



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

BID No. 2015-063

Issued: December 2015

Subject: Installation of Modular Classrooms

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

The Town is requesting bids for the design, prefabrication, site assembly/installation, and all services required to complete and deliver two (2) modular building classrooms ready for use and occupancy at each of the following locations: Stratford High School, Nichols School and Eli Whitney School.

On- site installation shall include all necessary modifications to existing structures, new foundations, re-landscaping, and utility connections. The program requirements for the modular buildings are described below.

All construction shall meet the Energy Code of the State of Connecticut; classrooms to include heating, ventilation, cooling, casework, and finishes.

The modular buildings will be used for high school culinary classrooms with operational residential and commercial kitchens at Stratford High School and regular classrooms at Nichols School and Eli Whitney School.

Time is of the essence in completion of the work called for in this Bid. Accordingly, the winning proposer will be subject to penalty charges for late completion, all as set forth below.

A. CLOSING DATE:

Bids will be received until 3:00 pm, December 21, 2015, 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Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof.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 proposal within 45 days after the actual opening thereof.

B. INSTRUCTIONS:

Bidders are required to examine the attached specifications and to conform strictly to the conditions and instructions contained therein. The failure or omission of any bidder to examine the documents shall in no way relieve the bidder from any obligations with respect to this bid.

Bids will be carefully evaluated as to conformance with stated specifications.

Bids proposals are to be submitted **(FIVE COPIES)** in a sealed envelope and clearly marked with the bid number and description on the outside of the envelope, including all outer packaging (DHL, FedEx, UPS, etc).

Bids must be delivered to:
Purchasing Department
Stratford Town Hall — Rm 202
2725 Main Street
Stratford, CT 06615

C. GENERAL STATUE REQUIREMENTS:

All bidders are directed to the provisions of the Title 31, Section 53 of the Connecticut General Statutes, revised to 1985, concerning the payment of minimum wages for work on public facilities, wherein said provisions shall be a part of the contract document where the contracted work shall exceed \$50,000.00.

D. GENERAL BID INFORMATION:

Basis of bid: All prices must be complete...to include all costs of furnishing material, delivery of job site and completion of the project as per the specifications and/or drawing. Your terms of lease/sale must be stated on your bid.

Time for completion: If a completion date is not included in the accompanying specifications, Bidders must state how soon the work could be started on the project, and the number of working days required for finishing the project.

Method of award: Awards will be made to the lowest responsible bidder, meeting the conditions and specification as set forth herein.

Award procedure: Shortly after the public bid opening, the successful bidder will receive a written notice of award from the Purchasing Manager. The notice of award is issued primarily to advise the successful bidder of the intended award of the contract, and of the bidder's obligations to the Town in the way bid document to furnish.

Guarantee: All work and materials shall be guaranteed for one year, unless otherwise noted.

E. CONDITIONS:

Each bidder is held responsible for the examination and/or to have acquainted themselves with any condition at the job site, which would affect their work before submitting a bid. Failure to meet these criteria shall not relieve the bidder of the responsibility of completing the bid without extra cost to the Stratford Board of Education.

Bid Surety:

A bid surety is not required.

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.

Liquidated Damages: If the work is not substantially complete by February 15, 2016, it shall be understood and agreed that Bidder shall pay the Town, not as a penalty but as liquidated damages, the

Amount for Liquidated Damages: \$2,500 per day.

“Substantial completion” is defined as the stage in the progress of the work when the work is sufficiently complete in accordance with the “Turnkey” contract documents that the owner can occupy or utilize the space for its intended use.

Installation/Delivery is a consideration in awarding this bid: Yes

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

Addendums: All addendums will be posted on the town website, www.townofstratford.com. It is the responsibility of the bidder to check the website for any addendums before submitting their bid.

F.O.B. Destination: All prices quoted must be net delivered to destination.

Conflict of Interest: No public official or employee shall, while serving as such, have any financial interest or engage in any business, employment, transaction or professional activity or incur any obligation of any nature which in in substantial conflict with the proper discharge of his/her duties or employment in the public interest.

