



City of Auburn, Maine

Fire Department

www.auburnmaine.gov | 60 Court St
Auburn, Maine 04210 | 207.333.6601

CONTRACT DOCUMENTS

FOR

**TRAINING BUILDING REPAIRS/UPGRADES
AUBURN, MAINE**

BID DOCUMENTS

BID NUMBER: 2017-026

February 21, 2017

Derek Boulanger
Facilities Manager/Purchasing Agent
Finance Department

Tim Allen
Deputy Fire Chief
Fire Department



February 21, 2017

Dear Bidder:

The City of Auburn is accepting bids for materials to repair/upgrade the fire department's training building. Please submit your bid in a sealed envelope to the City of Auburn, Derek Boulanger, Facilities Manager-Purchasing Agent, 60 Court Street, Auburn, ME 04210 by 2:00 p.m. on March 9, 2017. The City will not accept late bids. Bids shall be submitted on the forms provided, in a sealed envelope bearing the name and address of your company, and marked "**AFD Training Building Repairs/Upgrades - Bid #2017-026**". Bids may be held by the City for a period of 30 days from the date of the opening for the purpose of reviewing bids and investigating the qualifications of bidders prior to notification of award. The City reserves the right to revoke this invitation to bid at any time prior to the March 9, 2017 bid opening, to reject any and all bids, to waive any irregularities in bidding, and to award the contract in the best interest of the City. The successful bidder will be required to furnish a Certificate of Insurance.

This is a lump sum bid to furnish and install materials to repair/upgrade the Auburn Fire Department's training building located at 550 Minot Avenue, Auburn ME 04210. All repairs shall be completed by June 30, 2017. Any questions regarding this Request for Bids should be directed to Tim Allen, Deputy Fire Chief, at (207)333-6633 ext 7 or via email at tallen@auburnmaine.gov.

Please submit your proposal in a sealed envelope to the City of Auburn **by 2:00 p.m. on March 9, 2017**. Proposals must be received by **Derek Boulanger, Facilities Manager/ Purchasing Agent, 60 Court Street, Auburn, Maine 04210** on or before the date and time appointed. Proposals will be opened at 2:00 PM at Auburn City Hall. The City will not accept late bids.

Sincerely,

Derek Boulanger
Facilities Manager/Purchasing Agent

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CONDITIONS AND INSTRUCTIONS TO BIDDERS

1. Bidders shall use the enclosed bid form for quotations. Whenever, in bid forms, an article is defined by using a trade name or catalog number, the term "or approved equal", if not inserted, shall be implied.
2. Submit a separate unit price for each item unless otherwise specified in the bid request. Award will be made on a basis of each item, or as a group, whichever is in the best interest of the City. Prices stated are to be "delivered to destination".
3. Bid proposals must be completed in full, in ink and must be signed by firm official. Bid proposal **must be notarized** prior to bid being sealed and will be disqualified if not notarized. Bids may be withdrawn prior to the time set for the official opening.
4. Bids will be opened publicly. Bidders or representatives may be present at bid opening.
5. Awards will be made to the lowest responsible bidder, considering the quality of the materials, date of delivery, cost which meets specification and is in the best interest to the City of Auburn.
6. All transportation charges, including expense for freight, transfer express, mail, etc. shall be prepaid and be at the expense of the vendor unless otherwise specified in the bid.
7. The terms and cash discounts shall be specified. Time, in connection with discount offered, will be computed from date of delivery at destination after final inspection and acceptance or from date of correct invoice, whichever is later.
8. The City is exempt from payment of Federal Excise Taxes on the articles not for resale, Federal Transportation Tax on all shipments and Maine Sales Tax and Use Taxes. Please quote less these taxes. Upon application, exemption certificate will be furnished with the Purchase Order when required.
9. Time of delivery shall be stated. If time is of the essence, the earliest date may be a factor in the bid award.
10. No contract may be assigned without the written consent of the Finance Director or her designate. The contract shall not be considered valid until a purchase order has been issued to the successful bidder.
11. Please state **"Training Building Repairs/Upgrades – Bid # 2017-026 "** on submitted, sealed envelope.
12. The City of Auburn reserves the right to waive any formality and technicality in bids whichever is deemed best for the interest of the City of Auburn.

