

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Minutes
May 14, 2009

Members Present:

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| William Mueller | President, Village of Lombard |
| Michelle Thorsell | Trustee, Village of Glen Ellyn |
| Philip Hartweg | Trustee, Village of Glen Ellyn |
| David Hulseberg | Manager, Village of Lombard |
| Steven Jones | Manager, Village of Glen Ellyn |
| Carl Goldsmith | Public Works Director, Lombard |
| Joe Caracci | Public Works Director, Glen Ellyn |

Others Present:

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| Erik Lanphier | Wastewater Manager, GWA |
| Gary Scott | Senior Maintenance Mechanic, GWA |
| David Goodalis | Senior Plant Operator, GWA |
| Gayle Lendabarker | Administrative Secretary, GWA |

- 1.0 Call to Order at 8:02 a.m.
- 2.0 Roll Call: Ms. Thorsell, Pres. Mueller, Mr. Hartweg, Mr. Jones, Mr. Caracci, Mr. Hulseberg and Mr. Goldsmith, answered "Present". Mr. Tross was excused.
- 3.0 Public Comment – None
- 4.0 Consent Agenda

Mr. Hulseberg motioned and Mr. Caracci seconded the *MOTION that the following items on the Consent Agenda be approved: Ms. Thorsell, Mr. Mueller, Mr. Hartweg, Mr. Hulseberg, Mr. Caracci, Mr. Goldsmith, and Mr. Jones individually responded "Aye" during a roll vote. The motion carried.*

- 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).

5.0 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.

Mr. Lanphier indicated that the bar screen replacement project was included in the FY2010 at an estimated cost of seventy thousand dollars (\$70,000) to include the replacement of the head sprockets, chain and left and right bar racks. Mr. Lanphier indicated that this piece of equipment is thirty (30) years old and is original to the Lombard facility and works to prescreen any materials that could get into the pumps and cause severe damage. Mr. Lanphier advised that within the last year there was a catastrophic failure which GWA staff

was able to temporarily repair however, it is desired to now make a complete and thorough repair to the equipment. Mr. Lanphier stated that E&I is the O.E.M. manufacturer of the existing screen and prefer the quality of O.E.M. parts over having a third party fabricate the parts.

Mr. Caracci added that installation of the equipment will be done by GWA staff.

Mr. Jones moved and Mr. Hulseberg seconded the motion: The members individually responded "Aye" during a roll vote. The motion carried.

6.0 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.

Mr. Lanphier stated that the stainless steel conveyor was a thirty (30) year old piece of original equipment which has been painted and patched together the last few years. Mr. Lanphier indicated that the replacement conveyor is identical to the one purchased several years ago for use at the main GWA plant and staff has been very satisfied with its performance. Mr. Lanphier added that installation of the conveyor will also be handled by GWA staff.

Mr. Hulseberg moved and Mr. Goldsmith seconded the motion: The members individually responded "Aye" during a roll vote. The motion carried.

7.0 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.

Mr. Lanphier indicated this item is in direct correlation with the improvement project that has been in process for the last two and half (2-1/2) years with Strand and we are now pushing for the completion of the design phase which stands at approximately ninety-five (95) percent complete and are currently awaiting the return of some DuPage County permits as well as completing a ComEd survey in order to have radio telemetry for the SCADA system for the level transmitters at the lagoons. Mr. Lanphier indicated that this change order was requesting additional funds to complete the county permits and to complete the final documents to submit for possible ARRA funding which had not been anticipated at the start of the project.

Mr. Jones asked Mr. Lanphier if he knew of the probability of GWA receiving the ARRA funding as he was questioning if the expenditure of twenty-five thousand dollars (\$25,000) was warranted. Mr. Lanphier indicated that he could not say for sure that GWA is going to receive funding, however both GWA projects are on the list being considered for the funding and that Strand has been communicating with IEPA who advised that there additional monies available through the state budget so the number of projects that could receive funding has been increased and he feels that the chances are approximately ninety-five to ninety-eight percent (95%-98%) that GWA will receiving funding for one or both of the projects.

Mr. Caracci added that these two (2) projects are prototypical for receiving funding. Mr. Lanphier concurred by adding that any projects relating to CSO (combined sewer overflow) systems or SSO (sanitary sewer overflow) systems such as the St. Charles Lift

Station which will help satisfy some additional flows in that area, are priority items that the IEPA is looking to fund.