Insurance: Prior to the start of work the bidder shall submit to the Owner certificates of insurance in the amounts indicated by the Insurance Requirements Chart attached hereto. The certificates shall indicate that both the Town of Stratford and the Stratford Board of Education are an additional insured under the applicable policies.

Subcontracting: Unless specifically indicated in the contract documents, no part of the contract may be subcontracted or sub-let without written permission of the Owner.

Miscellaneous: Any inquiries regarding this request for quotation should be referred to the Facilities Director, (Richard Ruggiero – 203-385-4216) who will furnish the information you require or refer you to the person who can.

Reservations: The Stratford Board of Education may consider informal any bid not prepared and submitted in accordance with the provisions herein stated.

Specifications must be submitted complete in every detail, and when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, underlined and attached to the bid.

The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent or employee of the Board of Education or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the Bid.

Cancellation: The Bidder should be advised that should budgetary constraints dictate, part and/or all the items listed in this bid might be rejected. The decision shall be considered final and not subject to recourse by the bidder.

Regulations Governing Product Design, Safety and Composition: All products must conform to strict OSHA, Fire, Electrical, Building Codes or any other applicable codes or standards as required by local ordinance, state and federal laws. Ingredients contained in products shall conform to Federal and State of Connecticut Regulations governing safety of products for use in our schools.

Products containing asbestos material will not be allowed in the completion of any contract awarded by the Stratford Public Schools.

Certifications of compliance to these standards may be required to be submitted by the bidder awarded the contract.

MSDS identification sheets where required, must be mailed to the Owner at its Business Office.

Regulations Governing Installation Codes and Standards: All installation work shall conform to the applicable codes and standards of the agencies listed below. When a conflict between standards arises the more stringent standard is to be followed:

1. NEC - National Electric Code
2. Local Electrical Codes and Ordinances
3. NFPA - National Fire Protection Association
4. NEMA - National Electrical Manufacturers Association
5. EIA/TIA - Electronic Industries Association / Telecommunications Industries Association
6. ANSI - American National Standards Institute, X3T9.5FDDI Standard
7. IEEE - Institute of Electrical and Electronic Engineers
8. FCC - Federal Communications Commission
9. UL- Underwriters Laboratories
10. OSHA - Occupational Health and Safety Administration

Changes, Deviation from the Specification: Any deviation from the contract requirements or specifications must be completely detailed in writing by the Bidder and approved in writing by the Owner prior to the performance of said work. Any change in the work or contract requirements likewise must be detailed in writing by the Bidder and approved in writing by the Owner prior to the performance of said work.

Environmental Certifications: If the contract entails any exposure to a regulated material including but not limited to asbestos or lead, the bidder certifies that it and each of its sub-bidders and their workers will be certified and trained under all OSHA and other relevant regulations for such work.

Funding Requirements: Some or the entire contract may be funded by state, federal or other grant programs. The bidder is advised that such funding programs may include contractual provisions binding on Bidders and which may, for example, require audits or certifications under oath that the Bidder has not been debarred, suspended or excluded from any publicly funded project or programs.

Time of Performance – Delays: Bidders are advised to examine the contract documents regarding the time of performance. If this is a construction project the contract documents may indicate an estimated start date and time of completion, and may include liquidated damages for late completion. If this is a services contract the contract documents may indicate the period of services sought, and may include provisions for renewal.

If this is a contract for the sale of goods, the bid may include the bidder's proposal for how soon products may be delivered and for how long the bid price will remain available.

The commencement or performance of this contract may be delayed due to events that are not the Bidder's responsibility. In such event the Bidder shall be entitled to an extension of time but no monetary compensation. Such an extension shall be at the sole discretion of the Owner, in conjunction with the Bidder and the Director of Facilities.

Nondiscrimination and Affirmative Action: The bidder is required to comply with all provisions of the Civil Rights Act of 1964, State of Connecticut Executive Order #3, the Equal Employment Opportunity Act of 1972, Executive Orders 11246, 11375, 11478, and if applicable, the Connecticut Fair Employment Practice Law and any/all other applicable nondiscrimination and affirmative action provisions as presently stated, or as amended.

