



THE COUNCIL OF THE CITY OF BINGHAMTON
STATE OF NEW YORK

Date: March 4, 2015

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

Introduced by Committee: Finance

RESOLUTION

entitled

A RESOLUTION AUTHORIZING THE MAYOR
TO ENTER INTO AN AGREEMENT WITH
RAM-TECH ENGINEERS TO PROVIDE
ENGINEERING SERVICES FOR THE
TERMINAL PUMPING STATION AT THE
BINGHAMTON-JOHNSON CITY JOINT
SEWAGE TREATMENT PLANT

WHEREAS, the City of Binghamton is a joint owner of the Binghamton-Johnson City Joint Sewage Treatment Plant (BJCJSTP) with the Village of Johnson City; and

WHEREAS, the City of Binghamton is in need of Construction Phase, Post-Construction Phase and Electrical Commissioning Engineering services for the Terminal Pump Station; and

WHEREAS, the City of Binghamton wishes to enter into an agreement with RAM-Tech Engineers to provide these services at a cost not to exceed \$155,800.00, as described in the attached proposal; and

WHEREAS, the funds to pay for said services are available in budget line HX8150.500100.JINN (Professional Services – Non-Flood), to be charged back to the Binghamton-Johnson City Joint Sewage Board budget.

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, RAM-Tech Engineers for Construction Phase, Post-Construction Phase and Electrical Commissioning Engineering services for the Terminal Pump Station at a cost not to exceed \$155,800.00; and that funds to pay for such services are available in budget line HX8150.500100.JINN (Professional Services – Non-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 3/4/15. Approved by the Mayor on 3/5/15.

Introductory No. R15-26

Permanent No. R15-22

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

A RESOLUTION AUTHORIZING THE MAYOR TO
ENTER INTO AN AGREEMENT WITH RAM-TECH
ENGINEERS TO PROVIDE ENGINEERING SERVICES
FOR THE TERMINAL PUMPING STATION AT THE
BINGHAMTON-JOHNSON CITY JOINT SEWAGE
TREATMENT PLANT

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

Date March 4, 2015

City Clerk Jenny Peltier

Date Presented to Mayor March 5, 2015

Date Approved 3/5/15

Mayor Richard L. D'Amico

Motion to approve legislation.
Moved by Motsavage, seconded by Matzo.
Motion to amend the legislation to change
the figure amount from \$383,643 to \$155,801
and amend the budget line from HX8150.5001-
00.J!FF to HX8150.500100.JINN.
Moved by Motsavage, seconded by Mihalko.
Motion to approve legislation as amended.
Moved by Motsavage, seconded by Mihalko.

	Ayes	Nays	Abstain	Absent
Motsavage	✓			
Mihalko	✓			
Rennia	✓	✓		
Webb	✓			
Papastrat	✓			
Matzo	✓			
Berg	✓			
Total	6	1	0	0

Code of the City of Binghamton

Adopted Defeated

6 Ayes 1 Nays 0 Abstain 0 Absent



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of Syracuse, P.C.
6100 Fairway Drive
P.O. Box 10
Syracuse, New York 13211
Tel: 315-463-7716
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Fax: 716-832-6373

RAM-TECH Engineers, Inc.
2 International Plaza
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Philadelphia, Pennsylvania 19113
Tel: 610-521-5159
Fax: 610-521-8562

RAM-TECH Engineers
of Rochester, P.C.
200 State Street
Suite 703
Rochester, New York 14614
Tel: 585-747-0906

Raman & Borick
Technical Services, Inc.
6100 Fairway Drive
P.O. Box 10
Syracuse, New York 13211
Tel: 315-463-7716
Fax: 315-463-7758

February 11, 2015

Binghamton-Johnson City Joint Sewage Board
4480 Vestal Road
Vestal, NY 13850

Attn: Ms. Catherine Young
Superintendent

Re: Terminal Pumping Station (TPS)
Flood Protection Improvements
PQ #34048

Dear Ms. Young:

We appreciate the opportunity to submit this proposal for the Construction Phase, Post-Construction Phase, and Electrical Commissioning Engineering services for the proposed Terminal Pumping Station Flood Protection Improvements project.

