

GLENBARD WASTEWATER AUTHORITY

Executive Oversight Committee

Agenda

Thursday, May 14, 2009

8:00 A.M.

**Meeting will be held at the Glenbard Wastewater Plant
21 W 551 Bemis Rd, Glen Ellyn, IL**

- 1.** Call to Order
- 2.** Roll Call
- 3.** Public Comment
- 4.** Consent Agenda

- 4.1** Minutes from the April 20, 2009 EOC Meeting
- 4.2** Vouchers previously reviewed by Trustee Hartweg
- 4.3** Konica-Minolta Copier/Fax/Printer Purchase

As technology has advanced at GWA, there is one area where the advancement has been slow, namely the use and maintenance of 3 different pieces of office equipment, a Hewlett Packard color laser printer, fax machine and a Konica-Minolta copier. Two of these (the HP and fax machine) are more than 8 years old and are starting to show their age, while the Konica Minolta copier is starting to show wear and tear from usage, as we have made this machine the facility's primary printer in addition to the main copier.

GWA would like to recommend the EOC authorize the purchase of this Konica-Minolta Copier in the amount of \$14,181.00 from Konica Minolta utilizing the funds budgeted in the FY2010 Capital Expenditure Item 40-580120 Small Capital Improvements (\$15,000).

- 4.4** Utility Vehicle Purchase

After contacting several Bobcat Dealers in Northern Illinois to obtain quotations, it was found that Bobcat provides exclusive dealer sales areas, and this limits quotations to Atlas Bobcat, 5000 North River Road, Schiller Park, Ill, 60176. Atlas was the 2009 supplier for the unit currently in service, and a quotation in the amount of \$15,924.00 is attached. This represents a savings of \$4,076.00 from our budgeted estimate.

GWA would like to recommend the EOC authorize the purchase of this vehicle from Atlas Bobcat in the amount of \$15,924.00 from the funds budgeted in the FY2010 Capital Expenditure item 40-570155, Rolling Stock (\$20,000).

- 5.** Lombard CSO Barscreen Rehabilitation

The Glenbard Wastewater Authority employs E&I Corporation Bar Screen system located at the Lombard Stormwater Facility to remove materials larger than 1 1/2" from combined sewage influent prior to our four (4) main Raw Sewage Pumps transferring it into the

treatment systems. The original equipment manufacturer (OEM) E&I were consulted to evaluate the Bar Screen for complete rehabilitation. It was their recommendation that the left and right bar racks, head sprocket and chain should be replaced. While the chain is currently in working condition, many of the chain link bearing and rollers are inoperable or severely worn. The rake bars appear in excellent condition, and will not require replacement. The approved FY2010 budget includes rehabilitation of this Bar Screen in Capital Improvement Division 40, Equipment Rehabilitation Account 580150, with \$70,000.00 budgeted. This budgeted amount includes contingency funds for crane rental, required mounting hardware, and other unanticipated materials and equipment required to complete this rehabilitation. It is currently assumed that the Maintenance Group will undertake bar rack demolition, chain removal and replacement, and bar rake removal and reinstallation, and sprocket replacement.

Motion the EOC award a contract to the OEM manufacturer E&I Corporation of Columbus, Ohio for Bar Screen replacement components in the amount of \$55,682.00.

6. Lombard CSO Conveyor Replacement

The Glenbard Wastewater Authority employs a solid shaft screw conveyor, 27' in length to transport wet grit removed from two (2) E&I Corporation chain and bucket grit removal systems located at the Lombard Stormwater Facility to a dumpster located within the Grit Building. This 1978 OEM supplied conveyor is constructed of painted mild steel components, and during the 2001 Lombard Stormwater Facility Upgrade Project the exterior transport tube section was patched in several places due to corrosion exhibited. Over the past several years this conveyor has begun to deteriorate at an accelerated rate due to exposure to these wet material conditions. Painted steel components show deleterious effects of these conditions to a point that key structural materials require complete replacement. In recent months staff has made temporary repairs to maintain this crucial equipment. Other key components of this unit are also showing signs of impending mechanical failure. These key components have been placed onto an accelerated preventive maintenance schedule in attempt to lengthen their serviceable life.

The press discharge screw conveyor replacement project, completed in 2007 was a complete success. These stainless steel conveyors were manufactured by JDV Equipment Corporation, Dover, New Jersey after extensive investigation by staff, and provided through Ley Associates, Arlington Heights, Illinois. The press discharge screw conveyors have functioned flawlessly; the equipment manufacturer has sufficient experience and installations to assert that the Authority should proceed with replacement with similar equipment at the Lombard Stormwater Facility.

The approved FY2010 budget includes this conveyor replacement in Capital Improvement Division 40, Equipment Rehabilitation Account 580150, with \$38,000.00 budgeted.

Motion the EOC award a contract to Ley Associates, Arlington Heights, Illinois for the purchase of the JDV stainless steel conveyor, in the amount of \$35,826.00.

7. Strand Amendment #2 to Task Order #7 Lombard CSO Improvement Project

The ARRA money that we are attempting to secure this month has rigid requirements that need to be followed. The requirements are listed in the amendment under **Scope of Services**, Lombard CSO Facility Improvement, **Design Services** 10, 11, 12, 13, 14, 15, 16. Due to the fact that we were anticipating on funding the Lombard CSO Improvement Project with cash from the Capital Improvement Program, these costs are unanticipated and need to be paid to Strand Engineering Inc. in order to keep moving forward with trying to secure the ARRA funding. We are anticipating a projected savings of approximately \$137,500 on this project if we are able to secure the funding.

I have attached the task list, and permit requirements provided by Brent Schuster, Strand Associates Inc. that will help clarify what he will be doing for GWA specifically relating to this amendment.

Motion the EOC to approve the Amendment #2 to Task Order #7 with Strand Associates, Inc. in the amount of \$25,000. This would change the agreement price from \$104,150 to \$129,150.

8. Strand Amendment #2 for Construction Related Services

During the course of the excavation of the base slab for the digester building in the month of January 2008, a controversy developed between the owners Geotechnical specialist TSC, and the contractors Geotechnical specialist Dr. Safdar Gill regarding the specified use of sheeting to support the fill below the #2 digester or the “In service” digester while the new building base slab was poured next to it. Ongoing discussions and research took place between Strand, WBCI (Williams Brothers Construction Inc) and GWA for a period of approximately 4.5 months regarding the most appropriate method to use too support the ground below the “In Service” digester as to not cause the tank filled with liquid digested material to become offset because of undermining soil conditions.

Motion the EOC to approve the Amendment #2 for Construction Related Services with Strand Associates Inc. in the amount of \$17,020. This would change the agreement price from \$588,000 to \$605,020.

9. **Next EOC Meeting** – The next regularly scheduled EOC Meeting will be on **Thursday, June 11, 2009 at 8:00 a.m. at the Glenbard Plant.**