Pursuant to Conn. Gen. Stat. Sect. 4a-60, the Bidder agrees and warrants that in the performance of the contract, the Bidder will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religious creed, age, marital status, national origin, ancestry, sex, mental retardation or physical disability, including but not limited to, blindness, unless it is shown by the Bidder that such disability prevents performance of the work involved, in any manner prohibited by the laws of the United States or the State of Connecticut.

The Bidder further agrees to take affirmative action to insure that applicants with Job related qualifications are employed and that employees are treated when employed without regard to their race, color, religious creed, age, marital status, national origin, ancestry, sex, mental retardation, or physical disability, including, but not limited blindness, unless it is shown by such Bidder that such disability prevents performance of the work involved; (2) the Bidder agrees, in all solicitations or advertisements for employees placed by or on behalf of the Bidder, to state that It is an Affirmative action-equal opportunity employer in accordance with regulations adopted by the Connecticut Commission on Human Rights and Opportunities; (3) the Bidder agrees to provide each labor union or representative of workers with which such Bidder has a collective bargaining agreement or other contract or understanding and each vendor with which such Bidder has a contract or understanding, a notice to be provided by the commission advising the labor union or workers' representative of the Bidder's commitments under this section, and to post copies of the notice in conspicuous places available to employees and applicants for employment; (4) the Bidder agrees to comply with each provision of section 4a-60 and section 46a-68e and 6a-68f and with each regulation or relevant order issued by said commission pursuant to sections 46a-56, 46a-68e, and 46a-68f; (5) the Bidder agrees to provide the Commission on Human Rights and Opportunities with such information requested by the commission, and permit access to pertinent books, records and accounts concerning the employment practices and procedures of the Bidder as related to the provisions of this section and section 46a-56.

If this is a construction contract, the Bidder agrees and warrants that he will make good faith efforts to employ minority business enterprises as sub Bidders and suppliers of materials.

This contract may be governed by the State of Connecticut Department of Education procedures regarding affirmative action. -A copy of the state's Affirmative Action Packet is

a part of these specifications. The Bidder is required to determine from the packet what affirmative action reports and other compliance will be required, and submit that information to the Owner at the time that the contract is awarded.

Indemnification: To the greatest extent permitted by law, the bidder agrees to defend, indemnify and save harmless the Town of Stratford, the Stratford Board of Education, their agents and employees from and against all claims, demands, damages, workers compensation payments, or other loss or expense, including costs and attorney's fees, arising out of or resulting from the performance of this contract, including any bodily injury, including death at any time resulting therefore, sustained by any person or persons (including employees of the Bidder or any subBidder) or on account of damage to the property of any person, including the loss caused in any degree by the negligence of the Town of Stratford, the Stratford Board of Education, their agents and employees or otherwise.

The existence of insurance shall in no way limit the scope of this Indemnification.

The Bidder shall carry liability insurance covering the operation of trucks and automobiles and shall take out and maintain public liability and property damage liability insurance in not less than the following amounts:

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 \$1,000,000 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 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

Evidence of the above insurance in the form of certificates shall be issued to the Owner prior to starting work. Certificates of insurance shall state that the Owner will be notified, in writing, ten (10) days prior to cancellation of any insurance coverage. Certificates shall be filed with the Owner and shall name Stratford Public Schools as an additional insured. Upon job completion, the Bidder and a designated representative by the Owner will make a final inspection. No payment will be authorized for work done until such inspection has been made, and all work is found to have been performed in accordance with the specifications and to the satisfaction of the owner.

Any and all legal expenses incurred by Stratford Public Schools for the Bidder's failure to comply with these specifications will be borne by the Bidder.

The Bidder is to maintain for the duration of the contract and for the protection of all employees engaged there under workers compensation as required by the labor laws of the state, and all municipal and federal liability. Evidence of Workers Compensation insurance is to be provided prior to starting work.

All bids must be made on this form. To be responsive this bid must be properly executed, accompanied by the appropriate bid security, and accompanied by any additional bid sheets required by the contract documents and/or Bid Specifications.