We understand the scope of work to include a new building enclosure for the proposed diesel generator, switchgear, and transformer, as well as rehabilitation of flow meters and gate valves at the terminal pumping station.

Scope of Services:

The scope of services, as we understand it, consists of the following:

Construction Phase:

1. Review and provide written comments on all design plans, specifications, and contract documents for constructability with Owner and Architect/Engineer ("A/E") prior to project bidding.
2. Coordinate and participate in pre-bid meeting. Distribute meeting minutes provided by A/E.
3. Establish and maintain document tracking system for all project construction records and required contract documents (electronic copies required).
4. Coordinate and chair pre-construction and weekly construction progress meetings and issue minutes.

49.99

**Terminal Pumping Station (TPS)
Flood Protection Improvements -- 2/11/15
Page - 2 -**

5. Prepare an agenda, conduct, and provide minutes for job meetings.
6. Issue contractor Notice to Proceed as prepared by the City.
7. Review the contractor's project schedule, schedule of values, submittal schedule, and list of proposed subcontractors.
8. Maintain daily sign-in and sign-out log for all personnel visiting or working on the project site.
9. Report any anticipated changes in site conditions to the Plant Superintendent and coordinate efforts to minimize disruptions to Plant operations and prepare recommendations.
10. Review periodic updates of all schedules with Superintendent and Contractor.
11. Coordinate submittals and shop drawings, and coordinate approval process with the A/E.
12. Clarify the intent and scope of the Construction Documents with the A/E.
13. Process requests for information ("RFI") regarding means and intent to the A/E and provide the contractor with appropriate and timely response.
14. Maintain project directory of contracts and file index.
15. Maintain a construction site presence to monitor contractor activities and schedule, ensure quality control, observe safety practices, coordinate construction sequencing, and monitor and report on daily, weekly, and overall project progress.
16. Inspect, or observe inspection of, materials and system equipment for contract specification compliance.
17. Reject in writing non-conforming material, equipment, and or work and certify the completion of corrective action by the contractor.
18. Provide milestone schedule to be updated on a monthly basis.
19. Review, recommend, and certify contractor applications for payment.
20. Review and negotiate contractor change order requests with input from A/E.

21. Prepare proposed Change Orders for the Board's approval and execution.
22. Coordinate the preparation of revised documents and Contract Drawings (by updating the electronic plans, provided to the Board, to reflect the approved changes).
23. Conduct and participate in concealed space observations, system start-up observations, systems integration/operational demonstrations, Substantial Completion or pre-final work observations to determine the Dates of Substantial Completion, and Final work.
24. Develop punch list, monitor work, and certify completion and final payment.

Post-Construction Phase:

1. Provide two (2) quarterly inspections during the warranty period (additional inspections upon request, to be paid at a predetermined hourly rate).
2. Provide the Plant Superintendent with complete sets of Post Construction Documents in electronic format, including the following:
 - a. Procurement – For all project contracts - Announcement, Affidavit, Request for Qualifications (“RFQ”), Invitation to Bid (“ITB”), Bid Tab, Scoring Sheet, Letter of Intent, Notice of Award, Contract, Plans & Specifications, Insurance/Bonds.
 - b. Regulatory Compliance – Building Permit, NYSDEC Permit, Zoning, and other as required.
 - c. Historic – Phase I, II, or III Cultural Investigations –or– Determination of No Effect.
 - d. National Environmental Policy Act (“NEPA”) – as required.
 - e. Record Documents - As-Built Drawings, Photographs, O & M Manuals, Warranty Documents, and all associated Project Documents, Inspection and Testing Reports.

