



**TOWN OF STRATFORD
PURCHASING DEPARTMENT
STRATFORD, CONNECTICUT**

BID No. 2009-066

Issued : August 20, 2009

Subject : Testing and Inspection Services for the New Construction of
the Animal Control Facility and EMS Facility

The Town of Stratford through the Office of the Purchasing Agent, will receive SEALED BIDS for furnishing the equipment described in the accompanying specifications, in accordance with the instructions, conditions and reservations that follow:

A. CLOSING DATE:

Bids will be received until 3:00 pm September 3, 2009, at which time they will be publicly opened and read. All bidders are invited to attend this public opening, which will be held immediately following the closing time specified above, in the Office of the Purchasing Agent, Room 202, Town Hall, 2725 Main Street, Stratford, CT 06615.

Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof. Any bids received after the date and time specified shall NOT be considered. No bidder may withdraw a bid within 45 days after the actual opening thereof.

B. INSTRUCTIONS:

All proposals must be addressed to the attention of the Purchasing Agent, in a sealed envelope with bid subject and number on the face thereof. **THREE COPIES**. Proposals may be mailed or submitted in person. FAXED PROPOSALS ARE NOT ACCEPTED.

C. CONDITIONS:

Bidders must state specifically what equipment they propose to supply, giving manufacturer's name, model number, etc. A detailed description should accompany your bid. Any exceptions to Town Specifications should be listed in your bid response.

Bid Surety:

A Certified Check, Cashier's Check or Bid Bond in the amount of \$1,000 must accompany each proposal, made payable to the Town of Stratford. No bid will be considered without this surety. Upon award or rejection of the bid, all Certified Checks or Cashier's Checks received in lieu of Bid Bonds will be returned to the bidders.

The following information should also be covered in your bid:

Payment: Final payment will be made upon the acceptance of the completed work by an authorized representative of the Town of Stratford. NO partial payments will be made. Invoices covering the work specified herein should be forwarded to the Purchasing Department upon completion of the project.

Delivery: Please state as accurately as possible how long it will take to complete delivery after receipt of order, if you are the successful bidder.

Warranty: All proposals must state the exact nature and duration of any warranty applicable to the equipment you propose to sell to the Town.

Taxes: The Town of Stratford is exempt from all State and Federal taxes. Do not include these amounts in your quotation.

Repairs, parts: Bidders should indicate where service or parts could be obtained for the equipment being offered to the Town.

Insurance Requirements:

A. General Liability

Occurrence limit \$1,000,000; aggregate limit \$2,000,000. The insurance carried by the proposer shall be on form CG 00 01, or equivalent. The Town of Stratford shall be named as an additional insured on the contractor's General Liability Insurance Policy with form CG 20 10 or CG 20 33, *and* CG 20 37.

B. Automobile Liability

Combined single limit of \$1,000,000. Comprehensive automobile policy to cover all owned, hired or non-owned automobiles or vehicles.

C. Workers Compensation

The proposer must have workers' compensation and employers liability insurance as required by Connecticut and federal law, plus employers liability limits of \$1,000,000 per accident, 1,000,000 disease each employee and \$1,000,000 disease policy limit.

D. Umbrella Liability

The proposer shall have a minimum coverage of \$3,000,000 excess umbrella coverage, naming the Town as additional insured.

The proposer shall procure and pay for the insurance coverage described above and must maintain the indicated insurance for a period of two (2) years after completion of the contract. All policies shall provide for thirty (30) days written notice prior to cancellation, substantial change or nonrenewal. The successful bidder must file the required Performance Bond and an Insurance Certificate within two weeks of the date of notification of award. Failure or neglect to do so may be considered by the Town as proof that the proposer is unable to fulfill the contract. A current insurance certificate and a copy of the endorsement or policy wording adding the Town as Additional Insured must be in the Town's possession at all times. In addition, the selected firm shall require its subcontractors, if any, to meet the same insurance requirements and to furnish the Town with similar evidence of insurance.

In addition, the proposer shall, at all times, save, indemnify and hold harmless the Town of Stratford, its officers, agents, employees and servants from liability of any nature or kind, including costs and expenses for or on account of, any patented or copyrighted equipment, materials, articles, or processes used in the performance of this contract, or on account of any and all claims, damages, losses, litigation expense and counsel fees arising out of loss or injuries (including death) sustained by or alleged to have been sustained by the public or any persons affected by the proposer's work, or by the proposer or any subcontractor, or anyone directly or indirectly employed by them while engaged in the performance of their duties in connect

D. RESERVATIONS:

The Town of Stratford may consider informal any proposal not prepared and submitted to the Town in accordance with the provisions herein stated. The Town of Stratford reserves the right to reject any or all proposals or parts of proposals; to waive defects in same proposals; or to accept any proposal or part thereof deemed to be in the best interests of the Town of Stratford.

