



THE COUNCIL OF THE CITY OF BINGHAMTON
STATE OF NEW YORK

Date: April 22, 2015

Sponsored by Council Members: Motsavage, Papastrat, Matzo, Berg, Mihalko

Introduced by Committee: Finance

RESOLUTION

entitled

A RESOLUTION AUTHORIZING THE MAYOR
TO ENTER INTO AN AGREEMENT WITH
GRIFFITHS ENGINEERING LLC TO PROVIDE
FLOODWALL PROJECT SPECIFIC
OVERSIGHT THROUGH 2016 AT THE BJCJSTP

WHEREAS, the City of Binghamton wishes to enter into an agreement with Griffiths Engineering, LLC for floodwall project specific oversight during the construction phase through 2016 at the Binghamton-Johnson City Joint Sewage Treatment Plant (BJCJSTP) at a total cost not to exceed \$402,072.00; and

WHEREAS, the rate for each service to be provided is set forth in the attached fee schedule; and

WHEREAS, funding is available in budget line HX8150.500100.J1FF (Professional Services, Flood).

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 an agreement, approved as to form and content by the Office of Corporation Counsel, with Griffiths Engineering, LLC for floodwall project specific oversight services during the construction phase through 2016 at the BJCJSTP at a total cost not to exceed \$402,072.00; and be it further

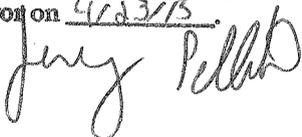
RESOLVED that such funds shall be deducted from budget line HX8150.500100.J1FF (Professional Services - Flood).

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



Chuck Shager, Comptroller

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 4/22/15. Approved by the Mayor on 4/23/15.



Introductory No. R15-47

Permanent No. R15-47

Sponsored by City Council Members:
Motsavage, Papastrat, Matzo, Berg, Mihalko

A RESOLUTION AUTHORIZING THE MAYOR TO
ENTER INTO AN AGREEMENT WITH GRIFFITHS
ENGINEERING LLC TO PROVIDE FLOODWALL
PROJECT SPECIFIC OVERSIGHT THROUGH 2016 AT
THE BJCSTP

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

Date April 22, 2015

City Clerk Jenny Bellini

Date Presented to Mayor April 23, 2015

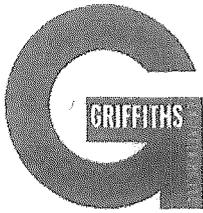
Date Approved 4/23/15
Richard L. David
Mayor

	Ayes	Nays	Abstain	Absent
Motsavage	✓			
Mihalko	✓			
Rennia	✓			
Webb	✓			
Papastrat	✓			
Matzo	✓			
Berg	✓			
Total	7	0	0	0

Code of the City of Binghamton

Adopted Defeated

7 Ayes 0 Nays 0 Abstain 0 Absent



13 S. Washington Street, Suite 1
Binghamton, NY 13903

Office: 607-724-2400 Fax: 607-724-2436
Web: www.griffithsengineering.com

March 31, 2015

Mr. Gary Holmes, PE
Director of Public Works
City of Binghamton
City Hall, 38 Hawley Street
Binghamton, NY 13901

Re: Binghamton-Johnson City Joint Sewage Treatment Plant
Floodwall – Construction Phase Services through 2016.

Dear Mr. Holmes:

Griffiths Engineering, LLC (GE) and its project team is nearing completion on final coordination of our floodwall design. Contingent upon receiving final environmental and funding agency approvals, the City and Board would like to begin construction in the fall of this year. It is understood that a Construction Manager is being retained and will provide daily construction administration duties related to the BAF rebuild, the floodwall and other projects at the facility. Griffiths has been requested to provide floodwall project specific oversight during construction to assure continuity with the design intent of the flood protection system. This effort will require a daily presence on the project site and coordinated effort with the Construction Manager. GE intends to provide the Engineer of Record Construction Phase Services as described below. *Construction inspection on behalf of the owner will be performed by the Construction Manager.* For the purpose of this proposal estimated services to the project based on the rates valid through 2016 include a period from September 2015 through the end of 2016 (70 weeks).

We anticipate up to 40 hours per week for on full time project representative for the 70 week period from September 2015 through December 31, 2016. If services are requested on outside of the normal Monday through Friday work week (Holidays, Saturdays, etc.) and GE on site staff will be required to work in excess of 40 hours, the additional hours and potentially overtime premium may exhaust allotted funds prematurely. All time over 40 hours will require approval from City.

It is anticipated that services during bidding and preconstruction will be needed including pre-bid and pre-construction meetings, responses to requests for information, and review of submittals and shop drawings. We anticipate this effort to require approximately 100 hours of senior level engineering support. To support the onsite project representative we anticipate approximately 10 hours per week from a senior level design engineer over the 70 week project to respond to requests for information during design, approve field changes, and to attend bi-weekly project meetings.

