

REQUEST FOR PROPOSALS

FOR

SOIL INVESTIGATION

Greenwich Public Schools

Greenwich High School – Cardinal Stadium
10 Hillside Road
Greenwich, CT 06830

Board of Education Bid No. 2274-19

August 5, 2019



ARCHITECT:

KAEYER, GARMENT + DAVIDSON ARCHITECTS PC
285 Main Street
Mount Kisco, NY 10549

STRUCTURAL ENGINEER:

THE DI SALVO ENGINEERING GROUP INC
Lee Farm Corporate Park
83 Wooster Heights Road, STE 200
Danbury, CT 06810

CIVIL ENGINEER:

FUSS & O'NEILL, INC.
56 Quarry Road
Trumbull, CT 06611

Kaeyer, Garment + Davidson Architects, PC

285 Main Street, Mount Kisco, New York 10549
914.666.5900 kgdarchitects.com

INVITATION

You are hereby invited to submit a proposal for completing test borings for the above referenced project in accordance with the attached specifications and boring location plan. Proposals are to be submitted as soon as possible but no later than

August 21, 2019 11AM.

Submit proposals to the Owner as listed below:

OWNER:

Greenwich Public Schools – Central Office
290 Greenwich Ave
Greenwich, CT 06830

Phone: 203-625-7400
Attn: Mr. Daniel Watson – Director of School Facilities
E-mail: daniel_watson@greenwich.k12.ct.us

ADDRESS OF SITE:

Greenwich High School – Cardinal Stadium
10 Hillside Road
Greenwich, CT 06830

SCHEDULE FOR PROPOSAL INFORMATION

August 14 @ 12pm Closing date for questions via email RFI
August 16 @ 12pm Response to questions via Addendum
August 21 @ 11am Bid Opening

Firm submitting Proposal:

Firm Name: _____

Street Address: _____

City, State & Zip Code: _____

Phone & Fax: _____

E-MAIL _____

Please indicate projected schedule for completing the work.

Earliest projected start date (days after award): _____

Projected date for completion of borings & test pits: _____

Projected date for completion of geotechnical report: _____

PROPOSAL FORM

By submitting this proposal, the listed firm acknowledges that it has read the specifications, reviewed the boring location plan(s) and is prepared to provide all of the services specified for the prices listed below. In addition, upon notification in writing from the Owner, the listed firm will commence work within ten working days and complete the work as soon as possible.

Base Bid Items	Amount
All borings and associated reporting at the Proposed areas of work (25 feet deep).	\$
Total	\$

Unit Prices	Amount
Unit Price for one (1) structural borings (per boring @ 25 feet)	\$
Unit Price for one (1) structural borings (per boring @ 5 feet)	\$
Unit price for coring of rock (per boring @ 5'-0")	\$
Unit price for one (1) test pit (each)	\$

Note: Borings taken adjacent to or on any paved or gravel road or walkway will have to be carefully coordinated with pedestrian & vehicular traffic.

Some borings & test pits may be near landscape plantings or trees that will have to be protected and left in place.

Bid Submitted by (Title & Signature):

Date of Proposal:

Contractor shall complete attached Non-Collusion Affidavit and include with Proposal Form

****End of Proposal Form****

SPECIFICATIONS FOR SOIL INVESTIGATION

I. SCOPE OF WORK

- A. Base bid Geotechnical Engineering services shall include: borings in locations & depths indicated; test pits in locations indicated; analysis of information obtained as detailed below; preparation of a geotechnical report; and related items as detailed below.
- B. It is the intent of this contract to secure information relative to subsoil, ledge rock and foundation conditions at the locations indicated on the accompanying drawing(s) for borings & test pits. This Contractor shall furnish all labor, materials, tools, equipment and insurance necessary to accomplish the required results.
- C. This Contractor shall employ a licensed surveyor who shall stake out the boring locations and establish grade at each boring location relative to the datum indicated on the drawing.
- D. The work will proceed under the supervision of the Architect and/or Structural Engineer at whose discretion additional borings shall be made, certain borings eliminated, depth of borings revised, or location of borings changed. The Contractor shall cooperate with the Architect and Structural Engineer. The Contractor shall immediately notify the Architect of the general result of the borings upon their completion in the field.
- E. Bidders are requested to visit the site, and familiarize themselves with all local conditions, including local ordinances, requirements as to working conditions, permits, etc. Contractor may contact Daniel Watson via Email at daniel_watson@greenwich.k12.ct.us or phone 203-625-7400 for arrangements to visit the site.
- F. The Owner shall have the right, prior to the signing of the Contract, to require the Contractor to furnish a bond covering the faithful performance of all work included in this Contract and the payment of all obligations arising hereunder. This bond shall be in such form as the Owner may prescribe and with such sureties as the Owner may direct. If such a bond is required, the premium will be paid as an addition to the amount of the Contract.