The undersigned acknowledges that it has carefully examined all of the contract documents bound in with this bid, including any addenda, has participated in any site visit and is familiar with any factors which may affect this contract, and offers to perform, in strict conformity with each and every provision of the contract at the prices set forth in this bid and within the period of time specified for completion in the contract documents. **This offer shall be irrevocable for a period of 60 working days from the date on which the Bidder notified the Owner, in writing, that it wished to terminate the contract. If the Bidder does not provide appropriate cancellation notification and vacates the contract prior to the expiration of the contract, the Bidder will be liable for any and**

all costs to the Owner for completion of the contract through the contract's expiration date.

By submission of this bid, the undersigned and each person signed on behalf of the undersigned certifies, under penalty of perjury, that: (a) The prices in this bid have been arrived at independently, without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; (b) unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the undersigned and will not knowingly be disclosed by the undersigned prior to opening, directly or indirectly, to any other bidder or to any competitor (c) no attempt has been or will be made by the undersigned to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

F. RESERVATIONS:

The Town of Stratford reserves the right to reject any or all bids not considered in the best interests of the Board of Education. Stratford also reserves the right to scale the project up or down as necessary with prevailing unit prices.

Performance deemed substandard by the Town of Stratford and/or Board of Education will result in cancellation of the contract with the awarded bidder.

Building Specifications for Modular Construction

DIVISION 1 - GENERAL

1.01 Summary of Work

It is the intent of the Stratford Board of Education to award a turnkey contract for modular culinary classrooms addition at Stratford High School, 45 North Parade Street, Stratford, CT 06615.

It is the intent of the Stratford Board of Education to have the installation of two existing modular classrooms currently installed in Trumbull, CT installed at Eli Whitney School, 1130 Huntington Road, Stratford, CT 06614.

It is the intent of the Stratford Board of Education to have the installation of two existing modular classrooms currently installed in Trumbull, CT installed at Nichols School, 396 Nichols Avenue, Stratford, CT 06614.

The portables for Eli Whitney School and Nichols School are currently installed in two locations in Trumbull, CT

545 Booth Hill Road, Trumbull, CT 06611 and 30 Frenchtown Road, Trumbull, CT 06611

The purpose of the specification is to outline the scope of work for the modular addition.

The Bidder will supply, transport, erect and complete the buildings as described in the following specification.

The modular buildings will not be connected to the existing building with modifications to existing corridor. All materials, equipment, devices, color, etc. to be standard unless otherwise noted in these specifications.

1.02 Regulatory Requirements

All construction and installation as specified in the following pages shall meet or exceed the State of Connecticut Building Codes, including but not limited to, ADA Standards and NFPA 101, Life Safety. Should changes be implemented by local regulatory agencies or local building codes the Bidder reserves the right to adjust its proposal and construction schedule accordingly.

1.03 Permits and Inspections

The buildings will be constructed of type 5B construction in accordance with the current editions of the Uniform Building Code, Uniform Fire

Prevention Code and the American with Disabilities Act (ADA). Third party and state approval will be furnished through the manufacturing source. All necessary permits are to be obtained by the Bidder. The fee for all permits required by the Town of Stratford will be the responsibility of the Bidder.

The modular buildings will meet the current editions of the following building codes:

BOCA Basic/National Building Code
BOCA Basic/National Mechanical Code
BOCA Basic/National Plumbing Code
National Electrical Code
NFPA Life Safety Code
Connecticut Building Code Supplement
Connecticut Fire Safety Code Supplement

All necessary permits are to be obtained by the Bidder and all costs associated with building permit filings, building permits and building inspections will be the responsibility of the Bidder.

All costs for special inspections, site testing's, material testing's, independent testing's and approvals as may be required for this project is by paid by Town.

The bidder will be responsible for all costs, including associated surveys, engineering & drawings, associated with filing and obtaining Zoning Department, Health Department and any other agencies approvals required for this project. These approvals are required prior to filing for building permits.

1.04 Office Standards

The construction schedule for this project will not commence without the following documents; fully executed contract agreement, Town approved drawings, submittals and project specifications, all necessary federal, state and local approvals, Building Department, Fire Marshal, Zoning and Health Department approvals.

The Bid should not include any sales, use, personal property, or any other taxes levied upon the equipment, materials, labor, its value or its use or operation.

1.05 Temporary Utilities and Services

The Town will provide temporary utility service connections during the entire construction period at no charge to the Bidder.

