *each* \$ _____
 - b. Modified Proctor Test and Curve *each* \$ _____
 - c. Combined Sieve and Proctor Same Sample *each* \$ _____
- 2. Field Inspection – Soils
 - a. Necessary Field Density Test
 - b. Witness Placement of Fill Material
 - (1) Maximum of eight (8) hours (regular time) (between 7:00 a.m. – 3:30 p.m.) \$ _____
 - (2) Half day – Four (4) hours or less any time of day between 7:00 a.m. – 3:30 p.m. \$ _____
 - (3) Overtime – Over eight (8) hours and Saturdays *per hour* \$ _____
 - (4) Sundays *per hour* \$ _____
- 3. Sampling Materials – Portal to Portal *per hour* \$ _____

C. Concrete

- 1. Concrete Field Inspection (ACI Certified)
 - a. Slump Test \$ _____
 - b. Air Content Determinations \$ _____
 - c. Temperatures Recorded \$ _____
 - d. Fabrication of 4 (6” x 12”) Cylinders \$ _____
 - e. Continuous Inspection of Concrete Placement \$ _____
 - (1) Maximum of eight (8) hours (regular time) (between 7:00 a.m. – 3:30 p.m.) \$ _____
 - (2) Half day – Four (4) hours or less

any time of day between

7:00 a.m. – 3:30 p.m. \$ _____

(3) Overtime – Over eight (8) hours and

Saturdays *per hour* \$ _____

(4) Sundays *per hour* \$ _____

f. Slab Placement Flatness & Levelness Tests *each* \$ _____

D. Concrete Cylinder Testing

1. Pick up \$ _____

2. Test (6" x 12") for compression \$ _____

3. Reports – up to 4 copies \$ _____

4. Provide (6" x 12") Molds *each* \$ _____

E. Structural Steel Inspection (Shop/Field)

1. Visual welding, high strength bolts, fabrication, installation including Steel Joists
(AWS Certified Welding Inspector)

(1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____

(2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____

(3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____

(4) Sundays *per hour* \$ _____

2. Full Penetration Weld Inspection

(1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____

(2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____

(3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____

- (4) Sundays *per hour* \$ _____
3. Magnetic Particle Testing
- (1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____
- (2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____
- (3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____
- (4) Sundays *per hour* \$ _____
4. Ultrasonic Testing
- (1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____
- (2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____
- (3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____
- (4) Sundays *per hour* \$ _____
5. Inspection of Metal Floor Deck attachment
- (1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____
- (2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____
- (3) Overtime – Over eight (8) hours and
Saturday *per hour* \$ _____
- (4) Sunday *per hour* \$ _____
6. Inspection of Metal Roof Deck attachment
- (1) Maximum of eight (8) hours (regular time)

(between 7:00 a.m. – 3:30 p.m.) \$ _____

(2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____

(3) Overtime – Over eight (8) hours and
Saturday *per hour* \$ _____

(4) Sunday *per hour* \$ _____

F. Masonry

1. Sampling mortar and grout.

(1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____

(2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____

(3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____

(4) Sundays *per hour* \$ _____

2. Preconstruction mortar evaluation *per hour* \$ _____

3. Compression test 2” x 2” cubes – mortar *each* \$ _____

4. Compression test 3 ½” x 3 ½” x 7” – grout *each* \$ _____

5. Masonry units and/or prisms. *each* \$ _____

G. Fireproofing

1. Installation inspection, thickness, sampling

(1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____

(2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____

(3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____

(4) Sundays *per hour* \$ _____

- 2. Density determination *each* \$ _____
- 3. Adhesion/cohesion test *each* \$ _____

H. Architectural Systems

- 1. Review installation of Suspended Ceilings as indicated in the IBC Statement of Special Inspections. *each* \$ _____

I. Asphalt

- 1. Inspection of in place asphalt for compaction and/or thickness.
 - (1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____
 - (2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____
 - (3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____
 - (4) Sundays *per hour* \$ _____

J. Combination Inspection

- 1. Provide combination of inspections for concrete, soils, asphalt and / or masonry testing.
 - (1) Maximum of eight (8) hours (regular time)
(between 7:00 a.m. – 3:30 p.m.) \$ _____
 - (2) Half day – Four (4) hours or less
any time of day between
7:00 a.m. – 3:30 p.m. \$ _____
 - (3) Overtime – Over eight (8) hours and
Saturdays *per hour* \$ _____
 - (4) Sundays *per hour* \$ _____

**Travel time and mileage charges are to be included in each rate provided.
Testing Lab must be NVLAP certified.**

PRICES MUST BE GOOD FOR 90 DAYS AFTER THE BID OPENING
MATERIALS TESTING SERVICES REQUEST FOR PROPOSALS

Additions and Renovations to the
Naugatuck High School and Board of Education
543 Rubber Avenue
Naugatuck, CT 06770

Company Name

Name (PLEASE PRINT)

Mailing/Street Address

Authorized Signature

City/State Zip Code

Telephone No. Date

Fax No.

Email

Bids are due on Monday, February 11, 2013 @ 11:00 a.m.