

RHINEBECK CENTRAL SCHOOL DISTRICT/FACILITIES COMMITTEE

Minutes of Meeting of April 18, 2017

Present: Mark Fleischhauer, Deirdre d'Albertis, Lisa Rosenthal, Joe Phelan, Tom Burnell, Sheldon Tieder. Invited Guests: Rich Michel, Steve von Schiller and Tom Farlow (Tetra Tech).

Agenda: Discussion of progress on capital project and changes to scope.

1. Steve von Schiller, the electrical services design coordinator at Tetra Tech, discussed various issues:

- Regarding the generator to be installed at the RHS/BMS building, Steve described the electrical service to the building, including the three separate service points (a result of various renovations to the building over the years). The building is “primary metered” to the district from the Central Hudson pole. Tetra Tech will design a consolidated service plan. The generator will be placed in the grassy area behind the building. It will be fenced in on all sides and barricades will be set up to prevent unauthorized entry. The generator will have its own diesel fuel tank with 2-3 days’ worth of run time at a full load.

- Regarding lighting, Tetra Tech and the administration agreed that the emergency lights operating on battery power in the corridors will not be replaced, but they will be fitted with LED lights that have a longer lifespan and are more energy efficient. Generally, all of the lighting fixtures throughout both buildings will be refitted for LED lighting but the total number of fixtures may be reduced; this won’t result in a diminution of light, since the LED lights cast more light than the incandescent and fluorescent bulbs now in place do. The fixtures will have “light harvesting” switches with automatic dimming and brightening, reactive to ambient light. Tetra Tech expects this to save the district about 1/3 over its current electric lighting costs.

- Regarding solar power and the potential expansion of the demonstration project in light of the anticipated retirement of the Indian Point power plant, the demonstration project will not pay for itself. Tracking of the path of the sunlight is available but more expensive and may not be worth the additional cost in terms of additional power obtained. SED will not aid any solar project that is more than 10 kilowatts. Tetra Tech and the administration agreed that they cannot accurately predict the likely future costs of electricity to the district, and therefore they cannot give any reliable opinion on whether the cost of increasing the amount of solar power capability would result in savings to the district in the long run. (This may be a question for the long-term planning committee to add to its list.)

- Regarding security and phones, the new systems need to be able to “talk to each other” for maximum effectiveness. Sheldon wants to be able to check on the security cameras in real time. Intercoms will be placed at the district office door, loading dock and main entrance at RHS/BMS, and at the main entrance, loading dock and rear door (near Marvin’s office) at CLS. There are to be ID card readers on all the perimeter doors at both buildings. All doors will initially be computer monitored for opening and closing, with the

capacity to add video monitoring later. There was a brief discussion of the pros and cons of installing interior hallway security cameras, but no conclusions or recommendations resulted.

2. Rich, Tom and Sheldon updated the Committee on lockers. Tetra Tech advised the district that it is required that there be 8 feet between the corridor walls with lockers on both sides of the hall open, per SED regulations. The 9 inch lockers that the initial plans called for do not allow for the required distance, and SED will not grant a variance to the distance requirement. It may be necessary to refurbish the existing lockers instead of replacing them, but Tetra Tech is still reviewing options and expects to report further to the Committee on this subject at the next meeting.

3. Tom Farlow, the site work design coordinator at Tetra Tech, discussed site work issues.

- Regarding the scope of the site work at CLS, Tetra Tech is looking at rehabilitating the soccer field, with upgrades to the septic system paving. Sheldon wants to add an underground utility survey for electrical and plumbing conduits, septic conduits, and so forth, as that would be useful to his department for future work. Tetra Tech will review the geotech survey to assess the soil and make sure the fields are and will be healthy. Some regrading of that field will be needed to allow for good drainage.

- Regarding the scope of site work at RHS/BMS, the track will be resurfaced but maintain the current configuration, as the track surface has reached the end of its useful life. The 3 triple jumps will be removed and replaced with a long jump and a triple jump. The high jump will be resurfaced. Some maintenance pavement will be installed. For the stone inside the track, Tetra Tech could design it to either dig a trench drain or remove some stone and cover the area with dirt. The cost differential is substantial: \$130,000-\$150,000 for the trench versus about \$50,000 for the other option. Either option would be workable in Tetra Tech's view.

- Regarding the work on the parking lots at RHS/BMS, Tetra Tech would repave the student lot, which is in poor condition, and the intersection near the current speed bump, and would widen the driveway up to the student lot to improve passage and sightlines. The catch basin at the bus parking area needs to be repaired or replaced. As a potential item of alternate work, Tetra Tech suggested repaving up to the front entrance and the circle, and replacing the curbing at that location. Tetra Tech also suggested changing the configuration of the front steps to better incorporate the new ramp. Doing so might change or eliminate the need for staircase railings, depending on the overall design of the new stairs.

- Regarding irrigation, the rear field hockey and JV soccer fields are included in the base bid. The discussion of this item was tabled due to time constraints, but will be taken up again at the Committee's next meeting.

Next Meeting: May 16, 2017 at 1 P.M.

Dated: May 5, 2017

Respectfully submitted,
Lisa Rosenthal