

The November 29, 2016 Special Meeting of the Greater Hazleton Joint Sewer Authority was called to order by Chairman George at 7:00 PM. All in attendance gave a pledge of allegiance.

Roll Call:

Boyarski – Absent

Cuozzo – Absent

Fay – Present

Fayock – Absent

George – Present

Grink – Present

Milot – Present

Sherrock – Present

Also in Attendance:

Christopher Carsia – Director of Operations

Gregory Olander – Operations Manager

Andrew Nowak – Field Operations Manager

Attorney Joseph D. Ustynoski – Solicitor

Rachel Govelovich, P.E. – Gannett Fleming

Jeffrey Raffensperger – Gannett Fleming

PUBLIC COMMENT

There was no public comment.

Rachel Govelovich began a Power Point presentation that summarizes the engineering authorizations for the 2008 WWTP Upgrade Project and Incinerator Project. She said the previous authorizations that Gannett Fleming received were for the WWTP Upgrade and Incinerator preliminary design, final design, and bid phase services with an agreement amount of \$2,320,000 and the construction management in the amount of \$1,650,000 for the WWTP Upgrade only. She said the WWTP Upgrade design and bid phase services are now complete and Incinerator Procurement has also been completed. She stated that Construction Management of the WWTP Upgrade is nearly complete with only final closeout of the project remaining. Rachel then summarized the phases of the Incinerator Project. She said the procurement design and bid phase services are complete, the equipment is procured, the Air Quality Permit has been received from DEP, and the additional air quality equipment has been procured. She then reported on the work being performed for the Incinerator Installation noting that submittals are being reviewed and modified because they will be used by the contractor during bidding and construction phases. Rachel stated that design and installation responsibilities are being confirmed between Gannett Fleming, Suez, and the contractor (once the project is awarded). She said a preliminary site layout of major facilities has been completed, design of centrifuge and ash vacuum filter systems are being coordinated with equipment suppliers, and the geotechnical investigation plan is being developed.

Rachel reviewed the budget for design and construction management services. She said there is \$406,469 remaining in the original budget for design and bid phase services for the WWTP Upgrade and Incinerator Project and there is \$62,692 remaining in construction management for only the WWTP Upgrade. She then outlined the work that still needs to be completed for the Incinerator Installation Project. She said there is an extensive level of effort needed to complete the design, which will include about 96 drawings from several engineering disciplines, including: Electrical, Architectural, Structural, Permitting, Process, Mechanical, Civil, and Instrumentation. She said there are hundreds of valves, gages, and instruments that need to be incorporated into the design. She anticipated advertising the Incinerator Installation bid in early spring.

Chairman George asked how many specialty contractors do this type of work in this area. Jeffrey Raffensperger responded that the overall project would require four different contracts to be bid. Rachel stated that the qualifications in the bid specifications could be more stringent or the Authority could pre-qualify contractors to ensure they have experience installing incinerators. Rachel then reviewed the concept layout including construction of a new building and a few pavilions to house some of the equipment. Board Member Milot asked management if the employees would be able to

handle the operation of the incinerator. Gregory Olander responded that training of employees is mandated in the regulations by EPA. He said proper training is very important and it is being worked into the bid specifications to ensure employees are properly trained initially and that their training is renewed annually.

Rachel informed the Board that the level of effort to complete the engineering design and bid phase services has been estimated at \$609,900 beginning October 1, 2016. She said since there is \$406,469 remaining from the initial agreement, Gannett Fleming is requesting an amendment to the original agreement in the amount of \$203,400 to complete the design and bid phase work. She stated that there were several reasons for the additional amount including: an extensive air permitting effort (\$244,000), additional equipment added to the design (GAC, WESP, Radiation Monitoring, Centrifuge, and Ash Vacuum Filter), and drain modifications necessary to return the scrubber and ash filter water to the headworks. She stated that design is estimated to be about 4.8% of an anticipated \$16.5 million project, but designs for other projects of this size are usually in the 6% range.

Board Member Grink noted that he is concerned that some of the equipment will not work properly because it has been in storage for several years. Jeffrey Raffensperger responded that there is a possibility of bearing replacements on some of the items and all equipment needs to be inspected prior to construction. He said the procurement contract states that the warranty period begins when the equipment is started. There was a discussion on the possible need for an additional generator dedicated for the incinerator and ancillary equipment. Board Member Grink then asked if the total amount estimated for the installation could be higher than originally thought. Jeffrey responded that the original estimate of \$4 million was a historic number used before additional air quality equipment, a centrifuge, and building structures were added to the design.

The Gannett Fleming representatives exited the meeting at this time.

Attorney Ustynoski clarified that Gannett Fleming is asking the Board to approve Amendment #2 to the Agreement for Technical Engineering Services in the amount of \$203,400.

Sherrock & Grink moved to adjourn. Passed: Aye-5, Nay-0, Absent-3
The meeting was adjourned at 8:01 PM.

Respectfully submitted,
Greater Hazleton Joint Sewer Authority



Gregory Olander, Assistant Secretary