GENERAL CONDITIONS**1. Equal Employment Opportunity**

The City of Auburn is an Equal Opportunity Employer and shall not discriminate against an applicant for employment, and employee or a citizen because of race, color, sex, marital status, physical and/or mental handicap, religion, age, ancestry or natural origin, unless based upon a bona-fide occupation qualification. Vendors and contractor or their agents doing business with the City shall not violate the above clause or the Civil Rights Acts of 1964. Violations by vendors shall be reviewed on a case-by-case basis and may mean an automatic breach of contract or service to the City of Auburn.

2. Save Harmless

The Bidder agrees to protect and save harmless the owner from all costs, expenses or damages that may arise out of alleged infringement of patents of materials used.

3. Subcontracting

The Bidder shall not subcontract any part of the work or materials or assign any monies due it without first obtaining the written consent of the municipality. Neither party shall assign or transfer its interest in the contract without the written consent of the other party.

4. Warranty

The Bidder warrants that all work will be of good quality and free from faults and defects, and in conformance with the specifications. All work not so conforming to these standards may be considered defective. The Bidder agrees to be responsible for the acts and omissions of all of its employees and all subcontractors, their agents and employees, and all other persons performing any of the work under a contract with the Bidder.

5. Time for Completion

The CONTRACTOR shall complete all work by June 30, 2017.

STANDARD SPECIFICATIONS

Scope:

The work covered by this section includes the furnishing of all labor, equipment, materials, incidentals and the performing of all operations in connection with the work encompassed by these contract documents. All work shall be subject to the terms and conditions of the contract documents.

SUPPLEMENTAL SPECIFICATIONS

Bid specifications:

Create two burn rooms in existing concrete fire training building.

(1) Room, 9' 6" x 9' 1" x 7' 10 1/2" high

(1) Room, 9' 6" x 9' 3" x 7' 10 1/2" high

Center divider between two rooms consisting of 4" steel studs and appropriate insulation and wall skin as indicated below for remainder of the room surfaces.

Manufacture two burn room doors. Doors for the burn areas shall be made with double skins of 18 gauge galvanized steel per ASTM A-924 with four heavy-duty hinges. The hinges shall be ball-bearing swaged mortise mount, 4" x 4" x 5/32" thick stainless steel, commercial grade. Doors will be provided as a 1-3/8" thick factory welded hollow metal assembly with a minimum of 3 vertical interior hat channel stiffeners and a14 gauge hinge reinforcement. A hollow metal welded assembly shall be used to prevent premature temperature warping that occurs on single sheet doors. Galvanized doors are required to prevent premature rusting. Framed opening studs/jambs shall be 16 gauge galvanized steel. Doors shall be provided with a galvanized hold open latch, a 6 1/2" door pull and an adjustable spring closure. Door sweep is to be provided to allow hose advancement even when door is closed to exterior of burn room. In addition, burn room doors shall be protected with 1" thick incombustible insulation panels mounted on the inside of the burn room. A 48" x 48" x 1" incombustible ceiling insulation panel shall be installed outside of each door opening at ceiling.

Manufacture two window shutters with frames:

(1) 39.5" x 31.5"

(1) 39.5" x 31"

Interior wall specifications will consist of a 2" thick insulating blanket with a protective stainless steel skin. Doors and window shutters will consist of a 1" thick insulating panel on the burn side of the doors and shutters.

The insulating blanket shall be rated for 2300°F and shall be unaffected by the application of water. The insulation blanket shall not crack or break, shall be free from asbestos, and shall not produce any toxic byproducts during the course of its intended use. The 2" thick insulation blanket shall have a maximum K value of 0.74 at 1200°F and 0.48 800°F.