II. GENERAL CONDITIONS

- A. The Contractor shall comply with all rules and regulations and ordinances of all municipal, state, or other authorities having jurisdiction, shall obtain all licenses required, and all fees in connection therewith.
- B. The Contractor shall furnish all utilities for his own use including a supply of water necessary for the execution of this work.

- C. All sales, personal property, use, excise, or other taxes levied or assessed by law in connection with the sale of materials and equipment are to be included in the prices quoted.
- D. All contributions, taxes, and premiums levied under the Unemployment Insurance Laws of the State, and under the Federal Social Security Act are also to be included in the prices quoted.
- E. The Contractor shall take proper precautions to prevent accidents or damage to persons and property on or adjacent to the premises where the work is to be performed. Safety at the site of the work is the sole responsibility of the Contractor.
- F. Prior to digging and boring operations Contractor shall stake out existing underground utility services and contact agencies and surveyors as necessary to insure existing services are not damaged during the course of work.

III. WORKMANSHIP AND METHODS

- A. Unless specifically authorized to do otherwise by the Architect or Structural Engineer, all borings shall be carried to the depths indicated on the accompanying Boring Location Plan for core depth. If no depth is shown, core depth will be 25 feet.
- B. At all locations identified on the boring location plan, all cuttings and materials that are removed shall be placed back into cored hole.
- C. The Contractor shall issue a geotechnical and boring report signed & sealed by a licensed Connecticut State Professional Engineer which shall contain all pertinent information secured, including, but not limited to:
 - 1. The vertical section describing the soil and rock formations encountered for each sample, as determined by visual classification of the soil samples and rock cores;
 - 2. The elevation of depth below ground surface at which the samples were taken;
 - 3. The standard penetration results for each sample;
 - 4. The depth at which core drilling was started;
 - 5. The depth to which core drilling was carried;
 - 6. The core recovery;
 - 7. Number of blows on the casing;

8. A location plan, prepared in sufficient detail to enable re-establishment of the locations and ground surface elevations at which the borings were made;
9. Classification of the soils which shall be made by a trained and experienced Soil Scientist or Geologist by careful examination of the boring samples and shall be certified by a licensed Connecticut State Professional Engineer;
10. Recommendations by the Geotechnical Engineer to be used for building design, based on the solids recovered, as to the allowable soil bearing capacity, the type of foundation system and the capacity of piles (if needed). Also include design values for seismic site classification, drainage & water control issues, use of on-site backfill materials.

Four (4) copies of the complete report, including records and logs tabulated on drawings, shall be delivered to the Architect. One (1) additional copy shall be delivered to the Owner. One full digital copy in PDF format shall be delivered to the Architect and Owner.

D. Standard Test Boring Methods

1. Borings shall be made by advancing a pipe casing having a nominal inside diameter not less than 2½" into the soil.
2. Borings shall be advanced by the use of a chopping bit attached to the end of a string of drill pipe.
3. Whenever a change in soil formation is observed, chopping and washing shall cease.
4. After chopping, washing and circulation of water have come to a complete halt, a Standard Penetration Test, as described below, shall be made to secure sample of the material below the bottom of the boring.
5. When no change occurs in soil formation, a Standard Penetration Test, as described below, shall be taken to secure a sample, after the boring has been advanced to a distance of 5 feet.

E. Standard Penetration Test

1. The spoon shall be a standard 2" O.D. split sample spoon, having an inside diameter not less than 1 3/8" and shall be 24" long.
2. The sample spoon shall be lowered to the bottom of the hole and driven with a 140# weight having a free fall of 30". The number of blows required to drive the sample spoon every 6" for a total penetration of 18" shall be recorded. In very dense materials where it is not practicable to drive the

sample spoon the full 18", the penetration record shall show the number of blows required to drive the spoon through the distance penetrated.

F. Core Borings in Rock

1. Core boring shall be done by diamond drilling, in general, with a diamond bit which will recover not less than 1 3/8" diameter core. A twin tube core barrel sampler shall be used. Diamond drilling shall be carried to a depth of not less than 5 feet into bedrock. The drilling machine shall be of the rotary type, either screw or hydraulic feed.
2. Cores obtained from diamond drilling shall be measured carefully and a record shall be kept of the ratio of lineal feet of core recovered to the distance drilled. This ratio is known as the "percentage of core recovery". When the recovery percentage falls below 35%, an additional five feet of core drilling shall be made.
3. Any loss of water during the coring operation shall be recorded and reported.

IV. **WATER CONNECTIONS**

- A. The Contractor shall provide temporary water connection(s) and pipe for use in executing this work. At completion, all piping and equipment shall be removed and the premises restored to its previous condition.

