

GLENBARD WASTEWATER AUTHORITY
Executive Oversight Committee
Agenda

November 19, 2020

8:00 a.m.

Zoom Link: <https://us02web.zoom.us/j/86374226774>

Glenbard Wastewater Authority Meeting Procedures Statement

On March 16, 2020, Governor Pritzker issued Executive Order No. 5 in response to COVID-19, which temporarily suspended certain requirements of the Open Meetings Act ILCS 120 allowing Executive Oversight Committee members to participate electronically in Executive Oversight Committee meetings. The Public is welcome to observe and participate in all meetings of the Executive Oversight Committee. Meetings are able to be viewed using the link <https://us02web.zoom.us/j/86374226774> or by calling (312) 626-6799 and using the Meeting ID: 863 7422 6774. All public comments received during the meeting will be read into the record during the appropriate portion of the agenda.

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Award Recognition

The President of the Central States Water Environmental Association (CSWEA), Mark Eddington, Executive Director of the Kishwaukee Water Reclamation District, will be presenting the CSWEA 2020 Operations Award to Jason Neighbors, Operator 1 at GWA, and the 2020 Water Stewardship Award to Matt Streicher. Since the usual awards ceremony was not allowed to take place this year, CSWEA would like to formally recognize the award winners at their respective public meetings.

5. Public Comment
6. Consent Agenda – The following items are considered to be routine by the Executive Oversight Committee and will be approved with a single vote in the form listed below:

Motion the EOC to approve the following items including Payroll and Vouchers for part of the month of October 2020 \$770,403.50 (Trustee Christiansen).

- 6.1 Executive Oversight Committee Meeting Minutes:
October 8, 2020 EOC Meeting
- 6.2 Vouchers Previously Reviewed by:
October 2020 – Trustee Christiansen

7. Facility Improvement Project Deductive Change Order

After negotiating with the General Contractor on how to resolve the issue of potential liquidated damages, the Authority recommends that the EOC motion the authorization to approve Change Order Number 6 to reduce the Facility Improvement Construction Contract by \$68,663, lowering it from \$17,701,258.83 to \$17,632,595.83. A more detailed explanation and breakdown can be found in the memo within the agenda packet.

8. Facility Improvement Project Construction Engineering Amendment Number 2

Due to the project construction extending past the expected completion date, the budget amount for construction engineering services had become depleted, and an amendment is needed in order to finish out the items in the original scope; including substantial and final completion items, loan closeout, and record drawings of as-built conditions. The deductive change order to the construction contract discussed in item 6 of this agenda is intended to cover the costs of this engineering amendment.

The Authority recommends the EOC motion the authorization to approve amendment number 2 to the construction engineering contract with Black & Veatch, to increase the total contract amount \$58,663, bringing the total amount from \$1,030,943 to \$1,089,606. These funds would come out of the 40-580180 budget, and per contract language in the FIP construction contract, the funds are being recovered from the contractor via a deductive change order.

9. Biosolids Dewatering Improvement Notice of Intent to Award Construction Contract

The Authority advertised the Biosolids Dewatering Improvements Project in accordance with local, state, and federal guidelines on September 11th, 2020. The Authority received bids until 10:00 a.m. on Tuesday, October 27th, 2020. Four bids were received for the project and were immediately opened and read aloud publicly. The following is a tabulation of the bids received:

<u>Company</u>	<u>Base Bid Amount</u>	<u>Percent Above Low Bid</u>
<i>Engineer's Opinion of Probable Cost</i>	\$ 2,080,025.00	-
Independent Mechanical Industries, Inc.	\$ 2,085,000.00	-
Joseph J. Henderson & Son, Inc.	\$ 2,098,000.00	0.60%
Manusos General Contracting, Inc.	\$ 2,214,000.00	6.20%
IHC Construction Companies, LLC.	\$ 2,290,000.00	9.80%

Independent Mechanical Industries, Inc. (IMI) of Elk Grove Village, Illinois was the apparent low bidder with a base bid amount of \$2,085,000.

The original budgeted amount for the project and items included in the scope was \$1,895,000, not including engineering fees. However, coupled with lower than budgeted engineering fees for both the design and proposed construction engineering phase, total budget amount for the project comes in only \$134,100 higher than what was budgeted for

over the course of CY2020-CY2021. The reason for the slightly higher than budgeted cost is due to some additional improvements included while in design. The additional scope items consist of improvements to the storage and conveyance system for high strength waste, which would allow for better utilization of existing storage, better tracking of materials received, and several other improvements. These improvements would allow the possibility of more revenue, less overhead, and less risk of any future digester upsets. This work was not originally included in the scope when budgeted, however, due to economy of scale it was in the Authority's best interest to receive pricing on the work. Staff would rather not sacrifice a portion of the work that has been designed over the past year, but if directed, staff will find a way to value engineer a reduction of the scope after award has been made. The additional work was bid as an alternate, and came in at \$120,000.

