



**Request for Bids
Building 456, Fuel Containment Building Modification**

**Purchasing Department
73 Harlow Street
Bangor, ME 04401**

Issue Date: August 12, 2016

I. Introduction

The City of Bangor requests bids for the modification of an existing building owned by the City from a fuel containment building to the new de-icing operation building at the Bangor International Airport.

II. General Information

General information is available on the City's website at the following web address: www.bangormaine.gov/proposals. By submitting a response to this solicitation, the bidder accepts the responsibility for downloading, reading and bidding by the terms and conditions set forth in the City's "General Information for Vendors".

III. Submission

To be considered, return the Bid Form and any other information the Bidder deems important in an envelope **clearly** marked "**Bid- Building 456 Modification**" by **2:00 P.M., Wednesday, August 31, 2016** to City of Bangor, Purchasing Department, 73 Harlow Street, Bangor, Maine 04401.

Bids may also be submitted via email by sending to: bids@bangormaine.gov. If emailing, please reference "**Bid-Building 456 Modification**" in the subject line. Bids will be publicly opened on the date and time stated above.

IV. Site Visit

A site visit/pre-bid meeting to view the building will be conducted on **Monday, August 22, 2016 at 10:00 A.M.** at the Bangor International Airport. Prospective bidders should park in short term parking and meet in front of the Domestic Terminal outside. Questions regarding the site visit should be directed to Luc Dionne at 992-4640. All other questions must be directed to the email listed in Section V.

V. Questions

All questions must be directed in writing to bids@bangormaine.gov no later than **4:30PM, Tuesday, August 23, 2016**. The City will issue a response to any questions or inquiries

submitted in writing by the date above, on or before **4:30PM, Thursday, August 25, 2016**. The response will be in the form of an addendum, which will be available on the City's website.

All potential bidders are encouraged to attend the site visit. Questions asked during the site visit will be answered immediately. Any questions that cannot be completely answered at that time shall be answered via an addendum.

VI. Rejection

Any bid, portion of a bid, or unrequested bid revision received at the City of Bangor Purchasing Department after the time and date specified will not be accepted.

The City of Bangor reserves the right to reject any and all bids, to waive any informalities or defects in bids or to accept a higher cost bid if it is deemed to be in the best interest of the City of Bangor. The City also reserves the right to negotiate with the lowest responsive Bidder as well as to move forward with only a portion of the anticipated work. The City reserves the right to contract with more than one bidder for this work.

VII. Award

The bid award will be based on one or more of the following:

- Prior history or experience with the Bidder, including general standing of Bidder in the industry;
- References;
- Cost; and
- Length of time to complete project

VIII. Background

The existing building is a pre-engineered metal structure, dimensions are 60' wide x 120' long x 22' eave height. Roof system is a 24 gauge standing seam roof panel, all exterior walls are 26 gauge screw down wall panels and the interior liner is also 26 gauge screw down wall panels.

The roof was installed with 6" thick insulation with an interior vinyl finish. All walls were installed with 4" thick insulation between the exterior siding and interior liner. On the south side wall, 4 framed openings exist, each opening is 26' wide x 14' high. On the North side wall, an opening exists the full length of the building to provide cross ventilation, this opening is 14" high x 120' long. There is electrical service in the building, 100 amp service. No water is available at this facility and no heating system was ever installed when it was built in 2004. PDF building drawings are attached to the RFP for your review.

IX. Information & Requirements

Bidders must provide the contact information for at least three references. References should speak to Bidder's ability and experience as it relates to them and this project.

A bid security is required consisting of a 5 percent (5%) Bid Bond, as well as Performance and Payment Bonds, each in the amount of 100% of the value of the work.

All Federal and State taxes must be excluded from the bid price. A tax exemption certificate for the City of Bangor shall be furnished to the successful Bidder upon request.