V. **CLEANING UP AND REPAIRS OF SURFACE**

- A. The Contractor shall remove all surplus materials, debris, tools and apparatus at the completion of the work. He shall also repair all surfaces damaged or disturbed by the operations, with materials similar to those damaged or disturbed. Payment for this work shall be deemed to be included in the base bid.
- B. As described in Section III Part B, Workmanship and Methods, at all locations identified on the boring location plan, all cuttings and materials that are removed shall be placed back into cored hole.

VI. **LOST BORINGS**

- A. Payment will not be made for any lost or abandoned borings, unless in the opinion of the Structural Engineer such payment is justified by the information obtained from the boring.

VII. PROSECUTION OF THE WORK

- A. The work shall proceed continuously on all working days and shall be completed as soon as possible after award of contract.
- B. Geotechnical Report must be submitted within two (2) weeks of the completion of the field work.

VIII. INSURANCE

- A. Notwithstanding any terms, conditions or provisions, in any other writing between the parties, the firm/permittee hereby agrees to effectuate the naming of the Greenwich Public School District, the Greenwich Public School District Board of Education, and the Town of Greenwich, as unrestricted additional insured on the contractor's/permittee's insurance policies, with the exception of workers' compensation.
- B. The policy naming the district and town as an additional insured shall:
 - be an insurance policy from an A.M. Best rated "A" or better, Connecticut State admitted insurer;
 - provide for 90 days notice of cancellation;
 - state that the organization's coverage shall be primary coverage for the district, its Board, the Town, and associated employees and volunteers.
- C. The contractor/permittee agrees to indemnify the district for any applicable deductibles.
- D. The Contractor shall indemnify and save harmless the Town and its officers, agents, servants and employees, from and against any and all claims, demands, suits, proceedings, liabilities, judgments, awards, losses, damages, costs and expenses, including attorneys' fees, on account of bodily injury, sickness, disease, death or other damages sustained by any person or persons injury or damage to or destruction of any property, directly or indirectly arising out of, relating to, or in connection with the work called for in the Contract, due to negligence, fault, or contractual default of the Contractor, its officers, agents, servants or employees, any of its subcontractors. However, the Contractor shall not be required to indemnify the Town, its officers, agents, servants, or employees, against any such damages occasioned by acts or omissions of the Town, its officers, agents, servants or employees, in connection with the work called for in the Contract.
- E. Required Insurance:
 - **Commercial General Liability Insurance:** \$1 million per occurrence; \$2 million per job aggregate endorsement.
 - **Professional Liability Insurance:** \$ 1 million
 - **Excess Liability Insurance:** \$ 5 million
 - **Automobile Liability:** \$1 million combined single limit for owned, hired and borrowed and non-owned motor vehicles.
 - **Workers' Compensation:** Statutory Workers' Compensation and Employers' Liability Insurance for all employees with a waiver subrogation in favor of the District.
- F. Contractor/permittee acknowledges that failure to obtain such insurance on behalf of the District and Town constitutes a material breach of contract and subjects it to liability for damages, indemnification and all other legal remedies

available to the district. The contractor/permittee is to provide the district with a certificate of insurance, evidencing the above requirements have been met, prior to the commencement of work or use of facilities.

IX. BASIS OF PAYMENT

- A. The Contractor's proposal shall include a Base Bid which shall cover all work required to complete the job and including the following, but not limited to:
1. Mobilization and demobilization;
 2. All surveying including stake out and establishment of elevations;
 3. Furnishing and transporting all equipment to and from site;
 4. Installing and removing perforated pipes for ground water readings;
 5. Removal of all pipe casing from ground;
 6. Insurance, licenses, fees, permits, taxes and bonds;
 7. Water connections, piping and water supply; and
 8. Restoration of the site.

* * END OF SPECIFICATIONS * *

NON-COLLUSION AFFIDAVIT

**GREENWICH PUBLIC SCHOOLS
290 GREENWICH AVE
GREENWICH, CONNECTICUT**

State of _____:

County of _____:S.S.

I state that I am the _____ of _____
(TITLE) (NAME OF MY FIRM)

and that I am authorized to make this affidavit on behalf of my firm, and its owners, directors, and officers. I am the person responsible in my firm for the price(s) and the amount of this bid.