1.06 Temporary Controls

The Bidder will supply and install temporary plastic orange construction fencing and barricades as required to protect its work only. All other required fencing, barricades, protections, if required, will be the responsibility of the Town.

1.07 Construction Management

The Bidder is to furnish a project manager for this project who will act as a single point of contact to channel all information for this project.

The Bidder's project manager will be responsible for all phases of work, from contract award to completion.

1.08 Engineering Services

Bidder will provide signed and sealed third party drawings for the modular structure as it relates to the Bidder's contract, inclusive of structural, electrical, plumbing and mechanical. They will also provide utility (if required) foundation, connecting link, stair, ramp and canopy design/shop designs signed and sealed by a state licensed engineer. All other drawings required for this project will be the sole responsibility of the Town.

The Town will be responsible to supply the Bidder the latest site drawings of the property indicating the location of the new modular building. Site drawings will include property line setbacks, easements, restriction, etc.

If required, the bidder will be responsible to perform and pay for the following services:

- a) Site surveys,
- b) Locating and marking underground utilities & services,
- c) Soil testing's & soil borings,
- d) Site inspections & testing's

DIVISION 2 - SITEWORK

2.01 Subsurface Investigation

Soil bearing capacity of 4,000 p.s.f. is assumed for the foundation designs on this project. The Bidder is invited to conduct, at their expense, verifiable soil bearing tests to establish the actual soil conditions.

A minimum grade variance of 6" over the entire area of the proposed building has been assumed for the foundation and egress designs of this building.

2.02 Site Storage

The Bidder is to provide excavation and footing work associated with this project. Temporary staging and parking areas will be designated on site by the Stratford Board of Education. No other parking or staging area may be used without prior written approval by the Stratford Board of Education.

2.03 Site Demolition and Relocation

None required or identified in Specifications, Addendums and Drawings provided by the Town in the Request for Bid package.

2.04 Engineering

The Bidder will be responsible for general architectural and engineering services (including but not limited to foundation, hallway connectors and wall penetrations) building stakeout and as built plans.

2.05 Earthwork

As required for excavation for footing/foundations, grading, drainage and pavement preparation.

It is assumed that only normal soil material (no rock removal, blasting, ripping or replacement of unsuitable soil) will be encountered.

It is assumed excavated material is suitable for use as backfill and may be stockpiled on site until required. Stockpiling will be done only in locations approved by the Town, and must be protected from erosion. All excavated materials remain the property of the Town unless released in writing.

2.06 Surface & Subsurface Drainage

Subsurface: If required, the bidder will be responsible for all costs associated with the design and installation of this system.

Ground: Surface drainage run-off shall be provided on site, configuring grading to provide sheet flow to appropriate locations.

Roof: If required, the bidder will be responsible for connecting roof drains to a subsurface drainage system.

2.07 Paving and Surfacing: Included

2.08 Service Utilities

The Bidder will be responsible to confirm that all new and existing utility sources (electrical) are adequate to support the additional loads and demands with the installation of the new modular addition.

2.09 Water Service: Included for Stratford High School and Eli Whitney School

2:10 Appliances: Exhaust Hood with Ansul System, Two Commercial Hot Water Heaters, 36 inch Commercial Range with Gas Burners

2.11 Sprinkler Service: Not Included.

2.12 Gas Service: Propane service to be included for Stratford High School

2.13 Sanitary Service: Included for Stratford High School

2.14 Electric Service

The Bidder will install an electric service to the modular building, including, but not limited to, design, engineering, connection to the modular building's electrical panels, CTs, disconnects and building grounding. Proposal does not included cost of transformer(s), transformer pad(s) and any utility charges.

2.15 Communication Services

Services: The Bidder will be responsible to confirm that all existing communication systems' hardware and software (fire alarm, telephone, public address, computer and security) are adequate to support the additional loads and demands put on them by the installation of the new modular addition. The bidder will be responsible for all costs associated with the upgrade(s) to the existing system(s) hardware & software, if required.

Fire Alarm service: The Bidder will be responsible to extend the fire alarm service from the modular building to the monitoring source, including but not limited to, design, engineering, devices, wiring, connections, testing and fees.

