

Town of Hingham Public Safety Facility Building Committee Meeting Notes



Thursday, May 5, 2022 7:00 PM

Call to order (7:03 PM)

Roll call –

| | | | |
|--------------------------|------------------------------|--------------------------------|----------------------|
| Bob Garrity* (BG) | Tally Lauter* (TL) | Andy Touchette* (AT) | JR Frey (JRF) |
| Paul Healey* (PH) | Bruce MacAloney* (BM) | Chief David Jones (DJ) | |
| Joe Kelly* (JK) | Donna Smallwood* (DS) | Chief Steve Murphy (SM) | |

*voting member, Bold: present

Guests:

- Kaestle Boos Associates (KBA): **Sean Schmigle, Keith Mercy**
- Hill International (Hill): **Paul Kalous, Susan McCann**
- Hingham Net Zero (HNZ): **J Borger, M Reive**
- **David Petiti**
- Ryan O'Shea

APPROVAL OF MINUTES FROM 4/21/2022

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| Motion to approve the meeting minutes from 4/7/22 | |
| Motion made by | PH |
| Seconded by | TL |
| Discussion | Attendance to be updated to reflect that PH and JK were not present. Update: Hill has applied requested updates to reflect updated attendance. |
| Vote | Unanimous |

RECAP OF TOWN MEETING

Request for funds for CD and bid docs \$1,585,380 was approved unanimously.

Nancy MacDonald did a great job providing the status and the purpose of the funding request.

AUTHORIZATION TO CONTINUE DESIGN AND OPM SERVICES

Town has approved moving forward.

| | |
|---|---|
| Motion to authorize continuation Construction Design and Bid Document for Hill and KBA | |
| Motion made by | BG |
| Seconded by | TL |
| Discussion | Traffic Study: Committee urged the designer to expedite the process. <ul style="list-style-type: none"> • BG - Request a regular update on these items • Hill to add this to meeting agendas for the next few months |
| Vote | BG, PH, TL, DS, JK, AT, unanimous |

PRELIMINARY REVIEW OF KBA RESPONSES TO HNZ REQUESTS

BG – Summarized activity to date:

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water. KBA

1. Early April mtg with HNZ – Geothermal wells to supplement domestic hot provided a detailed response. \$76k in engineering costs + KBA markup \$8k to determine feasibility.

Sean/KBA – Geothermal wells

- Feasibility
- Additional design costs
- Possible, but large design fee and associated construction costs
- Drill a test well to understand what is available, determine how many wells are necessary.
- CES breakdown 32k 8k 15k docs, construction admin 63,900 + BER work to incorporate into the existing plan \$8k + KBA markup.

2. April 19th – second suggestion from HNZ – Mitsubishi heat pumps that would not require ANY geothermal. KBA approved to investigate this option ahead of the wells option. KBA did some research and came back on 4/29 with a short summary. Summary has raised some questions on the product.

Sean/KBA – provided the following Mitsubishi overview

- BER reached out to Mitsubishi directly. Information from the representatives indicated that this product is for domestic use only, not sufficient for AC loads and that there would still need natural gas for the boilers. Not sufficient to heat the building.
- Mitsubishi’s commercial device is not ready for market in the US or widely used.
- Use of these devices would increase the electrical load and tip the service size from 2000 to 3000 amps, which would potentially require custom equipment. A custom system will be a LONG LEAD item (could be as much as one and a half years), which would likely delay the project.
- Could not provide a cost at this time, buy back info needs to be analyzed further.
- If this is not feasible, puts us back at looking at geothermal

HNZ representatives encouraged project team to continue to investigate.

BG – suggest that perhaps we need to have another subcommittee session

Next step: set up a meeting next week on either the 11th or the 13th

BUDGET OVERVIEW

- BG wanted to have a way to present the budget in a simple fashion
- Sent a one-pager to committee last week.
- Reaction from Committee Members:
- Tabled for this meeting – discussion on the next agenda

Now that town has voted, the line items for construction documents and bidding should be indicated as funded or appropriated on to the budget.

INVOICES FOR APPROVAL

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|--|----|
| Motion to approve Hill International invoice #12 in the amount of \$10,170.00 KBA invoice #15 in the amount of \$19,800.00 for April 2022 | |
| Motion made by | BG |
| Seconded by | TL |
| Discussion | |

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| Vote | PH, JK, DS, TL, AT, BG - Unanimous |
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NEXT MEETING

5/19/2022 7 PM Remote

Future meeting to be remain remote until further notice.

ADJOURN (8:56)

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|--|------------------------|
| Motion to adjourn meeting at 8:56 PM. | |
| Motion made by | TL |
| Seconded by | PH |
| Discussion | None |
| Vote | PH, JK, TL, AT, DS, BG |

Approved 6/2/22