I state that:

- (1) The price(s) and amount of this bid have been arrived at independently and without consultation communication or agreement with any other contractor, bidder/proposer or potential bidder/proposer.
- (2) Neither the price(s) nor the amount of this bid/rfp, and neither the approximate price(s) nor approximate amount of this bid/rfp, have been disclosed to any other firm or person who is a bidder/proposer or potential bidder/proposer, and they will not be disclosed before bid/rfp opening.
- (3) No attempt has been made or will be made to induce any firm or person to refrain from bidding/proposing on this contract, or to submit a bid/proposal higher than this bid/rfp, or to submit any intentionally high or noncompetitive bid/rfp or other form of complementary bid/rfp.
- (4) I fully understand that more than one offer from an individual, firm partnership, corporation or association under the same or different name will be rejected. Reasonable grounds for believing that a bidder/proposer is interested in more than one bid/rfp for the work contemplated may cause rejection of all bids/rfps in which the bidder/proposer is interested. Any or all bidders/proposers will be rejected if there is any reason for believing that collusion exists among the bidders/proposers. Participants in such collusion may not be considered in the future offers for the same work. Each bidder/proposer by submitting a bid/proposal certifies that it is not a part to any collusive action.
- (5) The bid/rfp of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive bid/proposal.

- (6) _____ its affiliates, subsidiaries, officers,
(NAME OF MY FIRM)
directors and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding/proposing on any public contract, except as follows:

I state that _____ understands and acknowledges that

(NAME OF MY FIRM)

the above representations are material and important, and will be relied on by Greenwich Public Schools in awarding the bid/proposal for which this is submitted. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from Greenwich Public Schools of the true facts relating to the submission of bids/proposals for this contract.

- (7) I agree to furnish and deliver all services on the date and time agreed on by _____ and the Greenwich Board of Education at _____

(NAME OF MY FIRM)

The time the purchase order is placed. Furthermore, there will not be any cancellations to the Board of Education. If a bidder/proposer submits a bid/proposal on any item he/she will be responsible for delivering that item at the bid/proposal cost, in accordance with the attached above specifications, which were submitted with this bid/proposal and upon which the bid/proposal was made.

- (8) In submitting this bid/proposal, the undersigned declares that this is made without any connection with any persons making another bid/proposal on the same contract; that the bid/proposal is in all respects fair and without collusion, fraud or mental reservation; and that no official of the Town, or any person in the employ of the Town, is directly or indirectly interested in said bid/proposal or in the supplies or work to which it relates, or in any portion of the profits thereof.
- (9) In submitting this bid, the undersigned further declares that it has not, and will not, induce or attempt to induce any Town of Greenwich employee or officer to violate the Greenwich Code of Ethics in connection with its offer to provide goods or services under, or otherwise in the performance of such contract.
- (10) The undersigned further understands that the above declarations are material representations to the Town of Greenwich made as a condition to the acceptance of the bid/proposal. If found to be false, the Town of Greenwich retains the right to reject said bid/proposal and rescind any resultant contract and/or purchase order and notify the undersigned accordingly, thereby declaring as void said bid/proposal and contract or purchase order.
- (11) The Greenwich Code of Ethics can be found at www.greenwichct.org. Code of Ethics stated as follows:
1. **DEFINITION.** (1) Indirect interest, without limiting its generality, shall mean and include the interest of any subcontractor in any prime contract with the Town and the interest of any person or his immediate family in any corporation, firm or partnership which as a direct or indirect interest in any transaction with the Town. (2) Substantial financial interest shall mean any financial interest, direct or indirect, which is more than nominal and which is not common to the interest of other citizens of the Town. (3) Town Officer shall mean and include any official, commission, committee, legislative body or other agency of the Town. (4) Transaction shall mean and include the offer, sale or furnishing of any real or personal property, material, supplies otherwise, for the use and benefit of the Town for a valuable consideration, excepting the services of any person as a Town Officer.
 2. **GIFTS AND FAVORS.** No Town Officer or his immediate family shall accept any valuable gift, things, favor, loan or promise which might tend to influence the performance or nonperformance of his official duties.
 3. **IMPROPER INFLUENCE.** No Town Officer having a substantial financial interest in any transaction with the Town or in any action to be taken by the Town shall use its office to exert his influence or to vote on such transaction or action.

VENDOR INFORMATION. (Please print the following)

VENDOR NAME

ADDRESS

TELEPHONE

FAX #

E-MAIL

WEB SITE

AUTHORIZED SIGNATURE

TITLE

- (12) By signing this bid/proposal the bidder/proposer understands and agrees to the attached terms, conditions, and specifications, including Collusion among Bidders/Proposers Employment Discrimination by the Contractor Prohibited.

SIGNATURE

SWORN AND SUBSCRIBED TO BEFORE ME, A NOTARY PUBLIC, IN AND FOR THE
COUNTY OF _____ AND THE STATE OF _____

_____ THIS _____

DAY OF _____, 2018

_____ MY COMMISSION EXPIRES _____
NOTARY PUBLIC

COMPANY INFORMATION

NAME OF FIRM STREET CITY, STATE, ZIP

SALES REPRESENTATIVE NAME TELEPHONE # FAX #

GREENWICH PUBLIC SCHOOLS
GREENWICH HIGH SCHOOL - CARDINAL STADIUM
BORING LOCATION PLAN
AUGUST 5, 2019
KG+D ARCHITECTS