Telephone service: The Bidder will be responsible to extend the phone system from the modular building to the existing system. The customer will be responsible for all cost to supply and install hardware, software, design, devices, connections, testing's and fees. Upgrades to existing hardware/software is the responsibility of the customer.

Clock system: Yes

PA system: The Bidder will be responsible to extend the public address system from the modular building to the existing system, including but not limited to, design, devices, wiring, programming, connections, testing and fees. Upgrades to the existing hardware/software is the responsibility of the customer.

Computer system: The Bidder will be responsible to extend the computer system from the modular building to the existing system. The customer will be responsible for all cost to supply and install hardware, software, design, devices, patch panels, connections, testing's and fees. Upgrades to existing hardware/software is the responsibility of the customer.

2.16 Grading, Seeding & Landscaping

Grading:	Areas disturbed during construction.
Seeding:	By Bidder, if required.
Plantings:	By Bidder, if required.
Landscaping:	By Bidder, if required.
Site Restoration:	Areas disturbed during construction.

DIVISION 3 - CONCRETE

3.01 Concrete Formwork

Footings: Poured in place concrete, 30" diameter footing to frost depth except at locations where four modular comers meet which require 36" diameter footings. Sizes based upon soil bearing of 4.000 p.s.f.

Piers: Poured and formed in place concrete, 16" x 16" square pier from footing to modular frame (minimum 18) except at locations where four modular comers meet which require 24" x 24" square pier from footing to modular frame (minimum 18").

Gravel: Ten inches (10") of gravel is to be placed around the substrate at Nichols School.

3.02 Concrete Reinforcement

Reinforcing: Reinforcing bars will be installed in piers and footings to compensate for loads imposed.

3.03 Concrete Accessories

Anchoring: Steel plates will be located at intervals along the perimeter piers for welding the frame to the foundation system.

DIVISION 4 - MASONRY

As needed, supplied by Bidder as part of this contract.

DIVISION 5 - METALS

5.01 Structural Metal Framing

Steel frame: Perimeter design 12" jr. I beam and cross members @ 48" O.C.

5.02 Alternatives and Special Items

Finish: Asphalt based black primer for all module chassis.

Undercarriage: Removable axles and hitches.

DIVISION 6 - WOODS AND PLASTICS

6.01 Wood framing

Floor joists: 2" x 6" S.P.F. #2 @ 16" O. C., transverse
Roof trusses: BOCA approved and tested tapered truss @ 24" O.C.
Exterior wall studs: 2" x 4" stud grade @ 16" O. C.
Interior wall studs: 2" x 4" stud grade @ 16" O. C.
Columns: Concealed interior support columns at intermediate locations as required for roof structure support.

6.02 Plywood

Floor underlayment: ½" square edge
Sub-floor: 5/8" T&G edge
Roof: 5/8" CDX plywood

6.03 Sheathing

Bottom board: Polywoven Fabric

6.04 Base Moldings

Base Trim 4" rubber cove base, color: from manufacturer's standards

6.05 Exterior Stairs, Ramps & Platforms

Exterior stairs: Pressure treated ADA compliant sized accordingly.
Exterior HC ramp: Pressure treated wood sized accordingly, pitch: 1" per foot.
Handrails: Finished wood with metal brackets.
Treatments: Ramps, stair treads and platforms to receive two (2) coat of non-slip paint.
Stair and ramp handrails to be sanded smooth and will receive two (2) coats of water seal treatment.

DIVISION 7 - THERMAL AND MOISTURE PROTECTION AND ANIMAL DETERRENT

7.01 Insulation

Floor: 6", R-21 unfaced fiberglass batt
Exterior wall: 3 ½", R-13 unfaced fiberglass batt
Interior wall: 3 ½", R-13 unfaced fiberglass batt
Roof: 9", R-30 kraft faced fiberglass batt

Or as required by prevailing codes.

7.02 Siding

Exterior siding: T-1-11 Plywood

Finishes: Siding will receive one (1) coat of primer and two (2) coats of exterior latex paint. Color to match existing building

7.03 Membrane roofing

Roofing: Fully adhered EPDM membrane 45 mil roofing system. Color: black.
Flashing material to be supplied by the roof manufacturer.

Roof drain identifiers to be installed.