This project will be paid for using an already approved low interest IEPA State Revolving Fund Loan, and will be paid back over 20 years at an interest rate of 1.39% starting six months after substantial completion of the project. Therefore, the roughly 3% higher than budgeted amount has very little impact on the capital budget over the course of the loan repayment.

The TAC agrees with the Authority's recommendation to the EOC to motion to authorize the approval of the Notice of Intent to Award the 2020 Biosolids Dewatering Improvements Construction Contract to Independent Mechanical Industries, Inc. for \$2,085,000.00.

10. Biosolids Dewatering Improvement Engineering Amendment #1 for Construction Phase

After completing a successful design and bid of the Biosolids Dewatering Improvements Project, an amendment to perform Construction Engineering Services was requested from Trotter & Associates, Inc (TAI). Due to the more than satisfactory performance by TAI, and their familiarity with the project, the Authority is proposing to waive the RFP process, as allowed by the professional services' standard procedures, and utilize TAI for construction engineering services. After receiving a proposed amendment, the Authority negotiated the scope to allow for some savings since the Authority has the capability to perform some in-house construction engineering services. The TAC agreed and also recommended this approach.

After negotiations, the amendment is proposing an additional \$104,400 (5% of construction cost) to perform part-time construction engineering services, which is a reduction from the original \$135,900 for full-time services. However, the amendment also proposes to deduct \$202,600 from the original contract. The purpose of the deduction is to remove the design of a thermal hydrolysis system from the scope after it was determined there was not a reasonable return on investment by including that item. Therefore, the overall contract amount is actually being reduced \$98,200, lowering it from \$472,300 to \$374,100.

The Authority therefore recommends the EOC motion to authorize approving amendment number 1 with Trotter & Associates for the Biosolids Dewatering Improvements Construction Engineering Services, reducing the contract by \$98,200, bringing the authorized amount to \$374,100. The remaining funds on the contract are equal to the \$104,400 required for the construction engineering, and this amount will be taken out of the designated amount in CY2021 Approved Budget, Fund 40 Capital, which has a \$100,000 budget number once formally approved.

11. Request for Authorization to Approve Agreement for Programing Logic Controller (PLC) Installation

Since the inception of the Supervisory Control and Data Acquisition System (SCADA) at the Authority in the late nineties, we have utilized Allen Bradley Programmable Logic Controllers (PLC's) to automate, control, and monitor the numerous process control aspects of the treatment facility. These PLC's are approximately 20 years old, are at end of life, and discontinued by the manufacturer. Procurement of replacement PLC components due to failure, has become increasingly difficult to obtain and are very costly if they can be had. Based on the above stated needs, we are proposing upgrading our PLC and Communications System at the Bemis Road Facility at this time.

The Authority is recommending moving forward with this PLC Replacement Project with Concentric Integration due to their unique qualifications. They are the only firm the Authority is aware of that has the complete in-house capabilities to tackle the myriad of technical disciplines required for a project with this scope; IT, instrumentation, PLC, SCADA, Security, etc. They also are in progress/have completed similar installations for Downers Grove Sanitary District and Northwest Joint Action Water Agency, and others local to the Authority. In 2016, the Authority undertook a similar project to replace our Remote Sites PLC's and Leased-Line communication. Concentric Integration was selected to perform the replacement project, which they successfully accomplished.

A proposal in the amount of \$216,360 was received from Concentric Integration to perform the hardware replacement, programming, and provide documentation/As-Builts etc. The Authority recommends the EOC motion to approve the authorization to enter into an agreement with Concentric as a professional service to install the PLCs for **\$216,360, contingent upon the approval of the CY21 Budget**. The CY21 Budget 40-580180 will be appropriately designated for such funds once approved.

12. Discussion

12.1 Capital Improvement Projects Update

13. Other Business

13.1 Technical Advisory Committee Updates

13.2 Pending Agenda Items

13.3 2021 EOC Meeting Schedule

14. *Next EOC Meeting* – The next regularly scheduled EOC Meeting is set for **Thursday, January, 14, 2021 at 8:00 a.m. via Zoom.**