

Center Harbor Energy Committee Minutes of Meeting – 7 September 2017

Attendees: Annette Nichols, Carol Sullivan, Chris Williams, Bernie Volz, and Selectmen Representative Richard Drenkhahn. Also, Jeffrey Haines.

Annette called the meeting to order at 7:02 p.m.

On-going Business:

Approval of Minutes. The minutes of the meeting of August 10th were approved.

Library Lighting Upgrades Project. Annette announced that the lighting materials will be delivered to the library on Thursday September 14th or Friday September 15th and that the installation work will start on Monday, September 18th. The library has announced that it will be closed the week of September 18th. Richard indicated that the invoice had been received, and Annette stated that as agreed, it will be held until the materials are received. Annette will continue to follow this project.

Town Garage Energy Savings Opportunity. The committee and Jeff reviewed the spreadsheet Bernie developed (with some feedback from Carol). Many issues related to the vendors and particulars of the responses were discussed and how the committee should proceed.

The committee agreed to proceed as follows:

1. **Bernie** to develop and send a note and request to the 4 responders to thank them for responding and indicate that the Town plans to proceed only with item 1 (insulating the concrete foundation walls) for now, and needs to investigate whether the building can support the snow load, and potentially raise more funds before proceeding with other elements, in particular the air sealing, wall and ceiling insulation. The note will ask them to quote just item 1 from original RFP as follows:

Insulate the concrete foundation walls (for the heated portion of the garage and fire station) with R-26 (fire rated) polyisocyanurate:

- a. Two layers of 2 inch polyisocyanurate are to be added to the foundation walls, each piece staggered to eliminate potential for gaps.
- b. The outside (exposed) piece of foam must be fire-rated.
- c. All seams and exposed edges to be foamed and covered with tape.
- d. Insulation to be covered with ½" CDX plywood.

The proposal MUST specify the method to be used to attach the insulation to the concrete walls.

The proposal MUST specify how the concrete wall with the existing plywood "tool" rack will be handled (see photo in original RFP on page 12, titled "Close up View of West wall (interior)").

The proposal MUST be based on the following payment terms: payment in full will be made within 15 days after acceptance of completed work and invoice (whichever is later).

2. **Carol** to follow up with John as CSI Engineering to determine the heat recovery /

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ventilation unit that would be required. Bernie will also check with a mechanical engineer he knows.

3. **Bernie** to develop an RFP for structural engineering services to evaluate whether there would be snow load issues with the Garage building if the insulation of the walls and ceilings was done.
4. **Chris** to provide Bernie appropriate wording to use in the RFP and also a list of structural engineering firms to which to send the RFP (<http://www.quantum-cc.com/> was one such firm).
5. **Carol** will check some references supplied by one of the responders as no one had any experience with them.
6. Bernie will start a request for quote for replacing the 2 entry doors as we need to get 3 quotes, and distribute. Everyone is encouraged to supply details about those we should notify about the quote.

New Business:

None.

Other Business:

Items tabled as per agenda until a future meeting.

Homework for future meeting. Members are asked to:

1. Review the Master Plan's Energy Chapter (available at <http://www.centerharbornh.org/planning-board/files/master-plan-chapter-8-energy>).
2. Review the handout that should go with building permits developed a while back by the Energy Committee - https://www.centerharbornh.org/sites/centerharbornh/files/uploads/energy_tips.pdf.

The meeting adjourned about 8:10 pm.

Next meeting is tentatively scheduled for October 5th, 2017 at 7:00 pm.

Respectfully submitted, Bernie Volz, September 11th, 2017.