At times it may be necessary to include our sub-consultant, Savin Engineers, in meetings (assumed 10 meetings) and design issues during construction for issues related to their work in the design of the internal stormwater drainage pumping, process flow handling, and related work. We anticipate this to be limited, however we are including their efforts in our NTE fee.

Savin will also continue to provide coordination, design changes, and services under this contract as related to the BAF project, pump station relocations, and changes to interior drainage. This work includes coordination with GHD and Griffiths.

Savin is also the project MBE firm and all work performed by Savin will contribute towards the DBE/MBE goals for the project as required by the funding agencies.

Compensation:

2,800 hours at \$85/hr	\$ 238,000	
800 hours at \$110/hr	\$ 88,000	
Savin Engineers	\$ 64,612	Subject to 10%
Savin (10%)	\$ 6,460	Sub Markup
<u>Estimated Reimbursable Expenses</u>	<u>\$ 5,000</u>	
Total Estimated Effort	\$ 402,072	Not To Exceed

It is understood that only actual hours worked as described in detail on time logs will be billed to the this Not To Exceed fee. If the project continues beyond this schedule or if billings are approaching exhaustion of the NTE amount the City will be notified in as soon as possible so that additional scope and funds can be negotiated.

Griffiths Engineering and their team will provide these services as requested by the City of Binghamton on a Not-To-Exceed Basis based on an estimate of hours, and the length of the project schedule based on established hourly rates.

The above fees include all sub consultant activity. The project will be billed based upon actual work performed and billed to the project in accordance with Griffiths' and Savin's Hourly Rate Schedule. All billings will include detailed descriptions for actual work performed on a daily basis. Mileage and expenses are included in the not to exceed fees and will be billed in accordance with the Rate Schedule.

Griffiths Engineering will not exceed this estimate without written approval from the City of Binghamton.

We thank you for this opportunity of providing professional services in connection with this project. Should you have any questions concerning our proposal or our intended course of action, please don't hesitate to contact me.

Very truly yours,



Daniel Griffiths, P.E.

Form of Agreement

"If you are in agreement with the aforementioned scope and fee, please sign this proposal and return one copy to our office as an indication of your acceptance of this proposal and authorization to Griffiths Engineering to proceed with this project at the stated fee. All terms and conditions of this proposal are per "Standard Form of Agreement Between Owner and Engineer for Professional Services "" EJCDC E500 (latest edition) (Prepared by Engineers Joint Contract Documents Committee, issued and published by American Consulting Engineers Council, National Society of Professional Engineers, and American Society of Civil Engineers)."

Please acknowledge acceptance of this proposal by signing one (1) copy and returning it to our office.

Authorized by the City Of Binghamton

(Signed by Duly Authorized Party)

(Date)

(Print Name)

GRIFFITHS ENGINEERING -- HOURLY RATE SCHEDULE
CONSTRUCTION PHASE SERVICES THROUGH 2016

TITLE	HOURLY BILLING RATE
Principal	\$135/hour
Stormwater Specialist	\$125/hour
Project Engineer/Structural Engineer	\$110/hour
Licensed Landscape Architect/Designer	\$100/hour
Engineer	\$95/hour
Junior Engineer	\$90/hour
Construction Observation	\$85/hour
Administrative Assistant/Secretarial	\$50/hour
Sub-consultants	Fee plus 10%

Rates subject to change January 1, 2017

Construction Observation Hours over 40 may be subject to overtime premium at 1.5 times.

REIMBURSABLE SCHEDULE

Digital Bond 1 copy of each drawing \$0.70/sf
All reproductions will be done by Dataflow in Binghamton NY. Fee plus 10%

Mileage: \$ 0.575 (57.5 cents)/ per mile

Automobile Rental, Equipment Rentals, Express Mail, Courier Services, Parking, Lodging, Meals, Fax Transmissions, Long Distance Calls, Tolls. Fee plus 10%

BINGHAMTON-JOHNSON CITY JOINT SEWAGE TREATMENT PLANT
 BJCISTP - FLOOD WALL

Design Services During Construction
 Fee Summary

Task		Project Director	Project Manager	Senior Engineer	Engineer	CADD	Technician	Total Hours	Fee	
		\$ 205.00	\$ 184.00	\$ 149.00	\$ 110.00	\$ 121.00	\$ 88.00			
1	Project Meetings and Coordination	40	80	40	0	0	24	184	\$ 30,992.00	
2	Flood Related Coordination with Plant Redesign	16	40	40	80	24	32	232	\$ 31,120.00	
Total Labor Hours		56	120	80	80	24	56	416	-	
Total Fee		\$ 11,480.00	\$ 22,080.00	\$ 11,920.00	\$ 8,800.00	\$ 2,904.00	\$ 4,928.00	-	\$ 62,112.00	
Direct Costs (Printing, Mileage, Tolls, Etc.)										\$ 2,500.00
TOTAL										\$ 64,612.00

Assumptions

- Task 1 - Assumes up to 10 meetings and related coordination efforts