

Greenhouse Gas Emissions Reduction Fund

FINAL REPORTING
Fremont Safety Complex

1.0 Program Title

Energy Cost and GHG Reduction
Fremont Safety Complex
Police, Fire & Rescue, and Emergency Management Building

Town of Fremont
425 Main Street
Fremont NH 03044

The Town of Fremont vendor number applied to this project was 159867.

2.0 Program Type: (as taken from grant submission)

This program is consistent with PUC 2604.01(c) and more specifically aligns with the following PUC specific program types¹:

item # 2:

“...Weatherization of NH residential housing and commercial building stock”

item #7:

“...Programs to increase compliance with the building energy code”

item #8:

“...Programs to improve the electric and thermal energy efficiency of new and existing residences and commercial buildings”

item #10

“...Education, outreach and information programs that promote energy efficiency, conservation, and demand response.”

¹as taken from GREENHOUSE GAS EMISSIONS REDUCTION FUND, REQUEST FOR PROPOSALS FOR PROGRAMS TO REDUCE GREENHOUSE GAS EMISSIONS IN NEW HAMPSHIRE and ISSUED FEBRUARY 23, 2008

3.0 and 4.0 Summary of Work Completed and Overall Project Summary:

This was a simple, non-technical project, task-related project for improving the insulation performance at the Fremont Safety Complex.

The work completed was consistent with the initial scope of work and is reported here in more detail as specifically being:

- Apply un-faced R-30 insulation accessible spaces
- Apply R-38 insulation to the area of the mechanical room
- Provide foam board, rafter vents, and repairs rafter areas as needed
- Repair & replace as necessary in area of suspended ceiling
- Verify existing value and apply minimum R-30 additional insulation
- Insulate and otherwise seal area penetrations – such as attic hatch, plumbing, etc
- Perform other insulating improvements as observed during the work

The work was performed under a bidding process and selection of the low bidder for the project. The Town prepared an RFP for the project (copy enclosed), which was advertised in the Union Leader and in the Town's monthly newsletter (copies enclosed).

The project was awarded \$8,000.00 for the work as planned. The total cost of the project was \$7,830.00, within the grant award. (See previous reporting and invoicing information as submitted by Heidi Carlson, February 14, 2010).

The project was completed in a timely fashion following completion of the RFP and award of the project to a contractor.

Overall benefit to the Town will be a reduction in energy costs for this Town building, the largest of all of the Town's operated buildings.

The nature of this project was such that it resulted in a task or project oriented environment resulting in quick disposal of the work and immediate closure to the project.

5.0 Job Creation:

No permanent jobs were created due to this project. The Town contracted with Chey Insulation of Canaan New Hampshire for completion of the work as detailed.

6.0 Obstacles encountered or milestones not reached.

To some degree the bidding process and supporting funds required selection of the low bidder to complete the work as initially planned. At times the selection of the low-bidder may effect the quality and performance of the overall project due to competition pressures imposed by such bidding; leaving unfunded and unsupported work or task improvements discovered along the way.

The Town did get the specified work completed. The original proposal totaled \$7,080 and the Town did a change order for \$750 to include additional strapping. The total project cost was thus \$7,830.00.

7.0 Beyond the Contract - Other notable aspects of this project.

A news release was drafted but has not been released to-date. The Town did include a news note in the Town of Fremont December 2009 monthly newsletter regarding the grant award.

In conjunction with another award, which began with the planning of the PUC RGGI Grant, the Town was able to also complete some solar panel array work that was not included in this grant from the NH Public Utilities Commission Regional Greenhouse Gas Initiative. To further that initiative, additional grants have since been received (but not yet completed) for solar panel and solar hot water work at the Fremont Safety Complex.

The Town has worked with Freedom Renewable Energy on the solar panel project and currently has the energy information available on line through Enphase Energy. The following link will provide information and data on the Building:

<http://enlighten.enphaseenergy.com/public/systems/Gp6A3432>

8.0 Other Materials

Attachments as noted related to the project are attached to this report.

9.0 Budget Performance.

This project was completed as planned within the limits of the funds as awarded. The project was awarded \$8,000.00. The total cost of the project was \$7830.00. An updated budget spreadsheet it also enclosed. (See also previous reporting and invoicing information as submitted by Heidi Carlson, February 14, 2010).

FINAL REPORTING

Vendor Number
Name & Location

159867
Town of Fremont
PO Box 120
Fremont, NH 03044

Item #	Work Description	Amount Budgeted (a)	Amount Spent	Difference	Notes (b)
		\$ 8,000.00	\$ 7,830.00	\$ 170.00	The Town bid the specified work and
1	un-faced R-30 insulation to accessible spaces	\$ -	\$ -	\$ -	the low bid was below the \$8,000 grant.
2	R-38 insulation to mechanical room	\$ -	\$ -	\$ -	The Town had the work completed
3	foam board, rafter vents, repairs as needed	\$ -	\$ -	\$ -	and paid the vendor a total of \$7,830 for
4	repair/replace as necessary in area of suspended ceiling	\$ -	\$ -	\$ -	the project as specified.
5	verify existing value and apply minimum R-30 additional	\$ -	\$ -	\$ -	
6	insulate and otherwise seal area penetrations - such as attic hatch, plumbing, etc	\$ -	\$ -	\$ -	
7	other as observed during work	\$ -	\$ -	\$ -	
		\$ -	\$ -	\$ -	
Total		\$ 8,000.00	\$ 7,830.00	\$ 170.00	Cost under budget

(a) from the budget submitted with your proposal

(b) please provide explanation for budget differences

*the detail item descriptors are provided to expand on the work effort being performed and provide specific parameters for the work being performed and in no way attempt to list all the task associated with the project.