



**THE COUNCIL OF THE CITY OF BINGHAMTON
STATE OF NEW YORK**

Date: November 20, 2018

Sponsored by Council Members: Resciniti, Matzo, Papastrat, Scaringi, Cronce, Scanlon, Taylor

Introduced by Committee: Finance

RESOLUTION

entitled

A RESOLUTION AUTHORIZING THE MAYOR
TO ENTER INTO SUPPLEMENTAL
AGREEMENT NO. 4 WITH GHD CONSULTING
SERVICES INC TO PROVIDE AMENDED
ENGINEERING SERVICES FOR THE SLUDGE
EXTRACTOR SYSTEM AT THE BINGHAMTON
WATER TREATMENT PLANT

WHEREAS, the Council of the City of Binghamton adopted Permanent Resolution R16-86, dated September 7, 2016, with GHD Consulting Services Inc. ("GHD") for design services for the Sludge Extractor System at the Binghamton Water Treatment Plant; and

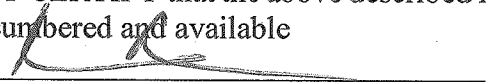
WHEREAS, the Council of the City of Binghamton adopted Permanent Resolutions R17-72, dated June 7, 2017, approving Supplemental Agreement No. 1 and R18-65, dated June 20, 2018, approving Supplemental Agreement No. 2, and R18-114, dated November 20, 2018, approving Supplemental Agreement No. 3; and

WHEREAS, the City Engineer has recommended that the City enter into Supplemental Agreement No. 4 with GHD to amend the scope of work for engineering services to modify the design for the Sludge Extractor System at the Binghamton Water Treatment Plant at a cost not to exceed funds allocated in the existing Agreement as provided in the attached proposal.

NOW, THEREFORE, the Council of the City of Binghamton, duly convened in regular session, does hereby:

RESOLVE that the Mayor, or his designee, is hereby authorized to enter into Supplemental Agreement No. 4, approved as to form and content by the Office of Corporation Counsel, with GHD to provide amended engineering services to modify the design for the Sludge Extractor System at the Binghamton Water Treatment Plant at a cost not to exceed funds allocated in the existing Agreement as provided in the attached proposal and that funding will be deducted from budget line H8340.525153.21716 (Sldg Ext Sys) for this purpose.

I HEREBY CERTIFY that the above described funds
are unencumbered and available



Chuck Shager, Comptroller

Introductory No. R18-115

Permanent No. R18-113

Sponsored by City Council Members:
Resciniti, Matzo, Papastrat, Scaringi, Cronce, Scanlon,
Taylor

A RESOLUTION AUTHORIZING THE MAYOR TO
ENTER INTO SUPPLEMENTAL AGREEMENT
NO. 4 WITH GHD CONSULTING SERVICES INC
TO PROVIDE AMENDED ENGINEERING
SERVICES FOR THE SLUDGE EXTRACTOR
SYSTEM AT THE BINGHAMTON WATER
TREATMENT PLANT

The within Resolution was adopted by the Council of
the City of Binghamton.

11/20/18
Date

Jessica Mujichina
City Clerk

11/21/18
Date Presented to Mayor

11/21/18
Date Approved
Richard D. D'Amico
Mayor

	Ayes	Nays	Abstain	Absent
Councilman Scaringi	✓			
Councilwoman Resciniti	✓			
Councilwoman Cronce				✓
Councilman Taylor	✓			
Councilman Papastrat	✓			
Councilman Scanlon	✓			
Councilman Matzo	✓			
Total	6	0	0	1

Code of the City of Binghamton

Adopted Defeated

6 Ayes 0 Nays 0 Abstain 1 Absent

I hereby certify the above to be a true
copy of the legislation adopted by the
Council of the City of Binghamton at a
meeting held on 11/20/18. Approved
by the Mayor on 11/21/18.

JN



SUPPLEMENTAL AGREEMENT NO. 4

TO AGREEMENT BETWEEN
CITY OF BINGHAMTON, NEW YORK
AND
GHD CONSULTING SERVICES INC.