Ms. Thorsell asked if there was an estimated time for a decision. Mr. Lanphier indicated that we are supposed to have a decision by the end of August as per a Federal mandate. Mr. Lanphier stated that GWA is on the list, and that the documents for the contract had to be changed to include information for the loan and that once the documents are re-done, all of the proper ordinances done by both villages and a recommendation letter from GWA's legal counsel confirming a dedicated source of revenue, Strand could push through the application to the IEPA. Mr. Lanphier emphasized that the money is being well spent and that approximately eighteen to nineteen thousand dollars (\$18,000 to \$19,000) of the twenty-five thousand dollars (\$25,000) is going towards the costs of the county permits required for both projects as the county requires very detailed information on the permits. Mr. Lanphier indicated Strand has almost completed the St. Charles Lift Station work and has been not billing GWA for some of the work they are doing in association with the loan.

Mr. Mueller asked Mr. Hulseberg where Lombard stood on completing the ordinances. Mr. Hulseberg indicated that they were presented at the previous week's village board meeting and now the thirty day (30) response period is in effect.

Mr. Mueller asked if a joint letter from both communities would help move the process along and into favor for approval. Mr. Lanphier indicated that the proper procedures are being followed for non-home ruled communities as well as with what the IEPA requires for the Revolving Fund distribution. Mr. Lanphier added that he has everything ready and waiting for the ordinances from Lombard and the attorney's recommendation which is pending the ordinances.

Ms. Thorsell moved and Mr. Goldsmith seconded the motion: The members individually responded "Aye" during a roll vote. The motion carried.

8.0 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.

Mr. Lanphier explained that this request is a result of a problem encountered during the excavation of the site for the new digester and how to support the existing digester from underneath keeping it level while four to six (4 to 6) feet of excavation work was done so a base slab could be poured tying the new digester with the existing one. Mr. Lanphier explained that Testing Service Corp. (TSC) had done an evaluation concluding that sheet piling could be used to support the existing digester. Mr. Lanphier continued by stating that Williams Bros. Construction was not comfortable with this approach so they sought the opinion of a well-known Northeast Geotechnical specialist, Dr. Safdar Gill, who formed his opinion based on the Northeastern Illinois substrates and said that sheet piling would not work. Mr. Lanphier indicated that a drawn out discussion on whose opinion and recommendations would work best ensued for approximately four and a half (4-1/2) months until a resolution was reached. Mr. Lanphier indicated that as a result of the additional review and research work done by Strand as well as GWA staff, resulted in a bill from Strand for approximately nineteen thousand dollars (\$19,000) which was incorporated into the costs, which Mr. Lanphier felt was not entirely GWA's responsibility since the contractor challenged our Geo-technician's opinion; an agreement was negotiated with the contractor to split the total cost with Strand agreeing to deduct two thousand dollars (\$2,000) from their bill leaving a balance of seventeen thousand two hundred dollars (\$17,020) to be split between GWA and Williams Bros. Mr. Lanphier explained that GWA will pay the invoice in full for the sake of convenience and that Williams Bros. deducted eight thousand, five hundred ten dollars (\$8,510) from their payment application number thirteen (#13) dated March 31, 2009. Mr. Lanphier emphasized how once this issue was resolved that the construction progressed to the point where start-up of the new digester was being projected for the following week.

Mr. Caracci added that paying eight thousand five hundred dollar (\$8,500) bill to prevent what could have been a million dollar problem was money well spent.

Mr. Jones asked if there was any impact on the construction contract with Williams Bros. Mr. Lanphier confirmed that Williams Bros. issued a credit to GWA on one of the payout applications.

Mr. Hulseberg moved and Mr. Caracci seconded the motion: The members individually responded "Aye" during a roll vote. The motion carried.

9.0 Other Business

Mr. Jones asked Mr. Gary Scott, Senior Maintenance Mechanic for GWA, to stand. Mr. Jones explained that whenever an employee reaches a major service anniversary year it is customary to recognize the employee's service with a certificate and gift certificates from the Chamber of Commerce for the Village of Glen Ellyn. Mr. Jones continued to say that Gary

Scott reached his tenth (10th) anniversary on March 15, 2009.- Mr. Jones also mentioned that Tom Hollingsworth, who was out on vacation leave, recently celebrated his thirtieth (30th) year anniversary in March and that Erik would present the certificate Tom upon his return.

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

Mr. Hulseberg asked if a June meeting would be necessary as three members of the Committee would not be present. Mr. Jones advised that he was not going to the conference Mr. Hulseberg was referring to so he could attend. Mr. Mueller indicated that he would be attending a Mayors Conference that morning. Mr. Lanphier indicated that he would check the list of items for approval and advise the Committee if the June meeting can be cancelled.

Mr. Caracci moved to adjourn the April 20, 2009 EOC Meeting and Mr. Goldsmith seconded the motion. The members responded unanimously to a verbal call of “Aye”. The motion carried. The meeting adjourned at 8:20 a.m.

Submitted by:



Gayle A. Lendabarker
GWA Administrative Secretary