Roof Guarantee: 25 year manufacturer warranty schedule.

7.04 Prefabricated Roof Specialties

Roof drainage: Aluminum gutters and downspouts installed at building perimeter as required for proper drainage. Downspouts are to discharge onto grade level. Color from manufacturer's standards.

7.05 Animal Deterrent:

Skirting: T-1-11 skirting will be installed around entire perimeter of modular units to deter wild animal entry.

DIVISION 8 - DOORS AND WINDOWS

8.01 Metal doors and Frames

Exterior doors: 3068 commercial grade insulated 18 gauge hollow metal door with 16 gauge knock-down metal frame and safety wire glass vision panel. Rated as required.

Finish: Steel doors and frames will receive one (1) coat of primers and two (2) coats of finish enamel paint. Color from manufacturer's standard.

8.02 Vinyl Windows

Exterior: Solid vinyl two-lite horizontal slider with insulated glass, lock and insect screen. Color: white.

8.03 Finish Hardware

Exterior doors: Exit: Commercial grade panic hardware with lever trim, keyed to existing hardware, LCM hydraulic closure, 1 ½ pairs of ball bearing hinges, aluminum threshold, weather stripping and bottom sweep.

Hardware: All hardware to match existing hardware.

Door keying: Exterior doors: Construction core.
Corridor: Construction core.
Keyed to existing master

DIVISION 9 - FINISHES

9.01 Suspended Ceiling System

Suspended ceiling: Suspended ceiling system with 2' x 4' acoustical ceiling tile in white metal grid, mounted at 8' 0" ceiling height.

9.02 Gypsum Wallboard

Interior wall finish: Wall finish to be 5/8" vinyl gypsum, glued and nailed with matching color pins. Color from manufacturer's standard.

9.03 Flooring

Floor covering: 12' x 12' VCT flooring. Color to be determined

Ten (10) percent VCT stock to be leftover.

9.04 Base Moldings

Base trim: 4" rubber cove base. Color from manufacturer's standards.

DIVISION 10 - SPECIALTIES

10.01 Visual Display Boards

- White board:** 4' x 10' with tray and aluminum frame: one (1) per classroom.
- Tack board:** 4' x 8' burlap covered with aluminum frame; two (2) per classroom.

Installed at locations and heights directed by the Board of Education.

10.02 Signage

As required by local, state and federal codes

DIVISION 11 – EQUIPMENT: Not included

DIVISION 12 – FURNISHINGS:

Coat Rack: Wall mounted with laminate finish shelf and 30 hooks; one per classroom.

Closet Shelf: Wire shelf with integral rod; one per classroom

DIVISION 13 - SPECIAL CONSTRUCTION Not Included

DIVISION 14 - CONVEYING SYSTEMS Not Included

DIVISION 15 - MECHANICAL

15.01 Sprinkler System Not Included

15.02 Heating, Ventilating and Air Conditioning

- Type:** Roof mounted natural gas HVAC unit with heat strip, sized and quantity based on the local climatic conditions. HVAC units will be 120/208, 3 phase unit.
- Ductwork:** Supply: 1" fiberglass.
Return: 1" fiberglass.
- Diffusers:** Supply: 24" x 24" lay-in type.
Return: Eggcrate.
- Thermostat:** Programmable
- Dampers:** Volume Dampers: One (1) volume damper per supply diffuser.

DIVISION 16 - ELECTRICAL

16.01 Conductors

Power General Wiring: Romex - #12 minimum.

16.02 Switches and Receptacles

Wall switches: 120v, 20 amp. Located as per code.
Receptacles: Interior: Duplex type: 20 amp with polarized parallel slots spaced per code and GFI receptacles in areas where required by code.

16.03 Distribution Equipment

Distribution panel: 120/208, 3 phase, 4 wire, main distribution panel.
Sub-panel: 120/208, 3 phase, 4 wire.

16.04 Lighting

Interior: 2' x 4' fluorescent troffers with electronic ballast, T-8 lamps and standard acrylic lenses.
Exterior: 60 watt LED fixture with photocell at each entrance and exit.