The stainless steel face panels shall have a 3/4" maximum corrugation at 3 1/2" inches on center to allow for lateral expansion when exposed to high temperatures. The base material of the face panels shall consist of 304 stainless steel for corrosion protection and thermal performance at high temperatures. Panels shall be

attached to thermally protected channels with stainless steel screws. Stainless steel trim (type CCCIV) shall protect all wall and door/shutter openings and outside and ceiling corners. All face screws exposed to fire shall be stainless steel and the screws shall not protrude through the backside of the insulation blanket.

The stainless steel face panels shall not be restrained from expanding at high temperatures, but rather the interval system shall be designed to accommodate the panel movements without creating any buckling and warping of the panels. All panels and trim shall be screw-attached to allow easy maintenance and inspection without disrupting the system's ability to move.

Door and window shutter insulation panels shall be pretreated water resistant, free from asbestos, and shall not produce toxic byproducts in the course of their intended use. Insulation panels shall withstand a constant temperature of 1200°F and shall be unaffected by the application of water.

- Maximum service temperature for the insulation panels on door and window shutters is 1200°F continuous.
- Maximum service temperature of the wall and ceiling insulation systems is 1850°F continuous.
- Maximum insulating blanket service temperature is 2300°F continuous.

(4) Temperature sensing devices/thermocouples are to be provided for the interior of each burn room (8 total). The thermocouples shall be grounded and consist of fiberglass insulated wiring with sealed stainless steel probes. Ceiling thermocouples shall protrude into the area perpendicular to the ceiling while all stainless steel encased wall thermocouples shall only run parallel to the walls for safety concerns.

All material and workmanship/labor must be provided by manufacturer/installer. Labor will include the prevailing wage rate for Androscoggin County, Maine.

Electrical power will be provided by Auburn Fire Department/City of Auburn.

Warranty:

The wall-mount system, consisting of thermally protected channels, insulation panels, face panels, and all attaching hardware shall carry a minimum 15-year limited warranty. The warranty shall provide coverage against any break in the thermal barrier caused by cracking, breaking and/or spalling. The warranty shall also cover any damage caused by thermal expansion, thermal contraction, impact load, and thermal shock.

BID SUBMISSION FORM

The undersigned individual/firm/business guarantees to perform the necessary work as identified in the above information. The undersigned submits this proposal without collusion with any other person, individual, or firm or agency. The undersigned ensures the authority to act on behalf of the corporation, partnership or individual they represent; and has read and agreed to all of the terms, requests, or conditions written herein by the City of Auburn, Maine. By signing this bid form, the firm listed below hereby affirms that its bid meets the minimum specifications and standards as listed above.

Signature _____ Name (print) _____

Title _____ Company _____
Legal Name

Address _____

Telephone No. _____ Fax No. _____

Duns # _____ Email Address: _____

Federal Tax ID Number: _____

_____, SS. Date: _____

Personally appeared _____ and acknowledged the foregoing instrument to be his/her free act and deed in his/her capacity and the free act and deed of said company.

Notary Public _____

Print Name _____

Commission Expires _____

CERTIFICATIONS (for Corporations)

I, _____, certify that I am the _____,
_____, Secretary of the Corporation named as Principal in the within bond; that
_____, who signed the said bond on behalf of the Principal was then _____ of said corporation;
that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed, and
attested to for and in behalf of said corporation by authority of this governing body.

_____ (Corporate Seal)

Title _____

BID FORM

1. The undersigned further agrees that in the employment of labor and purchase of equipment or supplies, preference shall be given, all other things being equal, to the citizens and business of Auburn and of the State of Maine, in that order.

2. The undersigned hereby designates as its office to which such notice of acceptance may be mailed, telegraphed, or delivered: _____

4. Listing of Subcontractors: Company Name and Address

The undersigned agrees that each of the above named subcontractor represents a bonafide subproposal based on the plans and specifications and will be used for the work indicated.

6. The following separate prices are provided for portions of the work contained in the base bid (not in addition to it).

7. The undersigned proposes and agrees to furnish all labor, equipment, and materials, and appliances, and to perform operations necessary for, and reasonably incidental to the demolition and completion of the work as required by said proposed Contract Documents for the lump sum price as follows:

Training Building – 550 Minot Avenue	Amount
Total Bid	\$