



COUNTY OF ERIE
DEPARTMENT OF ENVIRONMENT & PLANNING
DIVISION OF SEWERAGE MANAGEMENT
**** MEMORANDUM ****

MARK C. POLONCARZ, ESQ.
COUNTY EXECUTIVE

THOMAS R. HERSEY
COMMISSIONER

JOSEPH L. FIEGL, P.E.
DEPUTY COMMISSIONER

FROM: Joseph L. Fiegl, P.E. – Deputy Commissioner *JF*
TO: David C. Millar, P.E. – Secretary
Erie County Sewer District (ECSD) No. 3 Board of Managers
DATE: May 24, 2016
RE: Change Order – GHD Consulting Services, Inc.
Construction Administration & Inspection
Southtowns Influent Pumping Station & Overflow Retention Facility Upgrades

During the course of construction for the Southtowns AWTF Influent Pumping Station and Overflow Retention Facility Upgrades, there have been a number of tasks that GHD Consulting Services, Inc. (GHD) documented as exceeding their scope of services. GHD has requested additional compensation for the following items:

- Inspection time above the amount included in the agreement. During the finalization of the scope (which was developed before bid of the project), it was assumed that the general contractor would complete certain tasks concurrently. Due to the need coordinate with the Rush Creek Interceptor, the general contractor mobilized quickly and prioritized installation of piping at the beginning of this project. This phasing of this work – while very important for coordination with the Rush Creek Interceptor project – meant work assumed to be performed concurrently was done separately. This required several months of additional inspection time beyond that which was included in the initial scope.
- Additional construction progress meetings. To ensure proper coordination between three (3) prime contractors working at an active treatment facility that must continue operations regardless of the construction activities, the frequency of progress meetings over the course of the 18-month construction period was increased from what was initially scoped.
- Unanticipated effort involved with influent channel work. Existing record drawings from the early 1980's did not show a conflict between the existing building's upper loadbearing column and subsurface obstructions. This previously unknown conflict required redesign of the improvements in this area and additional coordination with contractors.
- Design work associated with replacing appurtenances in the overflow retention facility that were identified as needing replacement by the contractor.
- Unforeseen engineering associated with the relocation of the Southtowns AWTF plant water loop. During construction it was identified that a conflict existed between the existing plant water loop and the proposed piping. GHD was required to analyze and cost the options, along with the standard construction phase services necessary for this work which was not anticipated in the original scope.

The Division of Sewerage Management has reviewed GHD's request and agrees that the items listed were not part of the original scope of services. Further, the budget submitted by GHD for the changes – \$65,000 – appears to be commensurate with the additional level of effort.

Please place this item on the agenda for the next ECSD No. 3 Board of Managers meeting for the Board's consideration. If the members have any questions ahead of the meeting, please have them contact me at (716) 358-7537. Thank you.

*Item
5(b)*

**RESOLUTION
BOARD OF MANAGERS
ERIE COUNTY SEWER DISTRICT (ECSD) No. 3**

WHEREAS, GHD Consulting Services, Inc. (GHD) was retained to perform engineering services for the Influent Pumping Station and Overflow Retention Facility Upgrades project at the Southtowns Advanced Wastewater Treatment Facility (AWTF); and

WHEREAS, over the course of the construction project there have been a number of tasks that either were not within GHD's scope of services or exceeded timeframes set forth in said scope; and

WHEREAS, GHD submitted a request for additional compensation in the amount of \$65,000 for the out-of-scope work associated with this project; and

WHEREAS, the Division of Sewerage Management has reviewed GHD's request, agrees that the items listed were not part of the original scope of services, and has determined that the budget submitted appears to be commensurate with the additional effort.

NOW, THEREFORE, BE IT

RESOLVED, that the ECSD No. 3 Board of Managers recommends execution of a change order with GHD in an amount not to exceed \$65,000 for out-of-scope work associated with engineering services for the Influent Pumping Station and Overflow Retention Facility Upgrades project at the Southtowns AWTF; and be it further

RESOLVED, that capital reserves be the funding source for this change order.

Respectfully submitted,

David C. Millar, P.E.
Secretary, Erie County Sewer District No. 3
Board of Managers

MOVED BY: _____

SECONDED BY: _____

APPROVED/DISAPPROVED: _____

DATE: _____