16.05 Emergency Lighting and Power

Emergency: Twin bulb emergency lights with battery backup located according to code.
Exit lights: Exit lights with battery backup located according to code.
Remote head: 6 watt exterior wall mounted with battery backup installed at each exit.

16.06 Alarm and Detection Systems

Fire alarm system: Dependent system tied into existing classroom.

16.07 Program Systems

Public address: Wall/ceiling mounted speaker. One per classroom.

16.08 Telecommunication Systems

Computer system: Data jack and cabling.

Stratford High School - Six (6) drops, plus one in ceiling, including electrical with adequate power supply and all drops to be home run

Eli Whitney School and Nichols School – Two (2) drops, plus one in ceiling, including electrical with adequate power supply and all drops to be home run

Telephone systems: Phone jack and cabling.

Stratford High School – Four (4) per classroom

Eli Whitney School and Nichols School - Two (2) per classroom

STRATFORD BOARD OF EDUCATION

MODULAR CLASSROOM REQUIREMENTS:

Stratford High School

24' x 132' (DRY) Portable Classroom

Eli Whitney School

30' x 30' – Two (Dry) Portable Classrooms

Nichols School

28' x 56' (DRY) Portable Classroom

Turn Key: with (Certificate of Occupancy from Town of Stratford) by February 15, 2016 as follows:

- Delivered, set up and installed
- Utilities attached and operational
- Handicap Accessible and ADA Compliant
- Fire Safety System operational
- Strobe light
- Security System operational
- Wired for Technology
- Public Address System / Intercom System connected to the schools systems
- HVAC operational
- All windows screened
- All windows will be equipped with blinds
- Lockable closet per classroom – Stratford High School
- Ramps, Stairs, Skirts, installed
- New clocks where needed
- Animal proof skirting to match siding on portables

The bid should include a Total Price with Utilities.

The bid should include a penalty of \$2,500 per calendar day for all days passed February 15, 2016 that the portables are not “Turn Key Complete”.

The bid will include a floor plan, cross section of building, connecting corridor, and complete specifications.

BIDDERS DESIGN AND SPECIFICATIONS COMPLIANCE CERTIFICATION:

Any attempt to substitute or vary from the drawings and specifications of the bid will be grounds for rejection of the bid.

Bidders certify that the attached bid, in its entirety, complies with the drawings and specifications of the bid package.

Company:

Company Representative

Date

BID RESPONSE FORM

Name of Contract: Modular Classroom Bid

I UNDERSTAND that if my company is awarded the contract based on the anticipated date of award, completion of the project and/or delivery of materials as indicated in the bid would be no later than _____.

AND

In witness whereof, the undersigned has caused this bid to be signed and delivered as of the date bids are to be received and opened by the Owner.

Name of Bidder: _____
(exact name of individual, firm, or corporation)

Signature of Officer: _____

Typed Name and Title of Officer: _____

Address: _____

Telephone: _____ Fax: _____

BID PRICING SHEET
FOR
INSTALLATION OF REPURPOSED
TWO (DRY) MODULAR CLASSROOMS EACH
AT
ELI WHITNEY SCHOOL

Installation Price: \$ _____

- **The installation price includes: the entire structure and all up front site costs**

Final Utilities Cost \$ _____

- **The final utility cost are the only costs that are not in the installation price**

BID PRICING SHEET
FOR
INSTALLATION OF REPURPOSED
TWO (DRY) MODULAR CLASSROOMS EACH
AT
NICHOLS SCHOOL

Installation Price: \$ _____

- **The installation price includes: the entire structure and all up front site costs**

Final Utilities Cost \$ _____

- **The final utility cost are the only costs that are not in the installation price**

BID PRICING SHEET
FOR
NEW
TWO (DRY) MODULAR CLASSROOMS
AT
STRATFORD HIGH SCHOOL

Purchase Price: \$ _____

- **The purchase price includes: the entire structure and all up front site costs**

Final Utilities Cost \$ _____

- **The final utility cost are the only costs that are not in the purchase price**

REFERENCES

1. Company: _____

Contact Person: _____

Address: _____

Phone (contact person): _____

2. Company: _____

Contact Person: _____

Address: _____

Phone (contact person): _____

3. Company: _____

Contact Person: _____

Address: _____

Phone (contact person): _____