Michael Bonnar, Purchasing Agent

SPECIFICATIONS: See next page.

BID #2009-066
for
TESTING AND INSPECTION SERVICES

for the

Town of Stratford Connecticut

Animal Control Facility
&
EMS Facility

QUALIFICATIONS:

Testing Company shall be pre-qualified as complying with "Recommended Requirements for Independent Laboratory Qualification" by the American Council of Independent Laboratories.

Testing Company shall be authorized by authorities having jurisdiction to operate in the State of Connecticut. Testing Company shall be located within a 50-mile radius of the project site.

RESPONSIBILITIES:

Upon 24 hours notice from the Construction Manager, the Testing Company shall respond to the project site to perform such tests or inspections as requested.

The Testing Company shall expeditiously submit a certified, written report of each test, inspection or similar service to the Town of Stratford, Construction Manager, Architect and Contractor.

Report Data: Include, at a minimum, the following information on each report:

1. Date of issue
2. Project title and number
3. Name, address and telephone number of testing agency
4. Dates and locations of samples and tests or inspections
5. Names of individuals making the inspection or test
6. Designation of the Work and test method
7. Identification of product and Specification Section
8. Complete inspection or test data
9. Test results and an interpretation of test results
10. Ambient conditions at the time of sample-taking and testing
11. Comments or professional opinion as to whether inspected or tested Work complies with Contract Document requirements
12. Name and signature of laboratory inspector
13. Recommendations on re-testing

14. Reports to be signed and sealed by a professional engineer licensed in the State of New York.

The Testing Company is not authorized to release, revoke, alter or enlarge requirements of the contract documents, or approve or accept any portion of the Work.

The Testing Company shall invoice separately any re-tests or re-inspections performed. The Testing Company shall not perform any duties of the Contractor.

PROJECT SCHEDULE:

It is anticipated that work will begin on or about October 2009 and be completed in June 2010. Rates included in Proposal Form shall remain constant throughout this construction period.

SERVICES TO BE PROVIDED:

- Bottom-of-footing: When Contractor has excavated to required subgrade elevations, Testing Company shall inspect conditions and determine if bearing materials are suitable. Inform construction manager if soil bearing capacity is not satisfactory according to the requirement of the project. This inspection shall be performed by a professional engineer.

Proposal: 1.a. Submit price per hour for one inspector

- Borrow material: Perform tests on borrow material proposed by the contractor. Material to comply with recommendations of geotechnical report and other requirements of the contract documents.

Proposal: 1.b. Submit price for Proctor Value (max. unit weight) per each
1.c. Submit price for Sieve Analysis per each
1.d. Submit price for Wash per each
1.e. Submit combination price for 1b, 1c & 1d

- Compacted fill: Perform field density tests for each compacted fill layer, one every 500 square feet with a minimum of three tests.

Proposal: 1.f. Submit price for ½ day & full day for one inspector

- Reinforcement installation: Review the installation of the reinforcing steel for conformance with the construction documents and the approved shop drawings.
- Formwork geometry: Review geometry for compliance with the structural construction documents. Conduct review when reinforcing steel installation is being reviewed.

Proposal: 2.a. Submit price for ½ day & full day for one inspector

- Concrete placement: Inspect the placement of concrete for conformance with the construction documents. Record slump, air content and temperature.
- Curing and protection: Verify that concrete is adequately protected under hot and cold weather conditions as indicated in the contract specifications.

Proposal: 2.b. Submit price for ½ day & full day for one inspector

Proposal: 2.c. Submit combination price for 2a & 2b

- Evaluation of concrete strength: Perform compression tests and compressive-strength tests (1 set of cylinders minimum, one additional set for every 50 cubic yards of concrete in a day). One set equals four cylinders with one tested at 7 days and two at 28 days. One to be retained for future testing if necessary. Include pick up of cylinders.

Proposal: 2.c. Submit price for each compressive strength test & report

- Installation of Masonry: Inspect the placement of mortar and masonry units for conformance with ACI 530.1-88, Section 2.3.3.3 and the construction documents. Proportioning and mixing of mortar for conformance with ACI 530.1-88, Section 2.3.2.5 and the construction documents; inspect the proportioning and mixing of grout for conformance with ACI 530.1-88, Section 4.2.2 and the construction documents.
- Reinforcement installation: Review the size, condition, location and placement of reinforcement for conformance with the construction documents and ACI 530-88, Chapter 8, "Details of Reinforcement".
- Grouting operations: Inspect the placement of grout (including grout vibration) for conformance with ACI 530-88, Section 4.33, and the construction documents.

