

Town of Kingston, NH

Fire Station Building Committee

AGENDA

Meeting of June 9, 2021 6:00 pm

Kingston Fire Station

1. Call to Order at 6:03 pm by Chair Mark Furlong. Present are Kent Walker, Chief Graham Pellerin, Don Briggs, Rich St. Hilaire, Chuck Hart. Excused: Andrew Berridge Absent: Tom Roughan. Also joining via Microsoft Teams are Jeff Parks (Bauen Corp), Anthony Mento (SMP Architects), Richard Parks (WV Engineering).
2. Old Business
 - a. Approve minutes of May 12, 2021: motion to approved minutes by Kent, second by Graham, motion passed unanimously (PUNA).
3. Construction Update: Jeff Parks provided an update on the construction progress; the wet well for the cistern is being installed this week and he praised the work of Mark Viens (excavation contractor) for their handling of this part of the project and the amount of dewatering that was required to get this installed.. The footings for the administrative side of the building are in and the small basement area has also been built along with some of the supporting beams. Footings for the truck bay side of the building will be poured starting next week. Delivery of the cistern has been delayed until late July which is better than the original August date provided by Highland Tank. Chief Pellerin also commented on the progress and how well the crews are working together as he is out there every day taking pictures, etc.
4. Old Business
 - a. Update on well water contract: Chief Pellerin updated the Committee on the work needed for repurposing the existing well to continue to use for the new building; the utilities needed (water pipes and electrical conduits) have been installed during the sitework and we are waiting for a revised quote from the vendor to reflect some additional changes in scope recommended by the vendor (potential cost savings). This won't be needed for a while and the critical work has been done for now.
5. New Business
 - a. Review revised standby generator specification: Kent Walker began a discussion about an issue with the sizing of the standby generator; due to an oversight by the engineering firm the load calculations did not include the electrical load for the fire pump. The construction team including Bauen, SMP, WV Engineering and Chief Pellerin, Kent Walker, Rich St. Hilaire met during one of the construction team meetings to review this information and discuss ways to resolve this. The original specification for the generator was for a 150 KW propane fueled generator. The resized generator requires 250 KW due to the size of the fire pump motor (particularly the startup current). Options that were explored included a 250 KW propane generator (\$ 102,635); 250 KW diesel generator (\$ 76,549), 200 KW diesel generator (\$ 68,595); these are all compared to the original cost of \$ 47,645. The group also explored the idea of not having the fire pump on backup power which might be allowable under NFPA 20 if we can demonstrate that the fire station site has "reliable power"; the group went through the analysis of meeting reliable power and it could be accomplished but the best option for the Town is to have the fire pump on the

backup generator since it will supply the Town Hall and the Nichols Library/Museum building in the future. There was also discussion about diesel being preferred fuel once the generator size goes above 200 KW due to the cost and the difficulty of having an adequate fuel supply for seven days which is required for the Emergency Operations Center in the new fire station.

Motion was made by Rich St. Hilaire to approve the change to a 250 KW diesel generator, second by Kent Walker, PUNA. Additional motion by Don Briggs to take the additional cost (\$ 41,229) out of the Owner's Contingency, second by Chuck Hart, PUNA.

6. Set next meeting date: July 14, 2021 at 6 pm to include construction site tour
7. Adjourn: motion to adjourn by Rich St. Hilaire, second by Kent Walter, PUNA. Meeting adjourned at 7:05 pm.