

## Wilmington Public Safety Facility Meeting

May 28, 2020

In Attendance: Chuck Clerici, Chief Matt Murano, Chief Scott Moore, Melanie Lopez, Jeremy White

Absent: Dennis Richter

NBF Architects: Ralph Nimtz, Casey Gecha

Engineers Present: Daniel Dupras P.E., Claus Bartenstein P.E.

Public Present: Bill Spirka, John Lazelle, Jessica Lee Smith

Chuck called the meeting to order at 2:03pm.

Discussion on new meeting time and standing agenda.

### Public comments

None.

### Review & accept minutes

Approve Minutes of 5/14/2020 Motion: Chief Murano, Second: Melanie, All in favor

### Discuss project details & timeline

Casey gives update on bid timeline- bids should be received by Mid-December. GC's have been contacting NBF, plenty of interest in project. CAD drawings have been updated with grade variations for civil engineer. Discussion with structural engineer ongoing regarding support of Sally Port and concrete slab.

Discussion on any project cost variations being brought to the attention of all fire and police Chiefs. NBF has been working closely with chiefs, will be mailing full scale drawings. Basic layout and building plan recommended to undergo minimal changes once engineers get involved.

Discussion on electric being sole power source. Discussion on making efficient building and the different efficiency variations expected to be represented in bids. Chuck outlines that there should be 3 different efficiency variations presented: Option A) Vermont Energy code compliant; Option B) Net Zero code compliant; Option C) Somewhere in between Option A and Option B.

Discussion of geothermal system. Hydrogeology study needs to be done to estimate system cost, recommendation to use Steve Rowell. Purpose of well(s) in system would be to pump groundwater that is naturally kept at 45-50° through building using heat coils / radiant floor heat. Would create 3 watts of energy per watt input, thus make building energy efficient. Ralph to contact Steve about getting study done.

Discussion on insulation cost variations. Casey presents that there are new, more stringent insulation standards to the Vermont Energy Code going into effect in September-NBF will be going by these standards.

Claus (Electrical Engineer) will need the group to identify what mechanical systems will be present, coordinate their locations and present equipment to be used. Engineering Services of Vermont has recently done engineering work for other firehouses and are familiar with needs.

Dan Dupras (Mechanical Engineer) will need plans for anything that will need special power usage, extractors, washing machine, compressors, water heater etc.

Discussion on having some sort of rainwater collection/cistern that can be placed under/near apparatus bay to be used to fill trucks. Dan says that Killington had a similar proposal and the cistern placement became expensive. Chuck presents that feasibility of cistern is a question for the design team-NBF to speak with Brian (civil engineer).

### New business

None

Meeting adjourned @ 2:49 pm

Next meeting is scheduled for June 11, 2020 via Zoom at 2:00 p.m.

Respectfully submitted,

Melanie Lopez

Secretary