WHEREAS, GHD Consulting Services Inc. (ENGINEER) and City of Binghamton, NY (CITY) entered into an Agreement dated September 21, 2016 for design and permitting of a sludge extraction and dewatering system at the Binghamton Water Treatment Plant (authorized under Permanent Resolution No. R16-16); and

WHEREAS, the CITY has requested that GHD provide additional services to modify the design; and

NOW, THEREFORE, ENGINEER and CITY agree to amend the Agreement as follows.

SCOPE OF SERVICES

1. Services to be performed.
 - a. Evaluate the following components of a near-term replacement of sedimentation basin residuals collection system, and consider future implementation of onsite dewatering facilities.
 - 1) Consider installation of sludge vacuum system in Sedimentation Basin Nos. 2 through 4. Evaluate pumping requirements for residuals to be discharged to the sewer or transferred to Sedimentation Basin No. 1.
 - 2) Consider conversion of Flocculation and Sedimentation Basin No. 1 to residuals holding basin. Evaluate structural capacity for existing structure to be filled with residuals vs. existing function of being filled with water for flocculation and sedimentation. Consider improvements to achieve dual containment between production and waste streams in accordance with applicable regulations. Services shall be performed concurrently with Supplemental Agreement No. 2, Task 5 – Sedimentation Basin Structural Evaluation, so that findings of structural evaluation may be considered in evaluation of proposed conversion of Basin No. 1 to a residuals holding basin.
 - 3) Consider operation of proposed residuals collection, storage and disposal. Estimate how many days of residuals may be stored in proposed residuals holding basin during average loading conditions. Evaluate the feasibility for proposed residuals holding basin to operate as a thickener (i.e., concentrate residuals and discharge supernatant water to the sewer). Consider features that would support periodic mobilization of temporary residuals dewatering facilities.
 - 4) Conceptualize layout of proposed construction that would enable near term collection, storage and disposal of residuals and facilitate future addition of onsite residuals dewatering.
 - b. Evaluation will consider impacts to operation (including cold weather operation), mechanical, electrical and control systems. Evaluation will be performed concurrent with Supplemental Agreement No. 2, Task 5 – Sedimentation Basin Structural Evaluation, and will consider structural and architectural impact of each alternative.
 - c. Submit an Engineering Memorandum to the City documenting findings and budgetary opinion of probable costs for feasible alternatives.
 - d. Meet with the City to review the Engineering Memorandum and select a preferred alternative.

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2. Fees.

- a. Engineer shall be paid a Lump Sum of \$27,300 for additional services summarized above, including \$7,000 of subcontracted services provided by a certified M/WBE.
- b. Supplemental Agreement No. 2, Task 5 – Sedimentation Basin Structural Evaluation, previously authorized for a Lump Sum of \$15,700, will be performed concurrently with the additional services summarized above. There is no change in this Lump Sum fee, but \$14,900 of Task 5 effort will be subcontracted to a certified M/WBE; this is an increase from \$9,000 originally proposed in Supplemental Agreement No. 2.

3. Exceptions.

- a. A Supplemental Agreement for Basis of Design, Final design, bidding, and construction phase services will be submitted following selection of preferred alternative.

4. Proposed Schedule

- a. We will issue a draft memorandum of findings within 75 days following authorization to proceed.

PROJECT COSTS

The total value of Supplemental Agreement No. 4 is \$0. The \$27,300 fee for this work shall be reallocated from Supplemental Agreement No. 2, Task 7 – Operation and Maintenance Manual. Supplemental Agreement No. 2 Task No. 7 will be deleted, and the remaining value shall be \$0.

AUTHORIZATION

The return of one signed copy of this Supplemental Agreement No. 4, together with a copy of a formal resolution of approval, constitutes acceptance of this Amendment and shall be written authorization for ENGINEER to proceed with the Scope of Service outlined above.

IN WITNESS WHEREOF, the parties hereto have made and executed this Supplemental Agreement No. 4 as of the last date entered below.

ENGINEER:

GHD CONSULTING SERVICES INC.

By: Kevin Castro
Kevin Castro, P.E.

Title: Vice President

Date: 11/1/18

OWNER:

CITY OF BINGHAMTON, NEW YORK

By: Richard C. David
Richard C. David

Title: Mayor

Date: _____

JSD/mrv