**Terminal Pumping Station (TPS)
Flood Protection Improvements – 2/11/15
Page - 4 -**

- f. Invoices –Equipment, materials, Project Management, Legal, Design Engineering, Construction Management, Construction, Renovation, Testing, and other; CM/CA's Certification for Payment as to each.
- g. Any additional items provided by the contractor and the A/E of record.

Project Start-Up Commissioning:

1. Observe testing and verification of the generator, switchgear and transformer testing per the contract documents.
2. Provide four (4) site visits for one (1) engineer to witness the testing.
3. Verify testing, adjusting, and balancing are complete.
4. Prepare Report of the observed testing activities including any noted deficiencies.

Items Required from Binghamton-Johnson City Joint Sewage Board:

- A. Copies of the final construction documents, including, drawings, specifications and addenda.

Items Not Included in Scope of Services, but Available:

- A. Attendance of engineering staff at construction project meetings.
- B. Construction phase services beyond the two hundred and forty days (240) days construction duration.

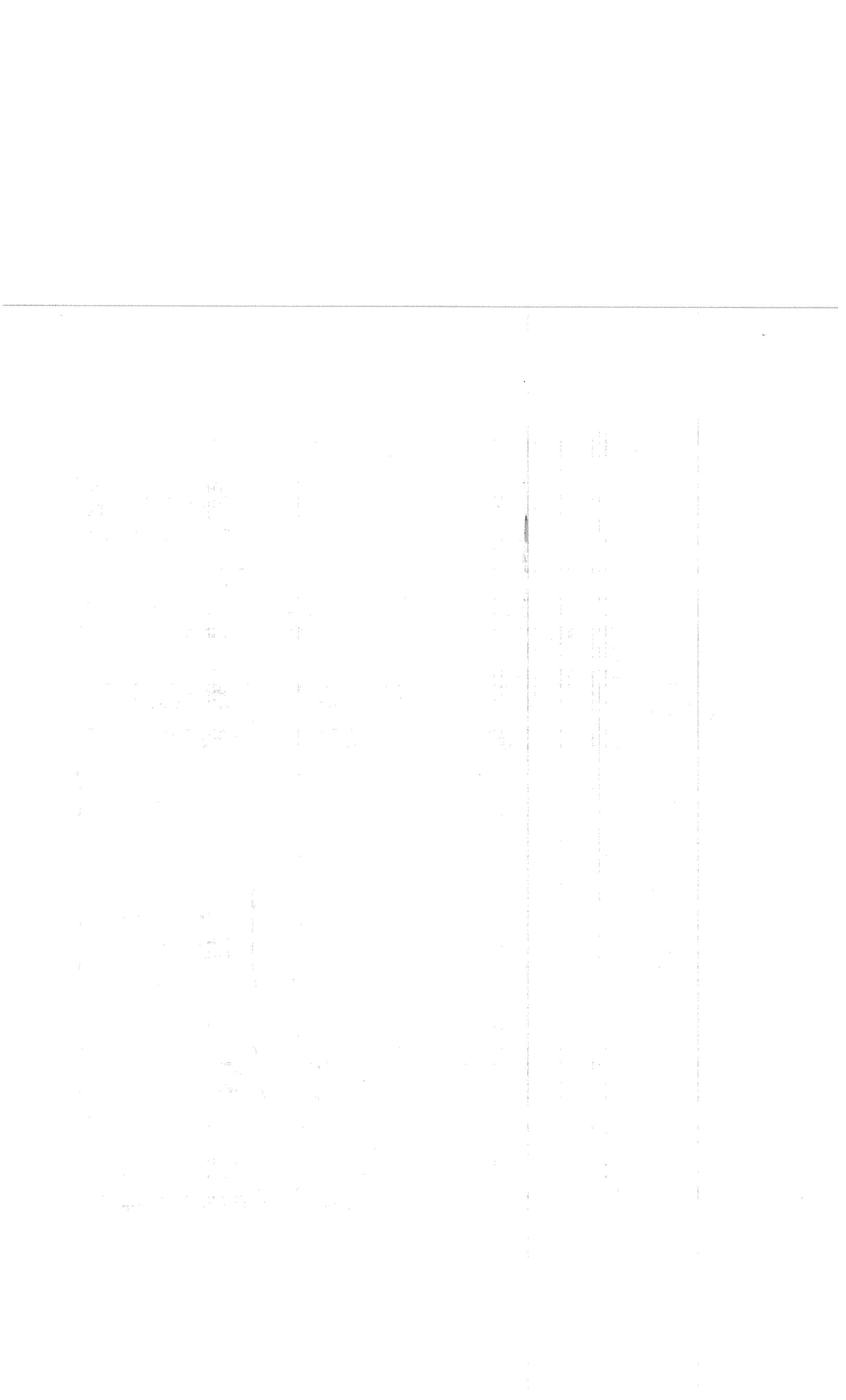
Fee:

RAM-TECH Engineers will provide the above services as follows:

Construction Phase - at not to exceed the amount of **One Hundred Forty One Thousand Three Hundred and Twenty (\$141,320.00) Dollars.**

For reference, we offer the following breakdown of our fee proposal:

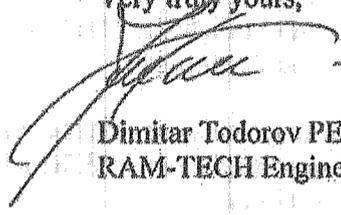
- A. Construction phase services for two hundred and forty days (240) days construction duration: **One Hundred Twenty Two Thousand Nine Hundred and Fifty (\$122,950.00) Dollars, based on One Thousand Three Hundred Seventy Two (1,372) personnel-hours.**



We are very pleased to have this opportunity to provide you with these services and look forward to working with you on this and other future projects.

Please do not hesitate to call us if you have any further questions.

Very truly yours,



Dimitar Todorov PE, LEED A.P. BD+C, ENV SP
RAM-TECH Engineers, P.C.

Accepted by Ms. Catherine Young

Date

Terminal Pumping Station (TPS)
Flood Protection Improvements -- 2/11/15
Page - 5 -

- B. Report, logs, and document processing: Eighteen Thousand Three Hundred and Seventy (\$18,370.00) Dollars, based on Two Hundred Seventy Four (274) personnel-hours.

Post-Construction Phase - at not to exceed the amount of Eight Thousand Nine Hundred and Sixty (\$8,960.00) Dollars.

For reference, we offer the following breakdown of our fee proposal:

- A. Two (2) site visits for one (1) engineer to witness the Electrical systems performance: One Thousand Eight Hundred (\$1,800) Dollars, based on Twelve (12) personnel-hours.
- B. Report of the observed Electrical systems performance including any warranty items: One Thousand Eight Hundred (\$1,800) Dollars, based on Twelve (12) personnel-hours.
- C. Assemble Post Construction Documents in electronic format: Five Thousand Three Hundred and Sixty (\$5,360.00) Dollars, based on Sixty (60) personnel-hours.

Project Start-Up Commissioning- at not to exceed the amount of Five Thousand Five Hundred and Twenty (\$5,520.00) Dollars.

For reference, we offer the following breakdown of our fee proposal:

- A. Four (4) site visits for one (1) engineer to witness the testing and verify adjusting and balancing are complete: Three Thousand Six Hundred (\$3,600.00) Dollars, based on Twenty Four (24) personnel-hours.
- B. Report of the observed testing activities including any noted deficiencies: One Thousand Nine Hundred and Twenty (\$1,920.00) Dollars, based on Thirteen (13) personnel-hours.

Invoice & Payments:

RAM-TECH Engineers will submit invoices immediately following the end of each billing period. Payments shall be received within 30 days of receipt of each invoice.