X. Scope of Work

The intention of this project is to change the use of the building from a fuel containment building to the new De-icing operation building at the BGR Airport. Modifications to the building is required to achieve our goal and are stipulated in the following scope of work:

A. Building envelope-

- Enclose the cross ventilation opening in the north sidewall with metal siding & interior liner panels and trim to match existing. Apply 10" insulation in the cavity between both wall panels.
- Insulate the entire ceiling, 60' wide x 120' long with 10" insulation installed between purlins with a reinforced white vapor barrier exposed inside. Recommend using the Simple Savor insulation system manufactured by Thermal Design or approved equal. Specification sheet and contact information is attached.
- On the south side wall are four (4) existing framed openings, each opening is 26' wide x 14' high. Supply and Install a sectional door in each opening. Each door will have an R-value of R-17, one (1) row of glass, high lifted 4', side mount automatic operator, and 2 push button remote control opener for each door.

B. Water Service-

- Install a new 315' feet of 6" water main to building 456 and connect to the existing 8" main near the hydrant located off Godfrey Boulevard next to building 457. The 8" main is approximately 5'-10" deep.
- Core drill foundation at north west corner of building 456 to allow new water main riser into the building, backfill and replace slab area accordingly.
- Please add allowance for Bangor Water District inspection/connection supervision.

C. Heating System-

- The proposed heating system for this facility will be a Thermo Cyclor hot air furnace manufactured by Thermo-Cyclor Industries, Inc., Model OTC400 oil fired heating unit.
- Please find attached to this RFP the specifications and contact information.
- The thermos-cycler will be located on the north side wall of the building approximately 75' in from the northwest corner.
- The airport will furnish the 330 gallon fuel tank, contractor to install tank, piping to the thermo-cycler, and 8" stack through the building roof.

D. Electrical-

- The existing service is 100 amp 208 volt 3 phase GE power supply panel.
- Contractor is responsible for running power to all four (4) overhead doors, and the thermo cycler furnace.
- There are 8 metal halide light fixtures in the ceiling, all eight junction boxes will have to be lowered and re-attached to the underside of the purlin under the new ceiling insulation assembly after completion.



Bid Form

Bid Deadline:
Wednesday, August 31, 2016
2:00 P.M.

Note: Work must be bid by using this Bid Form. Failure to comply may result in disqualification.

| Item | Description | Qty. | Unit | Total Price |
|---|-----------------------------------|------|-------------------------------|-------------|
| 1 | Modification of existing building | 1 | Lump Sum | \$ |
| <i>Price must include all charges: labor, personnel, materials, freight, fuel, transportation etc. No other charges will be accepted.</i> | | | | |
| Warranty: All materials and labor: | | | after acceptance by the City. | |
| Number of days to complete the work upon receipt of a purchase order: | | | | days |

| | | | |
|--------------------------|--|--------------|--|
| Business Name: | | | |
| Street or PO Box: | | | |
| City, State, Zip: | | | |
| Telephone Number: | | | |
| Email Address: | | | |
| Contact Name: | | | |
| Title: | | Date: | |



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Tools

- CodeFinder by state (http://www.thermaldesign.com/techinfo/category/codes_standards/code_finder)
- CodeAnalysis (<http://www.thermaldesign.com/techinfo/codeanalysis>)
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- Warranty (http://www.thermaldesign.com/products/category/simple_saver/warranty)
- Installation (http://www.thermaldesign.com/products/category/simple_saver/installation)
- Items To Consider (http://www.thermaldesign.com/products/category/simple_saver/items_to_consider1)
- Photo Gallery (http://www.thermaldesign.com/products/photo_gallery/photo_gallery)

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SPECIFICATIONS:



| | |
|----------------------|--|
| Unit Size..... | 45" x 45" x 11'1" |
| Ship Weight..... | Approx. 1550 lbs in 3 Sections |
| Electrical..... | Premium Efficiency 1 Hp/115V, Totally enclosed motor |
| Burner..... | Beckett® - 400 Mbh Input |
| Oil Firing Rate..... | 2.9 GPH No. 1 or No. 2 Heating Oil |
| Flue Collar..... | 8" ø approximately 8'4" above floor |
| Controls..... | Factory mounted including setback controls |



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