Proposal: 3.a. Submit price for ½ day & full day for one inspector

- Evaluation of masonry and or grout strength: Determine compressive strength of masonry/grout by the Prism strength method; one test conducted prior to construction and one additional test for each 5,000 SF of wall area or portion thereof. Test grout in accordance with ASTM C1019; one test for each 5,000 SF of wall area or portion thereof.

Proposal: 3.b. Submit price for each compression strength test & report

Proposal: 3.c. Submit price for each CMU prism

- Structural steel bolts: Inspect installation of high strength bolts (100%) for conformance with the "Specification for Structural Joints Using ASTM A325 or A490 Bolts" by the Research Council on Structural Bolts, and the construction documents.
- Welding: Perform visual inspection of welds in accordance of AWS D1.1. Perform full-time inspection during the execution of all complete penetration and partial penetration welds. Submit welder qualification statements. Perform ultrasonic testing as directed by the structural engineer.
- Shear connectors: Verify that the size and quantity of welded headed studs coincides with those indicated on the construction documents and the approved shop drawings. Inspect all studs in accordance with AWS D1.1, performing bend tests where required. Strike each stud with a 3-pound hammer.
- Structural details: Verify that the general geometry of the erected steel frame conforms to the construction documents and the approved shop drawings.
- Other structural: Perform visual inspection of welding of metal decking for conformance with the construction documents. Inspect size and quantity of screw stitch connectors for conformance with the construction documents.

Proposal: 4.a. Submit price for ½ day & full day for field inspection

4.b. Submit price for ½ day & full day for shop inspection

4.c. Submit price for ½ day & full day for Ultrasonic & Mag particle test

- Bituminous Concrete Pavement and Curbs: Inspect for the preparation for, installation of and thickness of base, binder, and top courses and for conformance to specification requirements

Proposal: 5.a. Submit price for ½ day & full day for field inspection

- Fireproofing: Inspection and fireproofing installation conformance verification of thickness of material installed and conformance with fire rating requirements for the project.

Proposal: 6.a. Submit price for ½ & full day for field inspection

Proposal: 6.b. Submit price for each adhesion / cohesion test

Proposal: 6.c. Submit price for each density test

- Wood Construction: Inspection of the fabrication of wood structural elements and assemblies as per BCNYS Reference 1704.6 & 1704.2.

Proposal: 7.a. Submit price for ½ & full day for field inspection

- Smoke Control: **Inspection and testing for smoke control** as per BCNYS Reference 1704.14.

Proposal: 8.a. Submit price for each smoke test

- Special Inspection for Seismic Resistance: **Testing and verification of structural steel** as per BCNYS Reference 1707.2.

Proposal: 9.a. Submit price for ½ & full day for field inspection

**BID #2009-066
 BID SHEET**

NAME: _____ **DATE:** _____

ADDRESS: _____

PHONE & FAX: _____

CONTACT PERSON: _____ **SIGNATURE:** _____

<u>Inspection/Test</u>	<u>Unit Price</u>
1a... Bottom-of-footing / Load Bearing Capacity.....	/hr
1b... Proctor Value / Maximum Unit Weight.....	/ea
1c... Sieve Analysis.....	/ea
1d... Wash.....	/ea
1e... Combination price for 1b, 1c & 1d.....	/ea
1f..... Compacted fill.....	1/2 Day
	Full Day
2a... Reinforcement installation / Formwork geometry.....	1/2 Day
	Full Day
2b... Concrete placement / Curing and protection.....	1/2 Day
	Full Day
2c... Combination price for 2a & 2b.....	1/2 Day
	Full Day
2d... Evaluation of concrete strength / w/ cylinder pick up.....	/ea
3a... Installation of masonry / Reinforcement / Grout operations	1/2 Day
	Full Day
3b... Evaluation of masonry / Grout strength.....	/ea
3c... Evaluation of CMU prisms.....	/ea
4a..... Structural steel field inspection / Bolts / Welding / Shear connectors / Structural details / Column plumb / Metal decking....	1/2 Day
	Full Day
4b... Shop Inspection.....	1/2 Day
	Full Day
4c... Ultrasonic & Mag particle testing.....	1/2 Day
	Full Day
5a... Bituminous concrete / In place density testing.....	1/2 Day
	Full Day

6a...	Fireproofing field inspection.....	<u>1/2 Day</u> <u>Full Day</u>
6b...	Adhesion / Cohesion.....	<u>/ea</u>
6c...	Density.....	<u>/ea</u>
7a...	Special Inspection for Seismic Resistance.....	<u>1/2 Day</u> <u>Full Day</u>
8a	Structural Testing for Seismic Resistance.....	<u>1/2 Day</u> <u>Full Day</u>

Please include in the space below any additional surcharges or fees including mileage expense, minimum hour requirements, pick-up fees, etc....

Give at least three (3) references, contact person and name:
