



Blanket Contract # 20170492

City of Springfield Blanket Contract Tracer Log

INSTRUCTIONS: Upon receipt, please initial and write in the date of receipt on this Tracer form. When your department has approved and signed the blanket contract, please initial and date in the forwarding section and deliver to the next department.

DEPARTMENT	DATE RECEIVED		DATE FORWARDED TO NEXT DEPT.	
	Initials	Date	Initials	Date
Office of Procurement			TGT	04/21/17
Disaster Recovery & Compliance	M.L.	4-25-17	M.L.	4-25-17
City Comptroller	LUJ	4/26/17	LUJ	4/26/17
Law		4/26/17		4/26/17
CAFO	MM	4/27/17	MM	5/2/17
Mayor	MM	5/2/17	MM	5/2/17
Office of Procurement			RW	5/3/17

Vendor No.: 16418 Contract No: 20170492 Blanket Contract Date: 01/01/2017

Blanket Contract Amount \$150,000.00

Blanket Renewal Date: NA

Blanket Contract Expiration Date: 12/31/2019

Req No.: 17012967

Act No.: 26451811-530105-64516

Bid No.: 17-070

Vendor Name: ~~Alfred Benesch & Company~~ Pinck + Co.

Blanket Contract Purpose: Consultant Services – Baystate Co-Gen Project and Hydropower at Watershops Dam

Requesting Dept.: Office of Disaster Recovery and Compliance

TYPE OF DOCUMENT (Please select at least one):

- New
 Amendment
 Extension
 Renewal

**SERVICE CONTRACT FOR CONSULTING SERVICES; PROJECT
MANAGEMENT ASSISTANCE FOR THE BAYSTATE CO-GEN PROJECT AND
HYDROPOWER AT WATERSHOPS DAM**

This Agreement is effective as of the date of execution by all parties, by and between the CITY OF SPRINGFIELD, a municipal corporation within the County of Hampden, Commonwealth of Massachusetts, with its principal offices at 36 Court Street, Springfield, Massachusetts 01103, acting by and through the Director of the Department of Disaster Recovery and Compliance (hereafter; "Disaster Recovery"), with the approval of the Mayor (collectively referred to herein as the "City"), and **Pinck and Co., a Massachusetts Entity , with a mailing address at 98 Magazine Street, Boston, MA 02119**, hereinafter the "Consultant").

WHEREAS, the Office of Disaster Recovery is in need of a qualified and experienced consultant to provide consulting services for Baystate Co-Gen and Hydroelectric Power Plant projects, projects which the City is funding in part through CDBG-NDR funds through the National Disaster Resilience Competition; and

WHEREAS, the Consultant has the experience and qualifications to provide the requested services and is willing to perform these services under the terms and conditions of this Agreement; and

WHEREAS, the services to be performed by the Consultant are services procured through the qualifications based RFP process (See City RFP No. 17-070, attached hereto and incorporated by reference as **Exhibit A**) prescribed by Massachusetts General Laws Ch. 30B § 6 (this project involves no design or engineering services); and

NOW THEREFORE, in consideration of the promises and mutual covenants and agreements contained herein, the Parties agree as follows:

I. SCOPE OF SERVICES

A. Background

1. The City of Springfield has retained the Consultant to provide Owner's Representative/Project Management Services to assist the City in overseeing the design and construction of two clean energy projects being funded by the City's CDBG-NDR Program. The first project is the Baystate Co-Generation Facility and the second project is the Watershops Dam Hydropower Facility, both are located in Springfield, Massachusetts.
2. This Project has multiple funding sources. The Consultant's main duties will include professional project oversight, as well as conducting peer reviews of design and engineering. The Consultant will also assist the City in overseeing certain aspects of the project to ensure it stays on schedule and within budget.
3. Consultant will assist the City in ensuring work is done to project specifications and assist the City in overseeing purchase of equipment, installation, construction, monitoring, compliance and

evaluation of anticipated cost savings of both projects. This work will include coordination with City of Springfield officials, administrators from Baystate Health, designers/contractors hired by both the City and Baystate Health, and other entities as necessary.

1. Baystate Co-Gen Overview

- i. The City will be providing Baystate funding for \$2.7 million in funding from the Commonwealth of Massachusetts, Department of Energy Resources and \$5 million in HUD funding through the CDBG-NDR program. Eversource/Northeast Utility will be providing a predicted \$5.1 million subsidy and Baystate will be contributing \$10,699,743 in capital funding to the project.
- ii. Baystate is responsible for all design and construction work necessary to construct the Combined Heat and Power Plant. However, due to Baystate being a sub-recipient for state and federal funding from the City of Springfield, the City of Springfield will be required to monitor and ensure compliance with applicable Local, State and Federal regulations throughout the duration of the project.

2. Watershops Hydropower Overview

- i. The City has received \$5,067,500 in HUD funding through the CDBG-NDR program to install hydro-power at the Watershops Pond Dam. The City is contributing an additional \$1,000,000 to this project.
- ii. The City of Springfield will be contracting for the design and construction of the necessary hydro-power components of this project through the City's Capital Asset Construction Department and in partnership with the Office of Disaster Recovery & Compliance.

B. Scope of Services – Baystate Co Generation Project

1. Review Background Information / Initial Due Diligence - The Consultant will become familiar with the requirements of the project, which includes but is not limited to
 - i. Review of contracts, plans, and specifications
 - ii. Review of permitting and environmental documents, permit conditions, etc.
 - iii. Review of requirements of funding sources
 - iv. Review of operative schedule
 - v. Review of construction cost breakdown/schedule of values
 - vi. Review of current progress and compliance.
2. Grant Administration
 - i. Ensure requests for money from Baystate Hospital to City are complete and accurate.

ii. Read and review for general compliance with grant conditions, wage compliance/reporting.

iii. Review Pay Requests monthly and provide feedback to the City.

iv. Maintain project records.

3. Attend monthly project meetings, monitor progress of the work.

4. Review change orders as needed.

5. Participate in startup and commissioning/closeout.

6. Consultant will provide professional project oversight, including conducting peer reviews of design and engineering if necessary.

7. Consultant will assist the City in overseeing certain aspects of ensuring the project stays on schedule and within budget. This will include reviewing invoices to ensure consistency with specifications and work completed. This will also include periodic on-site visits and attendance at construction meetings to monitor project progress, as directed by the City.

8. Consultant will assist the City in ensuring work is done to project specifications. This includes ensuring correct installation of equipment and monitoring construction. Consultant will need to provide consultation to the City, to ensure Massachusetts Building Codes, EPA permit requirements, contract requirements and specifications are being met.

8. Consultant will assist the City in ensuring compliance with applicable regulations. Assisting the City, as requested, in ensuring Davis Bacon and Commonwealth of Massachusetts Labor Standards and Prevailing Wage requirements are met, including review of certified payroll statements and review of appropriate licensure for contractors. This may also include ensuring that requirements of federal funding are met, including compliance with 2 CFR Part 200 and HUD CDBG, CDBG-DR, CDBG-NDR regulations.

9. Consultant may be requested to provide evaluation of anticipated cost savings of the Co-Generation project.

10. Other duties and tasks related to the oversight the Co-Gen project as assigned by the City of Springfield.

11. All work will require coordination with City of Springfield officials, administrators from Baystate Health, designers/contractors hired by both the City and Baystate Health, and other entities as necessary.

12. Other tasks as requested.

C. Scope of Services – Hydropower Project

1. Assist the Springfield Department of Capital Asset Construction to manage the design phase

services (hydro expected to commence construction in May 2020).

2. Review relevant background documents / Initial Due Diligence - The Consultant will become familiar with the requirements of the project, which includes but is not limited to.
 - i. Review of the initial feasibility study by GZA.
 - ii. Review of initial permitting and environmental documents, permit conditions.
 - iii. Review of the GZA proposal for design services and compare to RFQ.
 - iv. Provide comprehensive report on findings after review and recommendations on next steps
3. Review designer deliverables.
 - i. Schedule
 - ii. Permit Applications
 - iii. Basis of design
4. Perform independent peer reviews.
 - i. Schematic Design
 - ii. Design Development (50% +/- Drawings)
 - iii. 75 Percent Design
 - iv. Interconnection Service Agreement Application
 - v. Design Report
 - vi. Final Drawings and Specifications (note: GZA projection of time for completion of these documents is Nov 2019 – Feb 2020)
5. Attend progress meetings.
6. Perform constructability reviews of 50% and 75% Construction Documents (CDs).
7. Review change orders as needed.
8. Coordinate with the City of Springfield Department of Disaster Recovery & Compliance regarding grant requirements.
 - i. Review Pay Requests monthly and coordinate draws from city funds.
 - ii. Provide assistance with City Quarterly reports as directed.
9. Consultant will provide professional project oversight, including conducting peer reviews of design and engineering if necessary.
10. Consultant will assist the City in overseeing certain aspects of ensuring the project stays on schedule and within budget. This will include working with the City to establish and track a total development budget, recommending scope for and negotiating fees with the selected Designer and reviewing invoices to ensure consistency with specifications and work completed. This will also include periodic on-site visits and attendance at construction meetings to monitor project progress, as directed by the City.
11. Consultant will assist the City in ensuring work is done to project specifications. This includes assisting in the oversight of purchase of equipment, ensuring correct installation of equipment and

monitoring construction. Consultant will need to provide consultation to the City, to ensure Massachusetts Building Codes, EPA permit requirements, contract requirements and specifications are being met.

12. Consultant will assist the City in ensuring compliance with applicable regulations. Assisting the City, as requested, in ensuring Davis Bacon and Commonwealth of Massachusetts Labor Standards and Prevailing Wage requirements are met, including review of certified payroll statements and review of appropriate licensure for contractors. This may also include ensuring that requirements of federal funding are met, including compliance with 2 cFR Part 200 and HUD CDBG, CDBG-DR, CDBG-NDR regulations.
13. Consultant may be requested to provide evaluation of anticipated cost savings of the Hydropower project.
14. Other duties and tasks related to the oversight of the Hydropower project as assigned by the City of Springfield.
15. All work will require coordination with City of Springfield officials, designers/contractors hired by the City, and other entities as necessary.
16. Other tasks as requested.

D. Additional Service Considerations and Requirements

1. The City reserves the right to solicit other proposals for work that is not a part of this proposal.
2. The Vendor(s) shall comply with State and Local Laws and Regulations accordance with M.G.L. Chapter 30B.
3. The City reserves the right to obtain quotations from other vendors for specific projects when it is in the best interests of the City.
3. In the event the City of Springfield becomes dissatisfied with the performance of any Contractor or personnel assigned to perform the services under this agreement, the Contractor agrees, upon written request of the City, to assign substitute personnel with the above listed qualifications.

II. TERMS OF SERVICE

A. Consultant Contact. The parties agree that Jennifer Pinck shall be the principal representative of the Consultant assigned to this agreement, available at (617) 445-3555, and jpinck@pinck-co.com. The Consultant shall not make changes in personnel assigned to this Project without prior notification to, and approval from, the Director of the Office of Disaster Recovery, or his authorized designee/s.

B. Consultant's Warranty. The Consultant warrants that the services provided hereunder will be performed in a professional and workmanlike manner and shall conform to the Requirements more specifically set forth in this Agreement and Exhibit B.

C. Confidentiality Agreement.

1. The Consultant agrees that any and all reports prepared and conclusions reached in the performance of this Agreement are for the confidential information of the City and the Consultant shall not disclose any of the same in whole or in part to any person whatsoever or discuss the same with any person whatsoever, other than the City's authorized representative, except when called upon to do so and when authorized by the City.

2. During the term of this contract, the Consultant may have access to and become acquainted with information of a confidential or proprietary nature ("Confidential Information"), which may be either applicable or related to the present or future business of the city or the business of the Disaster Recovery and/or officials and employees, or other confidential information concerning the DISASTER RECOVERY or the City. The Consultant shall (i) not use for its own benefit or knowingly disclose to or use for the benefit any other person, any Confidential Information without the City's prior written consent; (ii) use at least the same degree of care and precautions to protect the Confidential Information from disclosure that it employs with respect to its own confidential information; (iii) disclose Confidential Information only to those of its employees or contractor who require access to perform its obligation under this Agreement; and (iv) take appropriate action by instruction, agreement or otherwise with the City's employees or other persons allowed such access to satisfy the foregoing obligations. The Consultant will comply with all applicable laws relative to such Confidential Information.

3. This Section shall not apply to any information which (i) is or becomes publicly available through no fault of the Consultant; (ii) is already in the Consultant's possession without restriction on disclosure when disclosed by the City; (iii) is independently developed by the City without use of Confidential Information; or (iv) is rightfully obtained from third parties without restriction on disclosure.

D. Satisfaction. The Consultant is responsible for ensuring that all services under this Agreement are performed to the City's satisfaction.

E. City Contact. In the performance of this Agreement, the Consultant's primary contact person at DISASTER RECOVERY is Tina Quagliato, Director of Disaster Recovery and Compliance, Tel. (413)750-2114, and by email at tquagliato@springfieldcityhaTI.com ("DISASTER RECOVERY Liaison"). The City Liaison or his/her designee will be the Consultant's contact person, will respond to the Consultant's questions related to the Project, and will receive the consultant's reports and deliverables related to the Project.

F. Ownership of Documents. The Parties agree that the city shall own all data, reports, and other deliverables generated pursuant to this Agreement.

II. TERM AND TIME FOR COMPLETION OF SERVICES

A. The term of this Agreement shall commence on January 1, 2017, and will terminate no later than December 31, 2019, unless the project ends sooner or the term is altered by mutual written agreement via amendment, or for those provisions which by their nature are continuing. The Schedule for providing the services under this agreement is contained in Exhibit C, and can only be modified by the express permission of the Director of Disaster Recovery or her Designee.

B. Any material changes to the terms of this Agreement, including the time for performance and/or fee for services must be contained in a written amendment signed by all authorized representatives of the parties listed on the signature page of this Agreement. Where no specific schedule for performance of the services is listed in the Agreement, the services will be

scheduled by mutual agreement of the Consultant and DISASTER RECOVERY.

III. COMPENSATION

A. Not to Exceed Fee: In consideration for the services rendered by the Consultant as described in the Consultants Pricing Proposal, attached hereto as **Exhibit C**, and this Agreement, the City shall compensate the Consultant in an amount not to exceed Two Hundred Thousand Dollars and 00/100 (\$200,000) including all professional fees and expenses (including travel expenses) for the entire term of the contract.

The Not – to - Exceed fee is comprised of services for both the Co-Gen and the Hydro Power facilities.

The estimated fee for the Co – Gen is \$104,126 (See Exhibit D, dated March 2, 2017).

Ninety-five Thousand Eight Hundred Seventy Four Dollars (\$95,874) is available for the Initial Due Diligence (see C.2 above) and for services to assist the City to address open issues or specific tasks related to the Hydropower Feasibility report and to commence Schematic Design, permitting or other tasks.

The Consultant shall advise the City at regular intervals on the projected estimated total fee and shall assist the City to develop a total development budget which has sufficient fee to assist the city through to the end of the Contract Term and to the completion of the Hydro Power Project.

Fee not expended on either the Co-Gen or the Hydro Power projects may be re-allocated from/to each project subject to a written request from the Consultant for such reallocation and the City's approval.

The Consultant's hourly fees are described below.

1. Principal- \$225.00
2. Project Manager-\$165.00
3. Tech. Coordinator-\$125.00
4. Mech. Engineer-\$145.00
5. Electrical Engineer - \$130.00
6. Structural Engineer – \$ 145.00
7. Hydro Power Specialist - \$ 165.00
8. Environmental Engineering- \$145.00
9. Assistant Project Manager \$105.00
10. Scheduler- \$165.00
11. Cost Estimator-\$165.00

B. Invoices: The Consultant shall invoice the Office of Disaster Recovery for services provided. The city shall make payment after processing by the City Comptroller and City Treasurer, and within thirty (30) days of receipt of invoices. Invoices shall be submitted to:

Department of Disaster Recovery and Compliance
Attn: Accounts Payable
36 Court Street, Room 405
Springfield, MA 01103

In the event that invoices are submitted prior to execution of this Agreement by all parties, payment shall be due within 30 days of execution.

IV. RECORDS

A. The records of the Consultant insofar as they relate to this Agreement shall be kept on a generally recognized accounting basis. The City or any of its duly authorized representatives or agents shall have immediate access to any books, documents, papers and records of the Consultant which are pertinent to this Agreement for the purposes of making audit, examination, excerpts, copies and transcriptions, at no cost to the City.

B. The Consultant shall retain all records and accounts, including financial records, for seven (7) years after the expiration of this Agreement, and upon termination or expiration of this Agreement, shall turn all such records over to the City.

V. TERMINATION

A. By the City:

1. The City may terminate this Agreement for cause if the Consultant breaches any material obligation under this agreement by sending written notice to the Consultant, effective 5 days after receipt unless the Consultant cures such breach within the 5 day period or, if such breach cannot be cured within 5 days, unless the Consultant commences to cure such breach within the 5 day period and diligently and continuously works to cure the breach thereafter.

2. The City reserves the right to terminate this Agreement for convenience upon 10 days written notice to the Consultant signed by the Director of the Disaster Recovery or his designee. Upon termination for convenience, the City shall pay the Consultant for satisfactory services rendered up to the date of termination.

3. In the event that sufficient funds are not appropriated by the City to cover the cost of the services under this Agreement for any fiscal year other than the first fiscal year of the Agreement (7/1/16 through 6/30/17), then this Agreement shall automatically terminate upon the exhaustion of the current appropriation, at the close of business on June 30th of the current fiscal year.

B. By the Consultant. The Consultant may terminate this Agreement if the City breaches any material obligation under this Agreement by sending written notice to the City, effective 14 days after receipt unless the City cures such breach within the 14 day period or, if such breach cannot be cured within 14 days, unless the City commences to cure such breach within the 14 day period and diligently and continuously works to cure the breach thereafter.

1. Termination of this Agreement shall not affect any rights or obligations accrued prior thereto.

2. In the event of termination and/or expiration of this Agreement the Consultant shall return all originals of documents, data, papers, and studies provided by the City and shall provide reports

prepared by the Consultant for the Project to the DISASTER RECOVERY Liaison within Five (5) business days.

VI. EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this Agreement, the Consultant agrees as follows:

A. In the performance of this Agreement, the Consultant will not discriminate against any employee or applicant for employment because of race, color, religion, age, sex, sexual orientation, gender identity, disability, family status or national origin. The Consultant will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, age, sex, sexual orientation, gender identity, disability, family status or national origin.

B. The Consultant shall, in all solicitations, or advertisements for employees placed by or on behalf of the City, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, sexual orientation, gender identity, disability, family status or national origin.

C. In the event of the Consultant's non-compliance with the non-discrimination clauses of this Agreement, this contract may be canceled, terminated or suspended in whole or in part, and the Consultant may be declared ineligible for further City contracts.

VII. NOTICES:

A. Notices to the parties under this Agreement shall be sent to the following addresses unless a party specifically notifies the other party in writing that notices should be sent to a different person or address.

The City:	Tina Quagliato Office of Disaster Recovery 36 Court Street, Room 405
With a copy to:	Office of Procurement Attn: Theo Theocles 36 Court Street, Room 307 Springfield, MA 01103
The Consultant:	Pinck and Co. Inc 98 Magazine Street Boston, MA 02119

B. Such address may be changed from time to time by either party by providing written notice to the other in the manner set forth above.

C. All notices and other communications hereunder shall be in writing, except as herein specifically provided, and shall be deemed to have been given when either received in person or mailed by first class mail postage prepaid or other delivery service, including overnight delivery, to the intended recipient hereof at its address shown above or to such other address as such intended recipient may specify in a notice pursuant to this section.

VIII. INDEMNIFICATION AND INSURANCE

A. Indemnification: The consultant shall assume the defense of (with counsel acceptable to the City) and indemnify and hold harmless the City, the DISASTER RECOVERY and their respective officers, agents and employees from any and all suits and claims against it or any of them arising from any negligent or intentional act or omission of the Consultant, its agents, associates, consultants, employees, partners or servants, in any way connected with the performance of this Agreement. This provision shall survive the termination of the Agreement.

B. General Liability Insurance: The Consultant shall at its own expense obtain and maintain General Liability Insurance in the amount of One Million Dollars (\$1,000,000.00) per occurrence, and Two Million Dollars (\$2,000,000.00) in the aggregate, covering the Consultant and any person or business entity for whose performance the Consultant is legally liable, arising out of the performance of this Agreement, naming the City of Springfield as an "additional insured".

C. Professional Liability Insurance: Effective as of July 1, 2017, the Consultant shall at its own expense obtain and maintain Professional Liability Insurance, including errors and omissions coverage, in the amount of One Million Dollars (\$1,000,000.00) per occurrence, and Two Million Dollars (\$2,000,000.00) in the aggregate, covering the Consultant and any person or business entity for whose performance the Consultant is legally liable, arising out of the performance of this Agreement, naming the city of Springfield as an "additional insured".

D. Auto Liability Insurance and Worker's Compensation Insurance: The Consultant shall also obtain and maintain all required automobile insurance coverage for any vehicles used in the performance of this Agreement, and any worker's compensation insurance required by law, at all times during the term of this Agreement.

E. Subcontractors: The Consultant shall provide, maintain and require its subcontractors, if any, to provide and maintain all insurance for its employees, including workers compensation and unemployment compensation, in accordance with the statutory requirements of the Commonwealth of Massachusetts. The Consultant is an independent contractor and is not an employee or agent of the City.

F. Certificates of Insurance: The Consultant shall file with the City a certificate evidencing such coverage and outlining policy limits and information relative to coverage and the persons covered thereby, which Certificate must be attached to this Agreement.

IX. SUCCESSORS AND ASSIGNS

A. The Consultant shall not assign or transfer its respective interests in this Agreement.

X. CONFLICT OF INTEREST

A. Consultant covenants that it has no interest, nor shall it acquire any interest, directly or indirectly, which would conflict in any manner or degree with the performance of the services hereunder.

No member, officer or employee of the City, or its designees or agents, no member of the governing body of the City, and no other public official of the City who exercises any functions or responsibilities with respect to the performance of this Agreement, during his or her tenure, shall have any interest, direct or indirect, in this contract, or proceeds thereof, for the work to be performed under this Agreement in violation of the provisions of Chapter 268A of the General Laws.

B. Compliance With Ethics Laws Requirements: To the extent applicable, the Consultant agrees to comply with the provisions of the recent amendments to Mass. Gen. Laws Ch. 268A, as amended by Chapter 20 of the Acts of 2009 ("Act"), which took effect on September 29, 2009. To the extent that certain of its key employees providing services to the City may be considered "municipal employees" or "special municipal employees" under Mass. Gen. Laws Ch. 268A, sec. 1(g) or 1(n), such employees of the Consultant may be required to complete and provide certification of compliance with the new State Ethics Commission online training requirements. Information concerning these requirements is available on the State Ethics Commission website (www.mass.gov/ethics), or by calling the Commission's Legal Division at 617-371-9500.

XI. APPLICABLE LAW AND EXCLUSIVE FORUM

A. The laws of the Commonwealth of Massachusetts shall govern the validity, interpretation, construction and performance of this Agreement. The sole and exclusive forum for the resolution of any question of law or fact arising out of this Agreement, to be determined in any judicial proceeding, shall be the Superior Court of Hampden County, or the United States District Court for the Western District of Massachusetts, sitting in Springfield, Massachusetts. It is the express intention of the parties that all legal actions and proceedings related to this Agreement or the rights or relationship of the parties arising therefrom shall be solely and exclusively brought and heard in said Courts.

XII. COMPLIANCE WITH LAWS

A. The Consultant shall comply in every respect with all applicable state and federal laws, orders, regulations and rules, and local ordinances, in the exercise and performance of the services under this Agreement.

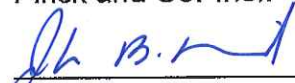
XIII. ENTIRE AGREEMENT

This Agreement represents the entire and integrated Agreement between the City and the Consultant, and supersedes all prior negotiations, representations or agreements, either oral or written. This Agreement may be amended only by written instrument signed by the parties hereto.

SIGNATURE PAGE TO FOLLOW

IN WITNESS WHEREOF, the City of Springfield, acting by and through the Director of Disaster Recovery and Compliance, with the approval of the Mayor, and Pinck and Co., Inc. have executed this Agreement as a sealed instrument on the day and year the same is signed by all parties hereto, on the latest date noted below.

THE CONSULTANT:
Pinck and Co. Inc.:


BY: Jennifer B. Pinck
Its: President
Date signed: 4/11/17

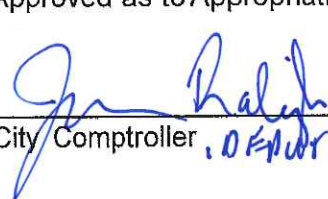
THE CITY OF SPRINGFIELD:


Office of Procurement

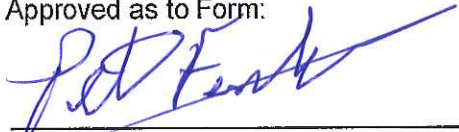
Approved:


Director of Disaster Recovery and Compliance

26451811-530105-64516 \$150,000.00
Approved as to Appropriation:


City Comptroller 4/25/17

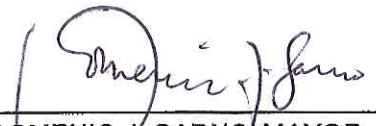
Approved as to Form:


City Solicitor

Approved:


CAFO

Approved:


DOMENIC J. SARNO, MAYOR
Date signed: 4/17/17

CORPORATE CERTIFICATE

*THIS MUST BE THE NAME OF THE PERSON AUTHORIZED IN YOUR BY-LAWS TO SIGN CONTRACTS *

**SINCE AN OFFICER CANNOT CERTIFY TO HIMSELF, SOMEONE MUST SIGN THIS OTHER THAN THE PERSON SIGNING THE CONTRACT *

I, ** Jennifer Pinck A Resident of BOSTON in

The State of MA DO HEREBY CERTIFY: that I am the Clerk/

Secretary of PINCK & CO, INC

A Corporation duly Organized and existing under a

State of MASSACHUSETTS

And that I have custody of the records of such Corporation below recited

* Jennifer B. Pinck
(Officer, person who is signing the Contract)

Authorized to execute and deliver in the name and on behalf of the following:

Consulting Services for Project Management Assistance, Baystate Co-Gen and Hydro Electric Power Plant

CONTRACT NO.20170492

Pinck and Co. Inc.

WITNESS WHEREOF, I have hereunto set my hand and affixed the Corporate Seal

Of such corporation this 19th day of April 2017

(Affix)
(Seal)
(Here)

** Susan Gready, COO
John B. Smith, President

SINGLE CORP.
DIFF. ENTITY

EXHIBIT A – City RFP No. 17-070
(see attached)

City of Springfield

Owner's Representative/Project Management Consulting Services for the Baystate Co-Gen Project and Hydropower at Watershops Dam

Office of Disaster Recovery and Resilience

City RFP No. 17-070

EXA.

RFP Due Date: December 7, 2016, 2:00 P.M. EST

I. INTRODUCTION

A. General

1. The City of Springfield, ("Owner") through its Office of Disaster Recovery & Compliance, is seeking a consultant to provide Owner's Representative/Project Management Services to assist the City in overseeing the design and construction of two clean energy projects being funded by the City's CDBG-NDR Program. The first project is the Baystate Co-Generation Facility and the second project is the Watershops Dam Hydropower Facility, both are located in Springfield, Massachusetts ("Project").
2. The City of Springfield is requesting the consulting services of an Owner's Representative/Project Manager to provide professional project oversight, conduct peer reviews of design and engineering. Consultant would also assist the City in overseeing certain aspects of ensuring the project stays on schedule and within budget. Consultant would assist the City in ensuring work is done to project specifications and assist the City in overseeing purchase of equipment, installation, construction, monitoring, compliance and evaluation of anticipated cost savings of both projects. This work will include coordination with City of Springfield officials, administrators from Baystate Health, designers/contractors hired by both the City and Baystate Health, and other entities as necessary.
3. This Project has multiple funding sources. Baystate Hospital is responsible for the design and construction of the combined power plant. This solicitation is not to secure Designer Services, but rather the obtain a firm for on-call, as needed project management and oversight assistance for the City, who is required to ensure compliance with various regulations throughout the project.

B. Pre-Submission Conference

The City of Springfield will hold a pre-submission conference on November 30, 2016, at 11:00 A.M. at the Office of Procurement, 36 Court Street, Room 307, Springfield, MA 01103. Firms wishing to submit a response to this RFP/P are encouraged to attend the conference.

C. Contract Award

1. In general, contract(s) resulting from this solicitation will be awarded to the overall Most Advantageous Proposer, whose proposal and cost will be the most advantageous to the City of Springfield to provide the required services. No contract will be effective until the City and selected Proposer sign a contract and the City issues a Notice of Award.

2. The City anticipates awarding only One (1) contract for these services. The City reserves the right to not accept any proposals and re-advertise for new proposals.

3. The nature of the contract will be an on-call contract dictated by hourly price for project assistance and compliance services. The total contract value is estimated not to exceed Two Hundred Thousand Dollars and 00/100 (\$200,000.00) in total. The Price Proposal should provide hourly rate(s) for consulting services and any other applicable charges that will apply. The Price Proposal should also include a total estimated cost of consulting services for entire project.

D. Contract Term

The proposed contract to be awarded by the City will be for the term of Three (3) years or whenever the project is complete. Project will include any compliance and reporting requirements that may arise after the project construction phase has ended.

F. Sample Contract, Terms and Conditions

1. Please see attached sample contract for Designer/Architect Services (Attachment A). This contract has been attached for reference purposes only. This RFP and the selected Designer's proposal will be appended to and become part of the Contract for Designer Service. Any Designer selected as a result of this RFP will be required to execute a Contract for Designer Services with the City that is similar to the document attached hereto.

2. The successful Proposer will be required to provide a certificate of liability insurance for the following minimum coverages:

i. Worker's compensation and employer's liability insurance as required by the Commonwealth of Massachusetts providing coverage for all claims pursuant to M.G.L. c. 152.

ii. Comprehensive automobile and vehicle liability insurance covering claims based on personal injuries, including death, and/or damages to property arising from use of motor vehicles, including onsite and offsite operations, and owned, non-owned, or hired vehicles, with not less than \$1,000,000.00 single limits and \$3,000,000.00 aggregate limits.

iii. Commercial general liability insurance covering claims based on personal injuries, including death, or damage to property arising out of any act or omission of the Contractor or of any of its employees, agents, or subcontractors, with not less than \$1,000,000.00 single limits and \$3,000,000.00 aggregate limits.

iv. The City shall be named as an additional insured and the Contractor waives subrogation against the City as to said policies. The policies will provide that they will not be cancelled without 30 days prior notice to the City.

v. The Contractor hereby agrees to and shall at all times defend, indemnify and hold the City and its officers, agents and employees, wholly harmless from any and all losses, cost, expenses (including court costs and attorneys' fees, interest and profits), claims, demands, suits by any person or persons, injuries, damages or death, and other liabilities of whatever kind or nature, caused by, resulting from, incident to, connected with, or arising directly or indirectly out of the act or omission by the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be legally responsible, whether or not

caused in part by any act or neglect on the part of the City, its officers, employees, agents or servants, or others, including parties indemnified hereunder. This indemnity shall survive termination of the contract.

II. PROJECT OVERVIEW

A. Background of Springfield, Massachusetts

1. Springfield sits on the bank of the Connecticut River, just a few miles north of the border between Massachusetts and Connecticut. According to the United States Census Bureau, the city has a total area of 33.2 square miles. The city shares borders with the towns of Longmeadow, East Longmeadow, Wilbraham and Ludlow and the city of Chicopee. The cities of Agawam and West Springfield are across the Connecticut River. As of the 2000 census, there were 152,082 people, 57,130 households, and 36,391 families residing in the city.
2. Springfield has the third largest school district in Massachusetts. It operates 38 elementary schools, six high schools, six middle schools (6–8) and seven specialized schools. The main high schools in the city include the High School of Commerce, Springfield Central High School, Roger L. Putnam Vocational Technical High School, and the High School of Science and Technology, better known as Sci-Tech. Greater Springfield boasts the second-largest concentration of institutions of higher learning in New England. The City of Springfield is home to three four-year colleges: Springfield College, Western New England College and American International College. Springfield Technical Community College is on the grounds of the former Springfield Armory. The greater Springfield area is home to nine additional colleges and universities: Elms College, Westfield State College, Amherst College, Mount Holyoke College, Smith College, Bay Path College, Hampshire College, the University of Massachusetts at Amherst, and Holyoke Community College.
3. Springfield is the economic center of western Massachusetts. Greater Springfield has the largest concentration of retail establishments in the area. Springfield is also home to the largest Fortune 500 Company in Massachusetts. Baystate Health is the city's largest employer with over 10,000 employees.
4. With its high concentration of institutes of higher learning and large medical centers such as Baystate Medical Center, the area has a number of biotech firms. Springfield also has a regional Shriners Hospital.
5. Springfield is home to Baystate Health, the largest medical center in western New England and the Western Campus of Tufts University.

B. Background CDBG National Disaster Resilience Competition

On June 14, 2014 President Obama announced the nearly \$1 billion National Disaster Resilience Competition. The competition made available \$820 million to states and local governments that experienced a presidentially declared major disaster in 2011, 2012 and 2013. The City of Springfield was one of 67 potential eligible applicants. Through to competitive Phases, the City of Springfield was one of 13 competitors recently awarded \$17 million in CDBG-NDR funds through the National Disaster Resilience Competition.

C. Baystate Co-Generation Facility Project Description

1. Baystate Health will be constructing a Combined Heat and Power Plant (CHP) which will provide electricity, chilled water and steam to Baystate Health. The new CHP plant will be composed of a new 4.6 megawatt Gas Turbine Generator (GTG), a Heat Recovery Steam Generator (HRSG), an absorption chiller, a Black Start Diesel Generator (BSDG), and a Load Management System (LMS).

2. The new CHP plant is predicted to produce 80% of Baystate Health's annual energy consumption, and will provide an annual reduction in greenhouse gases by 13, 513 tons. The CHP plant is predicted to produce 68% of the electricity and 97% of the steam utilized at Baystate. Baystate Health is an ideal candidate to install a CHP plant due to high thermal power coincidence due to its consistent operating hours. The new plant will be located in the current loading dock area adjacent to the Physical Plant Building and will provide flexible technology that could be used to provide electricity, heating and cooling.

3. Baystate Health touches over a million lives a year. They maintain the regions only Level 1 Trauma Center to care for the most seriously ill and injured patients. For over 130 years Baystate Health has operated not only as a not-for-profit healthcare provider, but also as a keystone in the Western Mass Community. The existing power plant at Baystate Health is over 40 years old, existing utility contracts expire in 2017, interruption of utility service during a man-made or environmental disaster currently only allow Baystate to stay fully operational for up to 96 hours. The emergency department at Baystate is one of the busiest emergency departments in New England, seeing over 114,000 patients per year. The installation of the new CHP plant will expand Baystate's energy resilience during a utility crisis from 96 hours up to more than 30 days.

4. The City will be providing Baystate funding for \$2.7 million in funding from the Commonwealth of Massachusetts, Department of Energy Resources and \$5 million in HUD funding through the CDBG-NDR program. Additionally, Eversource/Northeast Utility will be providing a predicted \$5.1 million subsidy and Baystate will be contributing \$10,699,743 in capital funding to the project. Baystate is responsible for all design and construction work necessary to construct the Combined Heat and Power Plant. However, due to Baystate being a sub-recipient for state and federal funding from the City of Springfield, the City of Springfield will be required to monitor and ensure compliance with applicable Local, State and Federal regulations throughout the duration of the project.

C. Watershops Pond Hydro-power Facility Project Description

1. Watershops Pond Dam is located south of the central business district of the City of Springfield along the Mill River, approximately 200 feet upstream from a bridge at Allen Street. The dam is located behind a historic building industrial building, owned by Allen Street Realty LLC, which spans over the river approximately 50 feet downstream from the dam.

2. In the late 18th century, the U.S. Federal government established the Springfield Armory and began producing muskets, with forging metal and shaping of wooden stocks taking place at "The Watershops" on the Mill River. The "Upper" Watershops, including the current Watershops Pond Dam were constructed in the mid-19th century, with hydro-electric power being added in the 1920s. When the Springfield Armory was closed, hydro-power at the Watershops Pond Dam was discontinued by the U.S. Federal Government.

3. Hydropower will be restored to Watershops Pond Dam, on land owned by the City of Springfield, immediately downstream of the dam. Access will be obtained from the Allen Street Realty LLC property, which has a right of way for access and utility purposes recorded at the Hampden County Registry of Deeds. The restored hydro-power will have the potential to generate 707,000 kWh during an average year and will be capable of functioning independent of the grid. A portion of this electricity will fully power the newly-built Brookings School, located about 800 feet to the north of the project site, which was developed to have the capacity to be used as an emergency center/shelter in the event of a disaster.

4. The City has received \$5,067,500 in HUD funding through the CDBG-NDR program to install hydro-power at the Watershops Pond Dam. Additionally, the City is contributing an additional \$1,000,000 to

this project. The City of Springfield will be contracting for the design and construction of the necessary hydro-power components of this project through the City's Capital Asset Construction Department and in partnership with the Office of Disaster Recovery & Compliance.

III. SUBMISSION PROCEDURES AND INFORMATION

A. Questions

1. Bidders may submit written questions via e-mail/fax by December 1, 2016. All inquiries related to the requirements should prominently refer to "RFP No. 17-070, Owner's Representative/Project Management Consulting Services for the Baystate Co-Gen Project and Hydropower at Watershops Dam", list the opening date, and be emailed to Theo Theocles at ttheocles@springfieldcityhall.com, or faxed to the following address:

Theo G. Theocles, Esq. Deputy Procurement Officer
36 Court Street, Room 307, Springfield, MA 01103
Phone: 413-784-4898
Email: ttheocles@springfieldcityhall.com
Fax: 413-787-6295

2. Any inquiries related to this RFP must be made in writing, submitted to the Office of Procurement by the date identified in this RFP. Inquiries submitted after the time and date specified will not be addressed. Oral questions will not be accepted at the pre-submission conference and, if necessary, addenda will be issued. Oral or written questions or inquiries will not be accepted from any third party agents or brokers.

3. The City will issue responses to inquiries and any other corrections, amendments and additional information which it deems necessary in written addenda issued prior to the closing date. Addenda will be emailed to all vendors whom requested specifications from the office of procurement. Each proposer must indicate that they have read and reviewed any and all addenda and their proposal addresses any and all modifications contained in said addenda.

4. The City considers any information, which may have been released either in writing or orally prior to the issuance of the official RFP to be preliminary in nature and the City shall not be bound by any such information.

B. General Instructions

1. The City considers any information, which may have been released either in writing or orally prior to the issuance of the official RFP to be preliminary in nature and the City shall not be bound by any such information.

2. All proposers shall furnish all information required in this RFP. Failure to submit all required material will result in the Submission being rejected by the City. The person signing the proposal must initial any erasures or changes that appear in the response for the response to be valid.

3. Brokers are not allowed to submit proposals on behalf of any firm and submissions will only be accepted from firms licensed to do work in the State of Massachusetts. Persons signing the proposal must have the authority to bind the submitting firm to the City of Springfield for any and all tasks if the firm is selected by the City.

4. Proposers may not submit alternate proposals.

5. Technical Proposals and Price Proposals should be submitted in separate sealed envelopes. The price proposal submission will remain sealed until completion of the evaluation of the Technical (non-price) proposals. The Consultant's RFP submission shall include a letter of transmittal, signed by an individual(s) authorized to bind the prospective Consultant contractually. The letter must state the RFP submission will remain valid for ninety (90) days from its submission date and thereafter until the prospective Consultant withdraws it, until a contract is executed or until the procurement is terminated by the City, whichever comes first.

C. Restrictions on Contact with City Employees

Perspective proposers are advised that, from the date of advertisement of this RFP until the award of any resultant contract, they are not permitted to contact any City employee about any matter related to this RFP, unless they have received the permission from the Office of Procurement. The restriction also extends to any broker / agent representing any firm. Any violations of the restriction clause committed by a firm, or broker / agent of a firm, are grounds for rejection of their bid.

D. General Submission Requirements

1. Submit One (1) original and Six (6) copies of the entire submission package. Please mark original clearly.
2. Submissions must be received to the Office of Procurement before 2:00 pm on December 7, 2016 at 2:00 P.M. EST.
3. Proposers are recommended to include their firm name and complete address on the outer envelope and/or package enclosing the submission. Proposals shall be addressed to:

Ms. Lauren Stabilo, Chief Procurement Officer
36 Court Street, Room 307, Springfield, MA 01103
Phone: 413-787-6284
Fax: 413-787-6295

4. Technical and Price Proposals must be clearly identified by marking the packages or envelopes with the following labels:

i. Technical Proposal:

**“Owner’s Representative/Project Management Consulting Services for the Baystate Co-Gen
Project and Hydropower at Watershops Dam- Technical Proposal”,
City of Springfield RFP No. 17-070
Due Date: December 7, 2016, 2:00 P.M. EST**

ii. Price Proposal:

**“Owner’s Representative/Project Management Consulting Services for the Baystate Co-Gen
Project and Hydropower at Watershops Dam- Price Proposal”,
City of Springfield RFP No. 17-070
Due Date: December 7, 2016, 2:00 P.M. EST**

5. The Price Proposal should provide hourly rate(s) for consulting services and any other applicable charges that will apply. The Price Proposal should also include a total estimated cost of consulting services for entire project. A percentage of construction costs is not an allowable fee.

6. Proposals are due by 2:00 pm on the closing date listed above. No proposals will be accepted after the closing time. Proposals may be delivered to the Office of Procurement at the address listed above between the hours of 8:30 am and 4:00 pm Monday through Friday, excluding holidays observed by the City, except date due submission. Proposers are responsible for informing any commercial delivery services of all delivery requirements, and for assuring that all necessary information appears on the outer wrapper of the package as directed. The City will not accept electronic or telegraphic proposals.

E. General

1. Withdrawal. Applicants may withdraw an application as long as the written request to withdraw is received by the City of Springfield Chief Procurement Officer prior to the time and date of the proposal opening.

2. Public Record. All responses and information submitted in response to this RFP are subject to the Massachusetts Public Records Law, M.G.L. chapter 66, sections 10, and chapter 4, section 7(26). Any statements in submitted responses that are inconsistent with the provisions of these statutes shall be disregarded.

3. Waiver/Cure of Minor Informalities, Errors and Omissions. The City reserves the right to waive or permit cure of minor informalities, errors or omissions prior to the selection of a Respondent, and to conduct discussions with any qualified Respondents and to take any other measures with respect to this RFP in any manner necessary to serve the best interest of the City and its beneficiaries.

4. Rejection of Responses, Modification of RFP. The City reserves the right to reject any and all responses if the City determines, within its own discretion, that it is in the City's best interests to do so. This RFP does not commit the City to select any Respondent, award any contract, pay any costs in preparing a response, or procure a contract for any services. The City also reserves the right to cancel or modify this RFP in part or in its entirety, or to change the RFP guidelines. A Respondent may not alter the RFP or its components.

5. All words, signatures, and figures submitted on the proposal shall be typed or written in ink. Proposals that are conditional obscure, or which contain additions not called for in the specifications, erasures, alterations or irregularities will be rejected.

6. The City of Springfield reserves the right to reject proposals, to waive technicalities, to advertise for new proposals, or to make awards that may be deemed to be in the best interests of the City.

7. All documents prepared for the project shall remain the property of the City of Springfield.

8. All response requirements must be submitted for each party comprising the prospective Consultant's organization, firm, or joint venture as well as any sub-consultants and sub-contractors.

F. Incurring Cost

The City shall not be held liable for any proposal preparation or, if awarded a contract, for any pre-contract activity or costs incurred by any proposer in the preparation of their proposal, preparation or presentation at an interview, during any negotiations regarding the contract, or in execution of the contract.

G. Oral Presentations / Interviews

The City may require proposers to give oral presentations / interviews regarding their proposal and / or to demonstrate the firm's capabilities to provide the City of Springfield with the necessary services required under the contract. Agents and / or brokers of any proposer will not be allowed at any presentation or interview. If shortlisted for an interview, the proposer will be notified of the exact requirements to be addressed at the interview.

H. Examination of Specifications

The proposer shall carefully examine the RFP and all other documents and data associated with this contract, and become familiar therewith. The Proposers shall not at any time after executing a contract, make any claims whatsoever alleging insufficient data or incorrectly assumed conditions, nor shall he claim any misunderstandings with regard to the nature, conditions, or character of the work to be completed under this contract, and shall assume all risks resulting from any changes in the conditions which may occur during the progress of the work.

G. Pertinent Dates

RFP Advertisement Date	November 16, 2016
Pre-Submission Conference	November 30, 2016, 11:00 A.M.36 Court Street, Springfield, MA 01103, Room 307
Final Date for RFP Questions	December 1, 2016, 4:30 P.M.
RFP Submission Date	December 7, 2016, 2:00 P.M.
Contract Award Date	No Later than December 31, 2016

IV. SCOPE OF SERVICES

A. General Scope

The City of Springfield is seeking Owner's Representative/Project Manager Consulting Services to provide the following services for both the Baystate Co-Generation Facility and the Watershops Dam Hydropower Project.

1. Consultant will provide professional project oversight, including conducting peer reviews of design and engineering.
2. Consultant would also assist the City in overseeing certain aspects of ensuring the project stays on schedule and within budget. This will include reviewing invoices to ensure consistency with specifications and work completed. This will also include on-site visits and attendance at construction meetings to monitor project progress, as directed by the City.
3. Consultant would assist the City in ensuring work is done to project specifications. This includes assisting in the oversight of purchase of equipment, ensuring correct installation of equipment and monitoring construction. Consultant will need to provide consultation to the City, to ensure Massachusetts Building Codes, EPA permit requirements, contract requirements and specifications are being met.
4. Consultant will assist the City in ensuring compliance with applicable regulations. Assisting the City, as requested, in ensuring Davis Bacon and Commonwealth of Massachusetts Labor Standards and Prevailing

Wage requirements are met, including review of certified payroll statements and review of appropriate licensure for contractors. This may also include ensuring that requirements of federal funding are met, including compliance with 2 CFR Part 200 and HUD CDBG, CDBG-DR, CDBG-NDR regulations.

5. Consultant may be requested to provide evaluation of anticipated cost savings of both projects.
6. Other duties and tasks related to the oversight of both projects as assigned by the City of Springfield.
7. All work will require coordination with City of Springfield officials, administrators from Baystate Health, designers/contractors hired by both the City and Baystate Health, and other entities as necessary.

V. FORMAT OF RFP RESPONSES

A. Required Information

The Consultant's RFP submission shall contain the following information in the sequence presented, and each section should be organized under a separate heading:

1. Describe the prospective Consultant's general understanding of the scope of services and the key issues associated with performing the required consulting services and the specific disciplines involved. In addition, include statements covering the prospective Consultant's familiarity with:
 - i. Power Plant Construction and Operation
 - ii. Grant Management
 - iii. General Project Management
 - iv. Project Compliance
 - v. Experience with Federally Funded Projects
2. Provide a detailed plan for how the prospective Consultant plans to carry out the services requested within this RFP.
3. Include summary résumés of key personnel proposed to staff this project and descriptions of comparable projects performed by the personnel to be assigned to this work. For each such key employee, indicate whether such employee is to be assigned on a full-time or part-time basis. If an employee is to be assigned part-time, indicate the percentage of his or her time that will be devoted to this project. No substitution of Key Personnel will be allowed without the written authorization of the City.
4. Provide the names, addresses and telephone numbers of clients for whom the prospective Consultant has performed work similar to that proposed and who may be contacted as references. Preferably, references should include municipalities or governmental agencies similar to the City and should include the recent similar projects previously mentioned.
 - i. Proposers must provide a minimum of Three (3) references of similarly sized and valued projects.
5. Include a project organization chart and a staffing scheduling chart indicating present and future staffing commitments for the prospective Consultant. The staffing scheduling chart should show current projects as well as future planned projects and how this work will be staffed.
6. Include a detailed description of all related projects, experience and ability that will demonstrate compliance with the experience and expertise the City is requesting.

7. Cover Letter. At a minimum, the Cover Letter must:

- i. Provide a summary of similar experience.
- ii. Identify the Project Manager.
- iii. State that the submitting firm has an office in the State of Massachusetts.
- iv. Includes a statement that the proposer accepts all terms and conditions contained in the RFP.
- v. Provide a statement that addenda have been received, reviewed, and accepted as part of the response to the RFP.

IV. EVALUATION PROCEDURE AND CRITERIA

A. Submission Requirements

Any proposer who does not meet all of the outlined submission requirements, including submission of all necessary forms and documents, will be rejected, deemed non responsive, and will not be considered for the contract.

B. Selection Committee

A Selection Committee including representatives from the Office of Community Development, Office of Capital Asset Construction and the Office of Disaster Recovery & Compliance will review responses forwarded from the Chief Procurement officer that have met minimum requirements.

C. Selection Process

1. Upon receipt of all submissions deemed to meet all of the outlined submission requirements; the selection committee will review independently all of the proposals using the Consultant Ranking Form located on Attachment C for each Proposer. Proposers will then be ranked from highest to lowest based upon scores achieved. 1) The Chief Procurement Officer will examine all responses received, to determine compliance with the minimum requirements set forth in this RFP. Any respondent whose qualifications or experience do not meet the minimum requirements will not be considered for the engagement.

2. After confirming that all proposals met the City's minimum criteria and have been ranked, the City will compare pricing rates for the services specified to determine who the Most Advantageous Proposer is. The Most Advantageous Proposer will be recommended for Contract award.

3. The City reserves the right to request supplementary information to be provided. The City also reserves the right to interview proposers and check references. If an interview is required the proposer will be notified of the exact requirements to be addressed at the interview.

4. The Selection Committee will check references of the parties, and conduct interviews with specific focus on recent large energy and construction project experience, experience with public-private partnership funded projects, experience with federally funded projects, especially HUD, experience with State funded projects, especially DOER, familiarity with 2 CFR Part 200, familiarity with the Massachusetts Building Code, cost-containment efforts, and to obtain additional information to amplify or supplement the materials received in response to the RFP or the request for supplementary information.

5. The Owner reserves the right to consider any other relevant criteria that it may deem appropriate, within its sole discretion, and such other relevant criteria as HUD and/or DOER may request. The Owner may or may not, within its sole discretion, seek additional information from Respondents.

D. Evaluation Criteria

1. In addition to the minimum requirements set forth above, the following ratings will be used to measure the relative merits of each proposal that met the above delineated Minimum Evaluation Criteria, against each of the criteria listed below.

Highly Advantageous: The proposal fully meets and significantly exceeds the standards of the specific criterion.

Advantageous: The proposal fully meets the evaluation standard of the specific criterion.

Not Advantageous: The proposal does not fully meet the evaluation standard of the specific criterion, is incomplete, unclear, or both.

Unacceptable: Proposal is non-responsive to criterion.

2. Experience Providing Owner's Representative/Project Management Consulting Services to Governmental Agencies

HA The Proposer has demonstrated more than ten (10) years of experience providing owner's representative/project management services to governmental agencies. Specifically, comparable consulting experience should include public infrastructure projects, micro-grid, power plant and/or hydro-power projects for public entities and/or educational/medical institutions.

A The Proposer has demonstrated between five (5) years and ten (10) years of experience providing owner's representative/project management consulting services to governmental agencies. Specifically, comparable consulting experience should include public infrastructure projects, comparable micro-grid and hydro-power projects for public entities and/or educational/medical institutions.

NA Proposer has not demonstrated at least five (5) years of experience providing providing owner's representative/project management consulting services to governmental agencies. Specifically, comparable consulting experience should include public infrastructure projects, comparable micro-grid, power plant and hydro-power projects for public entities and/or educational/medical institutions.

U Non-responsive.

3. Knowledge of Applicable Laws

HA The Proposer has demonstrated a superior understanding of applicable federal laws and regulations and has a successful track record managing projects that involve federal funds. Specifically, HUD CDBG/CDBG-DR/CDBG-NDR Regulations, 2 CFR Part 200, Davis Bacon and Commonwealth of Massachusetts Labor Standards and Prevailing Wage requirements.

A The Proposer has demonstrated an adequate understanding of applicable federal laws and regulations and has a successful track record managing projects the involve federal funds.

Specifically, HUD CDBG/CDBG-DR/CDBG-NDR Regulations, 2 CFR Part 200, Davis Bacon and Commonwealth of Massachusetts Labor Standards and Prevailing Wage requirements. Specifically, HUD CDBG/CDBG-DR/CDBG-NDR Regulations, 2 CFR Part 200, labor standards and Davis Bacon requirements.

NA The Proposer has not demonstrated an adequate understanding of applicable federal laws and regulations and has a successful track record managing projects that involve federal funds. The proposer has no demonstrated adequate understanding of experience with HUD CDBG/CDBG-DR/CDBG-NDR Regulations, 2 CFR Part 200, Davis Bacon and Commonwealth of Massachusetts Labor Standards and Prevailing Wage requirements.

U Non-responsive.

4. Successful Completion of Public Construction Projects

HA The Proposer has demonstrated a track record of assisting in the oversight in completion of over ten (10) large public construction projects, including public facilities, educational/medical facilities, public-private partnerships. Track record should include projects that stayed within budget and on-schedule, complied with all applicable laws, including the OSHA, Labor Standards, Prevailing Wage and Massachusetts State Building Code.

A The Proposer has demonstrated a track record of assisting in the oversight in completion of five (5) – ten (10) large public construction projects, including public facilities, educational/medical facilities, public-private partnerships. Track record should include projects that stayed within budget and on-schedule, complied with all applicable laws, including the OSHA, Labor Standards, Prevailing Wage and Massachusetts State Building Code.

NA The Proposer has not demonstrated successful completion a minimum of five large public construction projects, including public facilities, educational/medical facilities, public-private partnerships. Track record should include projects that stayed within budget and on-schedule, complied with all applicable laws, including the OSHA, Labor Standards, Prevailing Wage and Massachusetts State Building Code.

U Non-responsive.

5. Experience with Energy Resilience Projects

HA The Proposer has demonstrated over ten (10) years of experience working on highly technical, complex energy resilience projects. Projects should include micro-grids, power plants and/or hydro-power projects in public/educational and/or medical facilities. Projects should be at least partially publicly funded.

A Proposer has demonstrated more than five (5) years of experience, but less than ten (10) years of experience providing oversight of highly technical, complex energy resilience projects. Projects should include micro-grids, power plants and/or hydro-power projects in public, educational and/or medical facilities.

NA Proposer a minimum of three (3), but less than five (5) years of providing oversight of highly technical, complex energy resilience projects. Projects should include micro-grids, power plants and/or hydro-power projects in public, educational and/or medical facilities.

U Non-responsive.

ATTACHMENTS

Attachment A: Draft Contract for Services with City of Springfield (Example contract form for reference only). The Attachment includes pertinent Federal Procurement Statutory Language.

Attachment B: Minimum Criteria Checklist

Attachment C: Comparative Criteria to be used by Evaluation Committee

Attachment D: Forms and Certifications to be completed and submitted with proposal:

1. Request for Proposals Cover Sheet, Signed (This is the RFP Cover Sheet and is not actually included in Attachment D, but is still required for submission)
2. Tax Certification Affidavit
3. Collusion/Fraud Statement
4. Affirmative Action Forms and Corresponding Affirmative Action Plan
5. Debarment Certificate

Pricing Submission: Submit Pricing Proposal and Tech. Proposal in separate sealed packages

End of Request for Qualifications for Designer Services

EXHIBIT B –RFP RESPONSE

(See attached)

M

MOTT
MACDONALD

M



EXB

ORIGINAL

17-070 Owners
Representative/Project
Management Consulting
Services

...

CITY OF SPRINGFIELD, MASSACHUSETTS
OFFICE OF PROCUREMENT
CITY HALL, RM. 307,
36 COURT STREET, SPRINGFIELD, MA 01103

REQUESTS FOR PROPOSALS

RFP Number: 17-070; Owners Representative/Project Management Consulting Services for the Baystate Co-Gen and Hydropower at Watershops Dam

Proposals will be received at the Office of Procurement until 2:00 P.M. EST December 7, 2016 and will be logged in at that time. Proposals received after the due date and time will be returned unopened and not considered.

Proposers must submit their bid response in a sealed envelope marked "17-070; Owners Representative/Project Management Consulting Services for the Baystate Co-Gen and Hydropower at Watershops Dam" and including the Vendor's name on the sealed envelope and opening date.

By: Lauren Stabilo, Chief Procurement Officer

This proposed procurement is for: Consulting Agreement; Owners Representative/Project Management Consulting Services for the Baystate Co-Gen and Hydropower at Watershops Dam

As requested by: City of Springfield, Department Disaster Recovery and Resilience

Acknowledge addenda number(s): We acknowledge that there were no addenda issued

This Proposal is submitted by:
Pinck & Co., Inc.

(Company Name)

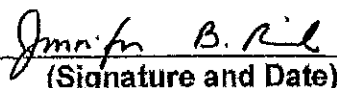
98 Magazine St., Boston, MA 02119

(Company Address)

signed by:

Jennifer Pinck, President

(Printed or Typed Name and Title)


(Signature and Date)

12 / 06 / 2016

Telephone Number: 617-445-3555

Fax Number 617-445-3511

E-mail: jpinc@pinck-co.com

Dear Ms. Stabilo

Pinck & Co. and Mott MacDonald, LLC (Mott MacDonald) is pleased to submit this proposal to the City of Springfield Massachusetts to provide Owner's Representative/Project Management Consulting services for the Baystate Co-Gen Project and Hydropower at Watershops Dam as outlined in the Request for Proposal (RFP) No. 17-070.

Our team has a strong interest in working with the City of Springfield providing engineering and project management services for the aforementioned projects. Based on our team's strong and proven record of accomplishment working with municipalities, extensive experience with the engineering and project management of similar projects, and our strong knowledge of New England and the local communities, we can work as a team to make the projects successful.

Key reasons to choose the Pinck & Co. and Mott MacDonald team

1. Over five years of experience working on a variety of applicable and similar projects.
2. Over five years of experience in the oversight of public infrastructure projects
3. Over three years of work in highly technical, complex energy resilience or energy related projects, including micro-grids
4. Have worked on more than three larger scale public-private partnered projects with federal funding.
5. Our engineers understand how to effectively interface with all stakeholders.
6. Our engineers have decades of significant experience in city streets and urban areas.
7. Detailed design experience – Mott MacDonald has provided detailed design services and construction support for dozens of similar projects
8. Project management experience – Pinck & Co. and Mott MacDonald have each managed numerous similar utility infrastructure projects. We understand a municipality's obligations to stakeholders, regulators and the community.
9. Pinck & Co and Mott MacDonald have extensive environmental and permitting experience and have expertise with the complex Massachusetts Siting Board process.
10. Our team will be committed to providing the City of Springfield with the staff the project requires for the duration of the project.
11. We have a fully qualified and experienced team ready for this work.
12. Location – Our team has office locations in Springfield Massachusetts making our team available and accessible to the City of Springfield personnel.

Mike Fitzgerald, PE, MCPPO of Pinck & Co. will be assigned as the Project Manager and will be assigned to both the Co-Gen and Hydro projects from beginning to the end. Continuity is critically important on complex projects and I commit to this assignment for him. Mike has over 20 years of experience in the Army Corps of Engineers, on complex civil and infrastructure projects both at home and abroad.

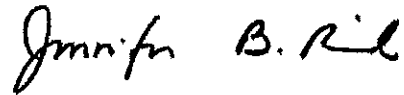
Mike will have the engineering resources of Mott MacDonald to provide critical engineering peer and plan reviews as well as quality control during construction. For the hydro plant, Mott MacDonald will be deeply engaged in supporting the City of Springfield in selection and procurement of the critically important owner-provided equipment.

In addition, Pinck & Co is Massachusetts certified WBE and DBE. We carry all insurances as noted in the RFP.

We accept the terms and conditions in the RFP. No addenda were issued.

We thank you for the opportunity to submit this response and look forward to hearing from you.

Sincerely

A handwritten signature in black ink that reads "Jennifer B. Pinck". The signature is written in a cursive, slightly slanted style.

Jennifer Pinck

President

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1 Scope of Services

The key issues we would be involved early in the project is the status of the project schedule-wise and cost-wise including the degree of completion of the engineering and construction, degree of procurement completion and the risks associated with the schedule and costs to avoid cost increases or delays in the schedule.

We will be evaluating the specifications as to compliance with codes and standards and regulations in Massachusetts and the regulations of the City of Springfield. Again to confirm that the potential for scope changes from the EPC contractor are minimized.

We will evaluate the quality of the work done so far and the degree of completion of the drawings in addition to the field operations of the contractor to confirm that noise control, dust control and other requirements are met

1.1 Power Plant Construction and Operation

Mott MacDonald offers a high degree of expertise in the detail design of industrial cogeneration facilities specializing in equipment selection and layout of facilities ranging in size from several hundred KW to greater than 1000 MW.

Mott MacDonald has provided engineering services for both greenfield design and retrofit projects. Technologies include gas turbine simple cycle, gas turbine combined cycle, packaged boilers, gas or diesel fired reciprocating engines, waste heat boilers, steam turbines with extraction or full condensing cycles. Additionally, our staff has experience in the sizing and selection of equipment necessary to support the design of wind, biomass, bio-diesel, solar and other renewable generation technologies.

Mott MacDonald is capable of providing the design, specifications and selection of all equipment including large storage tanks suitable for process fluids, mechanical and electrical support equipment including packaged boilers, steam turbines, back-up generators, cooling towers, fin fan heat exchangers, switchgear, engineered buildings, and electrical distribution systems.

1.1.1 Related Services

- Specification and sizing of prime mover equipment
- Construction Support
- Commissioning
- Protective Device Coordination Studies

1.2 Grant Management

Pinck & Co. works closely with clients to anticipate the issues, concerns and requirements that are integral to complying with funders requirements. Pinck & Co. projects have used Grants from ARRA and HUD-CDBG grants, Mass Development bond financing, New Markets Tax Credits, Historic and Low Income Housing tax credits, private sources from local banks, and many others. Working with these sources we have an excellent record of accomplishment and are known to provide timely and proactive information that supports each organization's needs and requirements.

In addition, we have experience both reporting to and monitoring others who are required to report HUD and other state and federal agencies. Key to success is getting buy-in early on the content and timing of that reporting as well as establishing appropriate communication protocols. Our approach to project management ensures that these tasks are done early and correctly.

1.3 General Project Management

Project Management is the foundation of our business - it's what we do. We are experts at understanding the needs of owners and helping them navigate the many complex processes and phases of a construction project. We know what can go wrong and know how to anticipate potential costs and budget for the unforeseen. Pinck & Co. manages all activities from feasibility, selection of the design team, design coordination, permitting and approvals, bid and award, construction and commissioning, through closeout. Projects range from \$100,000 to over \$500 million – often with complex phasing and logistical requirements in occupied settings.

The team will approach the project with the goal of participating in any way possible to help foster a successful project. This requires complete understanding of the objectives, challenges and organization, and the awareness of how various project elements must be implemented in a coordinated fashion. Our contribution and role will be implemented in a manner that makes sure project priorities are understood and being supported. We will clearly define the project's scope and develop a comprehensive schedule to identify critical needs see that they are understood and included in our work plans. We also support an approach that utilizes a risk assessment process to capture key milestones, decisions and actions that must occur to avoid identified risks.

Pinck & Co. and Mott MacDonald have built impeccable reputations by participating in successful projects. We take great efforts to ensure our management team takes a comprehensive approach to a client's projects, and provides insight, guidance and solutions to facilitate the achievement of project goals. Accordingly, our approach focuses on:

- Selecting the right resources.
- Providing a deep pool of technical and managerial resources to support our project team, which includes a broad set of skills and project experience performing both design management and construction management on power projects.
- Comprehensive project control capabilities to plan and manage the work, measure performance, provide proactive insight to potential problems or possible opportunities, and facilitate alignment of team execution.

1.4 Project Compliance

We will establish and maintain a system to track and document compliance, reporting the results to both internal management and external oversight groups. We will monitor compliance with hiring, procurements, purchasing commitments, and permitting commitments. We see compliance not as a side task but one that's integral to the project's success. For example, it is critical that the permitting process be tracked by the Owner's representatives and assessed regularly for risk, particularly to completion dates. Services include coordination and monitoring of compliance with legislative mandates and environmental mitigation; we have also provided support in negotiations with municipal development agencies and worked with technical consultants for noise mitigation requirements and accessibility compliance.

Construction and Commissioning certification is included under the umbrella of Project Compliance and is essential for maintaining a fast track project schedule. This provides a logical turnover of systems to allow commissioning to begin in phase with construction and documents verified proper installation and system integrity. Certification also encompasses punch list tracking and resolution with appropriate priority to achieve timely mechanical completion.

1.5 Experience with Federally Funded Projects

Pinck & Co. and Mott MacDonald have both worked on a number of large federally funded projects. This work ranges from leadership on public procurement for metro and state-wide projects, mitigation management on projects impacting millions of citizens, and evaluating real estate developments on projects up to \$1 billion. Major federally funded projects include the Central Artery/Tunnel Project and the Deer Island Treatment Plant. Additionally, proposed Project Director Michael Fitzgerald, PE was an Engineer/Officer for the United States Military and managed many large federally funded projects both in the U.S. and overseas.

2 Project Execution Plan

We have reviewed the general scope of work statement included in Section IV.A. of the RFP and the preliminary list of Owner's Representative/Project Manager Consulting Services tasks and concur with the scope. We are very familiar with each of these tasks and practice an identical process regularly – project oversight, peer reviews of design and engineering, schedule and budget management, on-site monitoring and progress reporting, coordination of purchase and installation of equipment, assuring cost certainty and value engineering, coordination of permits and city department approvals, , developing strategy for and implementing the public approvals process, and leading project close-out – this is what we do.

Melding an understanding of your project goals with our broad professional experience, we will form a team capable of delivering the highest quality project for the City of Springfield and the Baystate Co-Generation Facility and the Watershops Dam Hydropower Project on time and on budget.

2.1 Baystate Co-Gen

2.1.1 Due Diligence

Upon selection, we would spend three weeks to review and become familiar with key aspects of the project, utilizing input documents from the Owner. These tasks would include:

- Technical review
- Environmental permit review
- Status of project
- Schedule
- Funds and funding requirements
- Contracts
- Permit status

We would then deliver a report of our findings at the end of the due diligence period which would include details on the schedule of our activities and a final budget for the scope of work.

2.1.2 Execution

Once engaged, our regular course of duties would include:

- Attend job meetings
- Conduct occasional site visits
- Monitor and review compliance with sources of funds (e.g. wage rates)
- Review pay requests and change orders
- Bi-weekly reports
 - Schedule analysis
 - Cost risks

– Open issues

2.1.3 Technical Oversight

An emphasis during the life of this project would be oversight of the technical elements and ensuring quality. We will review:

- Specifications
- Material & Energy balances
- Environmental
- Bulletins, etc.
- Factory Acceptance Testing (FAT) / Vendor compliance

2.1.4 Startup and Testing

- Construction Progress (A & B Check Sheets)
- Turnover Packages
- Commissioning Procedures
- Certification documentation
- Punch List Items

2.1.5 Close-Out

- Manage receipt of certificates of completion
- Secure receipt of final lien waivers, wage reporting, other compliance documents
- Oversee that as built drawings are formulated by the contractor
- Advise the City as to disposition of drawings and specs

2.2 Hydropower at Watershops Dam

2.2.1 Due Diligence

We would spend three weeks to review and become familiar with key aspects of the project. These tasks would include:

- Technical / Design review
- Environmental permit review
- Status of project
 - Obtain and review any conditions or assessments reports
 - Obtain and review any permits or outstanding compliance issues
- Schedule
- Grants and compliance
- Contracts
- Permit status

We would then deliver a report of our independent findings.

2.2.2 Execution

After conducting the due diligence phase, our scope of services is comprised of the following areas:

1. Team Assembly
2. Planning and Design
3. Bid and Award (Engineer & Constructor)
4. Construction Coordination and Administration
5. Close-out

2.2.2.1 Team Assembly

We are right there at the beginning of each project, helping to assemble the most experienced and effective teams. We take on the responsibility for not only hiring the best architects, designers and contractors for the job, but also ensuring that they work together as a team throughout the length of the project. We will:

- Solicit proposals for additional engineering and professional services, including:
- Prepare Request for Proposals to obtain services or items to be purchased directly Springfield. Items may include:
 - Data and telecommunications infrastructure and equipment
 - Fire alarm monitoring services
 - Security systems
- Negotiate fees and contracts

2.2.2.2 Planning and Design

Our team will participate in the design process to develop optimum pricing and functionality. We promote value analysis and engineering to provide quality at the best price within the established budget. We will:

- Coordinate planning and phasing
- Facilitate community and neighborhood meetings
- Identify permitting requirements and participate with team on meetings with and presentations to permitting authorities
- Review design documents maintaining program goals and cost effective design; see technical scope below.
- Review and comment on plans and specifications at all design phases with special emphasis on
- Review and comment on selected systems with respect to durability, operating and/or maintenance costs. Conduct life-cycle cost review
- Identify phasing constraints and opportunities and integrate into the master schedule
- Perform peer reviews
- Identify permits, develop a permitting strategy; coordinate all applications attend hearings and represent City, as needed.
- Engage professional cost estimator(s) and review and reconcile cost estimates, if needed or requested (as additional service)
- Identify long lead items and procurement strategy for on time delivery

2.2.2.3 Bid and Award

Recommend the optimal construction delivery to meet both schedule and budgetary constraints and to manage risks of cost increases, unforeseen conditions and schedule delays. We will:

- Identify and recommend best construction delivery method
- Assemble contract documents. Items may include:
 - Unit prices and Alternates
 - Bid Form and Instructions
 - Insurance and Bonding Requirements
 - Funder requirements
 - Phasing constraints and logistics
- Prepare and issue advertisements, respond to inquiries, issue addenda

2.2.2.4 Construction Coordination and Administration

Administer the contract for construction and provide general coordination to minimize impacts, control cost and schedule, respond to field conditions, and provide proactive notice and communication to all parties. We will:

- Review and process requisitions from General Contractor/CM
- Coordinate inspections by funders as needed
- Attend job meetings; take and distribute job meeting notes
- Conduct site visits to monitor progress, quality, and compliance with the plans, specifications and site constraints
- Establish controls for coordination with environmental neighborhood concerns. Areas of concern may be:
 - Pedestrian access and safety including notifications & signage
 - Truck access, parking and delivery logistics, noise, odor, and dust control
 - Hours of operation
- Provide a Clerk of Works, if needed, to monitor the progress and quality of the work; monitor that daily reports are recorded and distributed if requested (as additional service)
- Review and track required documentation (Insurance certificates, permits, lien releases, waste manifests)
- Coordinate with the designers:
 - Conformance with plans and specifications
 - Timely response to field concerns and issues
 - Compliance with environmental and permitting conditions
- Facilitate coordination with utilities for the timely delivery of new or upgraded services to the site
- Coordinate independent testing and inspection services
- Review and comment on field changes, Requests for Information, Architect's Supplemental Instructions, and Construction Manager two-week look ahead schedules
- Provide construction change management reporting and control; perform independent review of all change orders and check that proper back up and documentation is provided

- Track and report on Owner's construction contingency including all identified actual change orders and potential cost risks

2.2.2.5 Close-out

Close-out is critically important to the turnover process when a project nears completion.

Targeted activities include, but are not limited to, items such as:

- Coordinate commissioning and startup of systems
- Coordinate the delivery and/or installation of pre-purchased or owner-supplied items
- Complete, orderly, and, per schedule turnover of all identified documents from EPC (and other) contractors, vendors, suppliers, and utilities and governmental authorities.
- Review content of documents for completeness and accuracy of content
- Review and execute required contractual documents and forms per EPC (and various other) contracts and agreements
- Document all punch list and change order details have been reviewed and closed out
- Coordinate with the client and EPC contractor that all testing and permit related data have been filed with appropriate agencies.
- Confirm all contract commercial "final activities" have been fulfilled prior to final contractor payment (lens, waivers, trailers, off site, etc.)
- Issue comprehensive "Owner's Engineer Report" which typically includes a "lessons learned" section
- Confirm a warranty plan is in place with vendors and subcontractors as applicable
- Obtain all final compliance documents (wage rate reporting, certificates of completion)

2.3 Technical Oversight

An important component of the Owner's Representative role will be to review engineering documents prepared by the EPC Contractors and vendors and all other third parties for compliance with the EPC Contracts, applicable codes and standards, permits and prudent engineering practice. The review of documents provided by the EPC Contractor does not relieve the EPC Contractor of its responsibilities under the contract, but rather provides a method for compliance and allows the Owner to identify and request correction on issues of non-compliance to EPC contract during the execution process.

2.3.1 Engineering Documents

The following project engineering drawings and documents produced by the EPC Contractors (or any other contractors) associated with the project and as applicable:

2.3.1.1 Mechanical/Chemical

- Integrated heat balances
- Water mass balances
- Piping and instrument diagrams

- General arrangements
- Plant arrangements including elevations and sections
- 3-D Model review
- Major systems design review including Feedwater, Condensate, HP, IP, LP, and Aux Steam Systems, Bypass Systems, Aux Cooling System, Fuel Gas including stress analysis calculations, where appropriate.
- Piping Line List/Pipe Class List
- Valve List
- Miscellaneous Device List
- Hazardous area classification drawings
- Fire hazard analysis and protection drawings
- Fire protection system calculations
- HVAC design calculations
- Underground piping drawings
- Cathodic protection drawings
- System descriptions
- HAZOP analysis done by the EPC and if not in their scope, to conduct an appropriate HAZOPs analysis and issue a report

2.3.1.2 Civil/Structural

- Geotechnical report
- Foundation design criteria and foundation drawings
- Site drawings including site prep and Site Arrangement
- Site grading and drainage drawings
- Structural steel drawings
- Pre-engineered building drawings

2.3.1.3 Electrical

- Load Flow/Short Circuit calculations
- GSU Voltage/VAR flow calculations
- Motor Starting calculations
- Underground raceway drawings
- Aux electric system design review
- One-Line and Three-Line diagrams
- Metering and Relaying diagrams
- Protective relaying study
- Generator excitation including metering, synchronizing, and relaying diagrams
- Master Schematic Diagrams (Typicals)
- Medium Voltage Schematics
- Arc-flash study
- Lighting drawings
- Communication drawings
- Plant grounding study
- Grounding drawings
- Electrical load list

- Emergency/critical load list and EDG sizing
- Freeze protection and heat tracing specification
- System descriptions

2.3.1.4 Controls

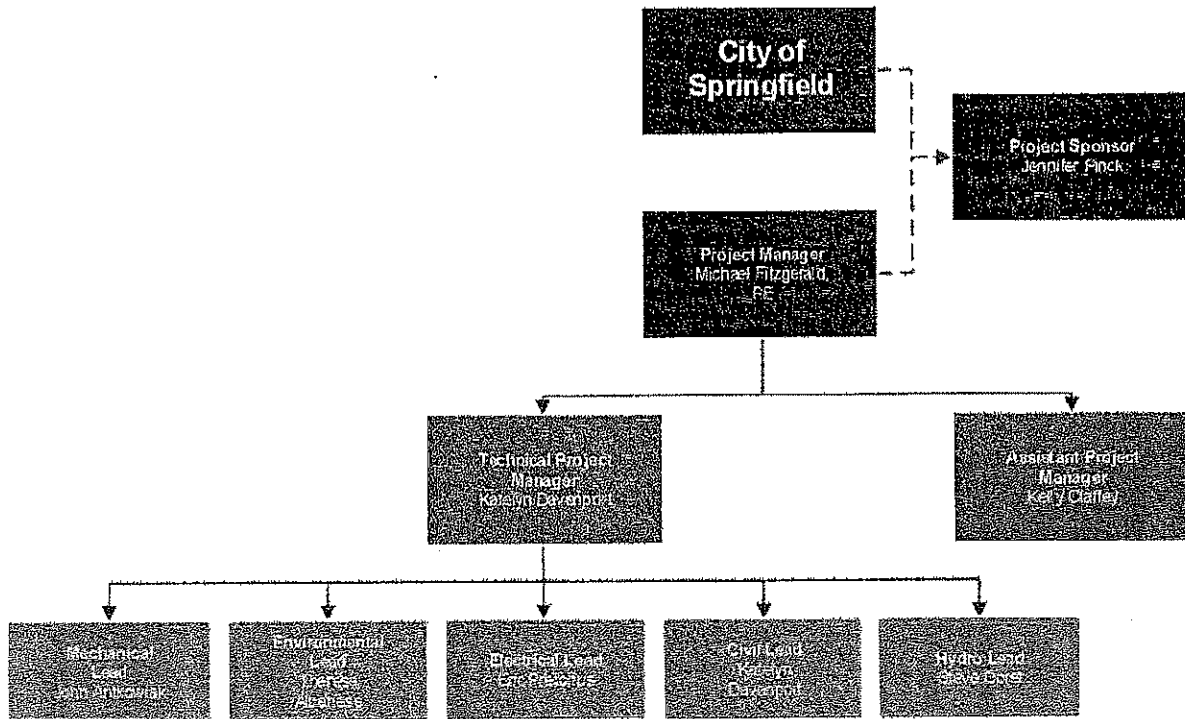
- Instrument List
- Instrument location and installation details
- System control definitions
- Control logic diagrams for critical systems including OEM diagrams for STG, CTG, HRSG
- DCS architecture
- DCS I/O List
- DCS Control Graphic Display sketches
- Control Room Layout
- System descriptions

Design control documents will be reviewed to assure conformance with good engineering design practice and contract requirements. Our team will facilitate the review of the EPC Contractor's technical drawing and document submittals through its document management system/computer based tools. The team will expedite and document Owner's review of document submittals, consolidate Owner's and Owner's Representative comments, and prepare consolidated comments for transmittal to the EPC or direct subcontractor as applicable.

3 References

Massachusetts Water Resources Authority		Former Executive Director	Paul Levy	(617) 733-7423	Plevy0808@gmail.com
Massachusetts Gaming Commission	101 Federal Street 12 th Floor Boston, MA 02110	Ombudsman	John Ziembra	(617) 979-8400	John.s.ziembra@state.ma.us
Gemma Power	2461 Main St Glastonbury, CT 06033	Sr. Vice President	Ronald Polaske, PE	(860) 859-0509	ronpolaske@gemmapower.com
Competitive Power Ventures (CPV)	50 Braintree Hill Office Park, Suite 300, Braintree, MA 02184	Vice President, Manager of Engineering	Jon Donovan	(781) 952-1148	jdonovan@cpv.com

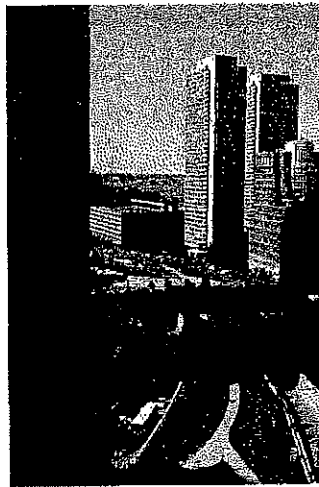
4 Organizational Chart



4.1 Staffing Schedule

PROJECT / PROJECT VALUE	COMPLETION DATE / DIRECTOR	CURRENT STATUS
Northeastern University Value: \$50 M	Various / Lombardi	Various
Town of Belmont House Doctor Value: N/A	Aug. 2020 / Marai	Pre-Construction
Babson College Rec. Center Value: \$50 M	Aug. 2019 / Lewis	Pre-Construction
Babson Innovation Center Value: \$10 M	Aug. 2019 / Lewis	Pre-Construction
Pine Grove Elementary School: \$20M	Aug 2019 / Lombardi	Pre-Construction
Boston Collegiate Charter Mayhew St.: \$10M	Feb 2018 / O'Neil	Pre-Construction
American Antiquarian Society: \$15M	May 2019 / Marai	Pre-Construction
Oak Terrace Apartments: \$5M	May 2018 / Wood	Pre-Construction
Lasell College - Academic Building Value: \$24M	Aug 2017 / O'Neil	Pre-Construction
UMass Boston Clark Athletic Center: \$5.25 M	Sep 2017 / Marai	Pre-Construction
UMass Boston Elevator Replacement: \$3.3 M	Sep 2017 / Marai	Pre-Construction
Golda Meir House - JCHE Value: \$23 M	Jan 2018 / O'Neil	Pre-Construction
Mystic Water Works Apartments Value: \$7 M	Dec 2017 / O'Neil	Pre-Construction
HUB Holdings Gateway Lynn Value: \$21 M	Oct 2017 / Lombardi	Pre-Construction
Boston Public Schools Masterplan Value: N/A	Jan 2017 / Wood	Consulting
CRRC Rail Car Assembly Springfield: \$75 M	Dec. 2017 / Fitzgerald	Consulting
Boston Preparatory Charter School Value: \$16 M	June 2017 / Wood	Construction
Bridge Boston Charter School Value: \$16.8 M	June 2017 / Wood	Construction
Cooley Dickinson Breast Center Value: \$1.6 M	May 2017 / Fitzgerald	Construction
Clark Ave. School Value: \$57 M	Aug. 2018 / Lombardi	Construction
NE Center and Home for Vets Value: \$22 M	June 2017 / O'Neil	Construction
Westfield State University Value: \$22 M	Jan 2017 / Fitzgerald	Construction
Comm-Glen Apartments Value: \$16 M	Dec. 2016 / O'Neil	Construction

5 Related Experience



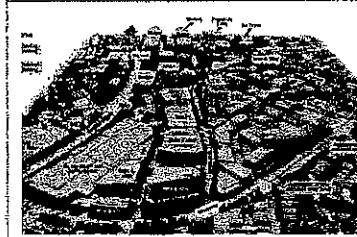
Boston Central Artery/Tunnel Project | Boston, MA

Pinck & Co.'s Jennifer Pinck was Senior Manager for the largest public works transportation program in the United States; she designed, implemented and monitored programs to manage construction impacts during all phases of utility relocation, highway and tunnel construction. Jennifer served as Liaison to the Artery Business Committee (ABC) Mitigation Steering Committee, established the Hot Line and operations center, developed a project-wide database of 1,200 project commitments with a value in excess of \$2B, and reported to oversight organizations, including the Conservation Law Foundation and the Environmental Oversight Committee. She managed an extensive outreach program to ensure public support and awareness among commercial, residential, and industrial interests. Additionally, Jennifer developed and implemented environmental safeguards during construction to comply with local regulations, permit conditions, and public concerns.



Boston Harbor Project - Massachusetts Water Resources Authority, Program Management Division | Boston, MA

Pinck & Co.'s Jennifer Pinck was Construction Manager for the Massachusetts Water Resources Authority's Boston Harbor Clean Up project. As part of the Program Management Division Jennifer established protocols, policies and procedures for the complex multi-disciplinary team leading the project. She developed standard specifications and construction practices and logistics – challenging due to the location of the site – for the \$4 billion treatment plant construction effort. In addition, she led several complex procurements including the on-island concrete batch plant, emergency response services, coordinated complex community issues with the Town of Winthrop under a Memorandum of Understanding, implemented access restrictions to the island during construction, and represented the project in public arenas throughout the MWRA's service area.



Infrastructure Investment Initiative (I-Cubed)

Pinck & Co. provided feasibility review services on behalf of Executive Office of Administration and Finance for large-scale development projects applying for funds from the Commonwealth's I-Cubed financing initiative. Working with a multi-disciplinary team of professional consultants Pinck reviewed and commented on the construction costs for these significant projects including: Quincy Center Urban Revitalization and Development Plan, calling for the redevelopment of 60,000 SF of retail, 1.1 M SF of offices, two hotels, and 1,200 residential units; Assembly Square mixed-use development in Somerville and the Vertex Development on the Fan Pier in Boston's Seaport District.



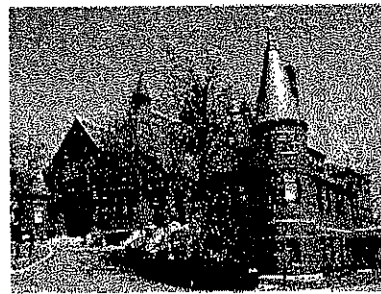
Cambridge Housing Authority | Cambridge, MA

For this public affordable housing organization, Pinck & Co. provided preconstruction services for preparing RFQ for General Contractor and Trades, led CM selection and sub-contractor and contractor prequalification processes. Pinck & Co. developed and implemented systems for construction period tracking and reporting, coordinated interdepartmental reporting of construction period sources and uses, and developed reporting processes and tools for funders and tracking of tax matters for several major projects. Pinck & Co. also led resident and community involvement for renovation and reconstruction of multiple outdated housing projects totaling over \$50 million.

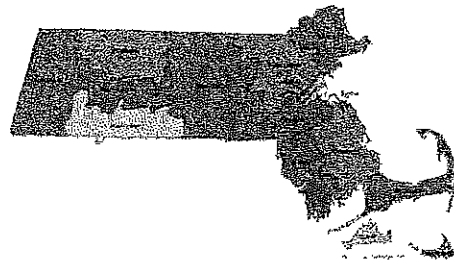
Town of Belmont | Belmont, MA



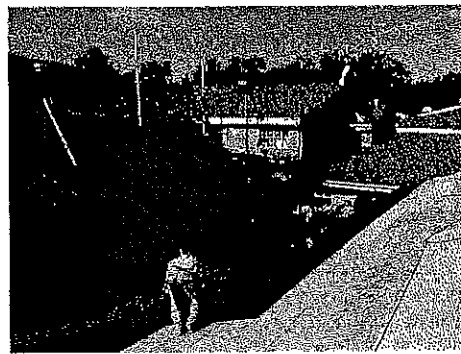
Underwood Pool. Pinck & Co. was OPM for the Town of Belmont for the replacement of a 100+ year old outdoor public pool and bath house. The plan included 2 adjacent pools (separated by program and for redundancy) and 2 bath houses set within a public park which featured an all-purpose field, playground and parking. The project was completed according to MGL Ch. 149 procurement and construction took place on a site occupied by the Underwood Park and adjacent to some key neighbors. Project challenges included maintaining the historic significance of the site, mitigating concerns of direct abutters, difficult site access and construction logistics, and adjacency to wetlands. Pinck & Co. was able to successfully navigate these issues and the result was improvement in park access, better circulation and safety, and a facility that was completely up to code while respecting the historic value of the site.



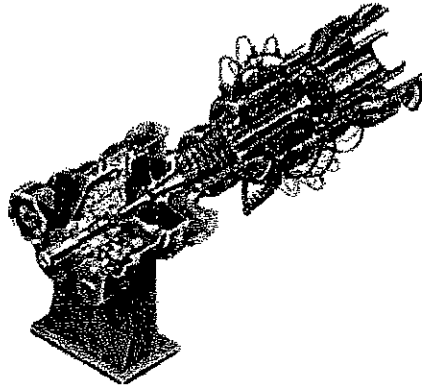
House Doctor Services. Pinck & Co. is providing on-call OPM services for the Town of Belmont associated with the planning, design and construction administration of various municipal building projects. Currently we are managing a project at the Wellington Elementary School to mitigate interior noise that has existed since the school opened four years ago.

Massachusetts School Building Authority (MSBA) | Boston, MA

MSBA Commissioning Program. For the Massachusetts School Building Authority (MSBA) Pinck & Co. was engaged to benchmark best practices for commissioning and to create the standards for scope and procurement for Commissioning services. Pinck & Co. was responsible for the services which included a national survey of best practices, assessments of similar solicitations and scopes, recommendations on procurement methodology and development of a suggested technical scope of work. Once the stable of Commissioning Agents had been pre-qualified, Pinck was responsible to review and evaluate proposal responses for the Authority for school projects underway whose value at the time was in excess of \$500 million.



Accelerated Repair Program. The MSBA's Repair Program is intended for educational facilities in which the scope of a potential project is limited to the replacement or repair of a limited number of building systems. Repair projects are designed to materially extend the useful life of the school and preserve an asset that is otherwise capable of supporting the required educational program. Pinck & Co. has been selected three times into a pool of pre-approved Owner's Project Managers to manage the construction of these projects, which has included 14 projects over the span of six years.

Genzyme Cogeneration Project | Allston, MA

The new cogeneration project provides steam and electricity to an existing pharmaceutical manufacturing facility in Allston, Massachusetts as well as supports additional loads associated with a new facility expansion. The cogeneration portion of the project consisted of the addition of a gas fired 1.2 MW Solar Combustion Turbine with HRSG, three dual fuel fired 20,000 lb/hr packaged boilers, fuel gas compressor and rework of existing 13.8 kV switchgear to support the existing and new facility thermal loads with N+1 redundancy. The 1.2 MW combustion turbine provides approximately 60% of the facility electrical load. The new facility includes three 2 MW standby diesel engines to provide emergency power during any outages. The HRSG is equipped with SCR and CO catalysts.

Mott MacDonald supported the development of the plant feasibility study, identifying steam and electric demand profiles, selecting equipment, developing the conceptual design in cooperation with the project architect, and conducting an economic evaluation.

During this phase of the project Mott MacDonald provided detailed engineering and design services for the cogeneration plant as well as construction engineering support on an as needed basis. All plant equipment and piping is being modelled in 3D to facilitate integration with the facility process and building MEP design.

Tewksbury Hospital Tewksbury, MA

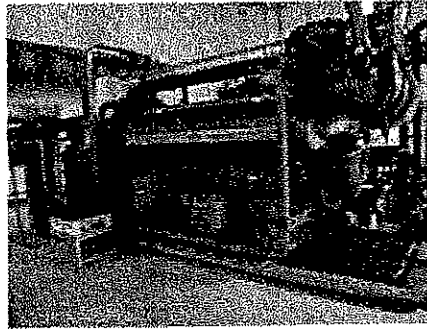
Mott MacDonald was contracted to perform the detailed design for the installation of a Cogeneration plant with a 595kW, 600V Waukesha natural gas fired reciprocating engine. This was a synchronous generator planned to run in parallel with the utility. Waste heat recovery on the engine exhaust provides 12 psig steam to supplement the existing steam system. Heat is recovered from the jacket water coolers to provide hot water to the existing facility. The unit tied into the Tewksbury hospital central plant 600V power switchgear. The facility also wanted to assess the unit's capability for running in an islanded mode. In the islanded mode the unit was to be run with existing standby diesel units.

Mott MacDonald provided detail design and construction support for all three disciplines.

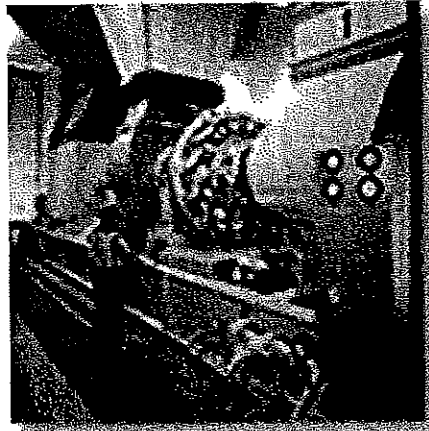
Structural provided details on how to install the new engine on existing foundation in existing power house building at the facility.

Mechanical provided all piping and equipment design/specifications for the new engine/boiler installation

Electrical provide design/specification of all new electrical gear cable scheduling/sizing/routing and support of instrumentation and control.

Garelick Farms | Franklin & Lynn, MA

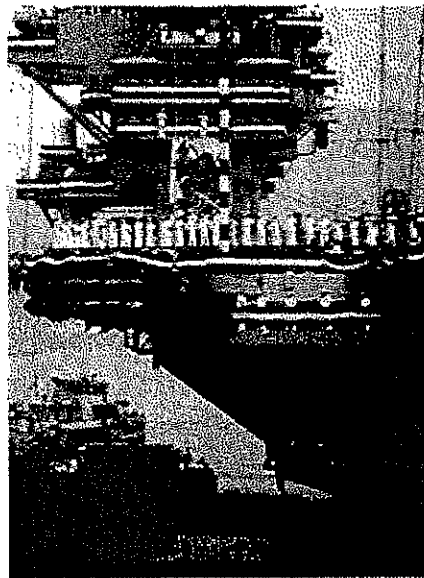
Mott MacDonald performed the detailed design for the installation of Cogeneration plants with 2060kW, 480V Jenbacher natural gas fired reciprocating engines. This unit was supplied with a synchronous generator planned to run in parallel with the utility. Waste heat recovery was provided on the engine exhaust to support generation of 125 psig steam which tied into the existing plant steam header. Heat recovery on the jacket water coolers and intercooler generated hot water which provided energy to support process heat demands. The engine exhaust was provided with SCR to reduce NOx emissions. The unit tied into the facility's 13.8kV distribution switchgear via a 2500KVA pad mount step-up transformer. The unit was set-up with the ability to be run in an islanded mode for standby emergency.

Velcro | Manchester, NH

The campus electrical distribution system operated at 12.47 kV, included a new 4.6 MW 4.16 kV solar gas turbine cogeneration plant, three 1.2 MW diesel standby generators, and a fourth 1.2 MW diesel generator (not in use). Mott MacDonald studied the most effective and feasible alternatives to integrate the fourth diesel generator with the 12.47 kV system allowing parallel operation with the other diesels and/or gas turbine.

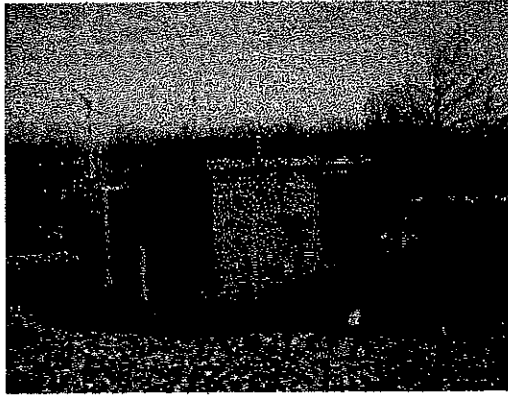
Mott MacDonald's electrical engineering team identified several alternative solutions, prepared one line diagrams, and physical layouts for each alternative. After the engineering analysis of each alternative was complete, Mott MacDonald prepared cost estimates, and a comprehensive report.

Mott MacDonald's analysis included a full electrical model of the system including the proposed interconnection. Along with the study, Mott MacDonald identified problems in the existing generator controls and solutions that would be part of the new generator integration.

Yokosuka - Cogeneration Project | US Navy Base in Yokosuka, Japan

The project consists of the addition of a 39 MW cogeneration power plant at the US Naval Base in Yokosuka, Japan, in support of the existing utility systems on the base. The new plant included three reciprocating engines and three combustion turbines, equipped with heat recovery steam generator, with 24.5 MW of the electric output distributed to a 60 Hz electrical system and 14.5 MW sent to the distribution system interconnected to Tokyo Electric Co. at 50 Hz. Mott MacDonald supported Noresco's development efforts on the project by providing feasibility analysis for cogeneration project including performance analysis, conceptual design, constructability analysis, and cost estimates.

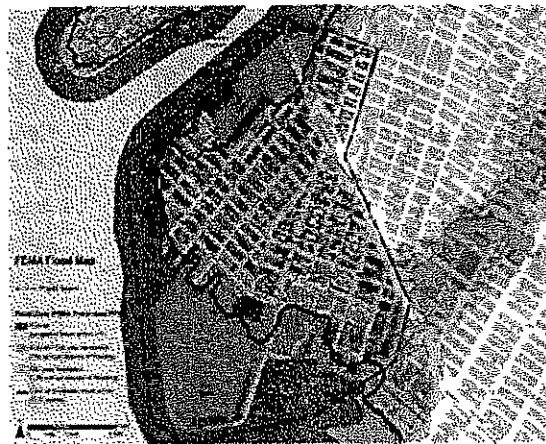
Mott MacDonald visited the site in Japan and evaluated potential contractors and equipment vendors, provided engineering services to develop the conceptual design of the project, and provided cost and performance information for the economic analysis. Reviews included electrical calculations and design documents for conformance to Navy. The new cogeneration plant had to provide increased capacity for the anticipated arrival of the nuclear-powered aircraft carrier USS George Washington as well as other infrastructure improvements at the base.

KMUA General Consulting Services | Hudson County, NJ

The Kearny Municipal Utilities Authority (KMUA) is responsible for a sanitary sewer collection system and the pumping of wastewater to the Passaic Valley Sewerage Commissioners plant in Newark for final treatment. The Kearny Municipal Utilities Authority maintains one 17.5 million gallon per day capacity pumping station in South Kearny and three smaller pumping stations in the Kearny Meadowlands.

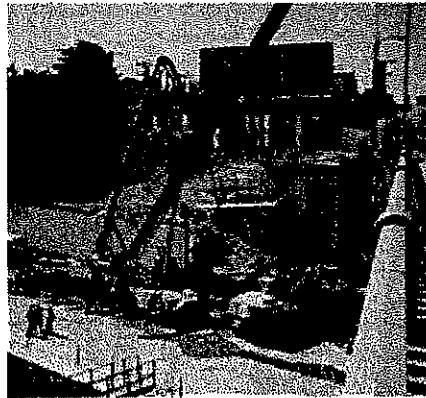
Mott MacDonald has been providing both general consulting services and design/construction services to KMUA since 2004. We have performed capital planning reviews, facility evaluations, collection system investigations and rehabilitation, pump station upgrades, screening equipment upgrades, electrical system evaluations, and industrial pretreatment and regulatory assistance for the Authority. Mott MacDonald attends the Authority's public meetings and other special meetings as required and provides general consultation and advice

We review developer site plan drawings, service connection applications, and other engineering documents confirming compliance with Authority's standards. Mott MacDonald has provided engineering services for the planning, design, permitting, and construction phases of several mechanical equipment upgrades and collection system improvements. These projects have involved a broad spectrum of engineering disciplines, including civil, process, structural, architectural, electrical, instrumentation, and HVAC design work. Mott MacDonald also aided KMUA in obtaining low interest loans and complying with the requirements of the New Jersey Environmental Infrastructure Financing Program.

Red Hook Integrated Flood Protection System Feasibility Study | Red Hook, NY

The Integrated Flood protection System (IFPS) Project is a federally funded coastal protection initiative aimed at reducing flood risk due to coastal storms and sea level rise in Red Hook, Brooklyn, NY. Mott MacDonald with project lead Dewberry Engineers and project partners Cooper Robertson & Partners, and W-Architecture, have teamed up to work with the New York City Mayor's Office of Recovery and Resiliency, in partnership with the NYC EDC, to accomplish the first phase of this Project, which consists of a comprehensive study determining the feasibility of a variety of options for an IFPS in Red Hook. The IFPS options consist of a combination of flood intervention types, including raised roadways and bike paths, earthen berms, ramps, flood logs and walls, sidewalk planters, and sliding/swing flood gates

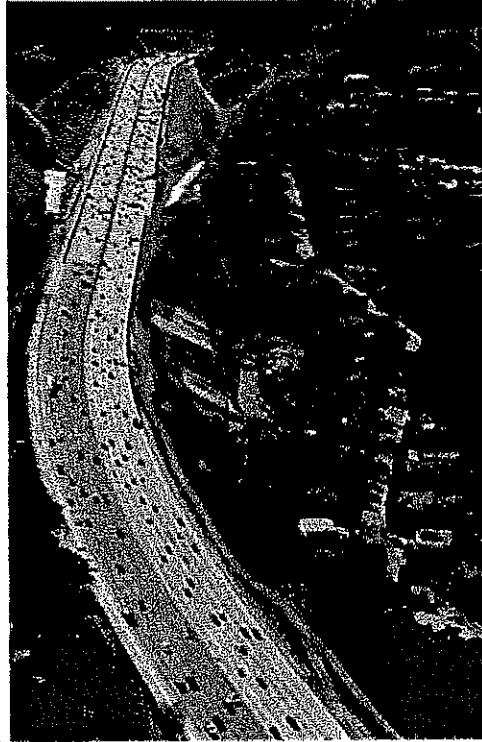
As their project partner, Mott MacDonald has been working with Dewberry to support community outreach efforts, perform cost estimates, assist with land and site planning, and provide specialist geotechnical, civil, and structural engineering input. Mott MacDonald has created structural design cross-sections for the flood intervention types along the preferred alignment. In doing so, Mott MacDonald performed geotechnical reviews of the soil conditions and performed seepage tolerance calculations in accordance to FEMA's 44 CFR 65.10 criteria to determine the necessary depth of the flood wall foundations. Mott MacDonald's structural designs also accounted for wave and impact loadings in accordance with ASCE standards.

LA Metro Red Line – Surface Works | Los Angeles, CA

The 6.3-mile Metro Red Line North Hollywood Extension (Segment 3) extends the rail line northwest to serve North Hollywood, including a new underground station adjacent to the main entrance to the Universal Studios theme park. As part of the overall transportation improvements and as agreed with Universal Studios, the project includes a new bridge over the Hollywood Freeway (U.S. 101) and access ramps, a bus interchange, and street and river bridge widening. The contracts are financed through a grant from the U.S. Department of Transportation Federal Transit Administration (FTA), and with funds from the State of California and local sources.

Pre-construction scope included constructability analysis, contract document review, construction scheduling, maintenance of procedure manuals, pre-construction surveys, contractor bid evaluation and geotechnical services.

Comprehensive construction management includes resident engineering, contract management, scheduling, estimating, reporting, document control, cost engineering, process payments, submittals, quality control, systems safety and assurance, environmental, geotechnical, third party coordination, community relations, surveys, and final acceptance.

LA Metro Construction Management Support| Los Angeles, CA

The Los Angeles County Metropolitan Transportation Authority (METRO) has engaged a Construction Management Support Services Consultant (CMSSC) to provide on-call services for various capital projects including the \$1-billion I-405 Sepulveda Pass Design-Build Widening project. Services will also be provided for other capital projects as required.

Mott MacDonald, as a sub-contractor to the selected CMSSC, is providing staff for on-call program/project management, technical and construction management services, inspection, quality control, project controls, document control, SWPPP coordination, construction and public relations, and other services as requested. This is a 5-year contract

To date, Mott MacDonald has provided a range of services on the I-405 Sepulveda Pass Improvements Design-Build Project. The project includes improvements to and widening of the I-405 extending from I-10 over the Sepulveda Pass to SR-101.

Services provided include:

- Utility coordination
- Independent cost estimating
- Design plan review
- Construction and community public relation services

Appendices

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A. Required Forms and Certifications

CITY OF SPRINGFIELD, MASSACHUSETTS
OFFICE OF PROCUREMENT
CITY HALL, RM. 307,
36 COURT STREET, SPRINGFIELD, MA 01103

REQUESTS FOR PROPOSALS

RFP Number: 17-070; Owners Representative/Project Management Consulting Services for the Baystate Co-Gen and Hydropower at Watershops Dam

Proposals will be received at the Office of Procurement until 2:00 P.M. EST December 7, 2016 and will be logged in at that time. Proposals received after the due date and time will be returned unopened and not considered.

Proposers must submit their bid response in a sealed envelope marked "17-070; Owners Representative/Project Management Consulting Services for the Baystate Co-Gen and Hydropower at Watershops Dam" and including the Vendor's name on the sealed envelope and opening date.

By: Lauren Stabilo, Chief Procurement Officer

This proposed procurement is for: Consulting Agreement; Owners Representative/Project Management Consulting Services for the Baystate Co-Gen and Hydropower at Watershops Dam

As requested by: City of Springfield, Department Disaster Recovery and Resilience

Acknowledge addenda number(s): We acknowledge that there were no addenda issued

This Proposal is submitted by:
Pinck & Co., Inc.

(Company Name)

98 Magazine St., Boston, MA 02119

(Company Address)

signed by:

Jennifer Pinck, President

(Printed or Typed Name and Title)


(Signature and Date)

12 / 06 / 2016

Telephone Number: 617-445-3555

Fax Number: 617-445-3511

E-mail: jpink@pinck-co.com

TAX CERTIFICATION AFFIDAVIT FOR CONTRACTS

65-1165539

Individual Social Security Number

State Identification Number

Federal Identification Number

Company: Pinck & Co., Inc.

P.O. Box (if any): Street Address Only: 98 Magazine St.

City/State/Zip Code: Boston, MA 02119

Telephone Number: 617-445-3555 Fax Number: 617-445-3511 Email: jpinck@pinck-co.com

List address(es) of all other property owned by company in Springfield: 221 Industry Ave., Suite 1, Springfield, MA 01104 (Springfield Office)

Please identify if the bidder/proposer is a:

Corporation X

Individual Name of Individual

Partnership Names of all Partners:

Limited Liability Company Names of all Managers:

Limited Liability Partnership Names of Partners:

Limited Partnership Names of all General Partners:

You must complete the following certifications and have the signature(s) notarized on the lines below. Any certification that does not apply to you, write N/A in the blanks provided.

FEDERAL TAX CERTIFICATION

I, Jennifer Pinck certify under the pains and penalties of perjury that Pinck & Co., Inc. to my best knowledge and belief, has/have complied with all United States Federal taxes required by law.

Pinck & Co., Inc. Bidder/Proposer/Contracting Entity Authorized Person's Signature Date: 12/6/16

CITY OF SPRINGFIELD TAX CERTIFICATION

I, Jennifer Pinck certify under the pains and penalties of perjury that Pinck & Co., Inc. to my best knowledge and belief, has/have complied with all City of Springfield taxes required by law (has/have entered into a Payment Agreement with the City).

Pinck & Co., Inc. Bidder/Proposer/Contracting Entity Authorized Person's Signature Date: 12/6/16

COMMONWEALTH OF MASSACHUSETTS TAX CERTIFICATION

Pursuant to M.G.L. c. 62C §49A, I, Jennifer Pinck certify under the pains and penalties of perjury that Pinck & Co., Inc. to my best knowledge and belief, has/have complied with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

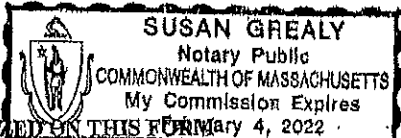
Pinck & Co., Inc. Bidder/Proposer/Contracting Entity Authorized Person's Signature Date: 12/6/16

Notary Public

STATE OF MA County of SUFFOLK DECEMBER 2016

Then personally appeared before me [name] JENNIFER PINCK [title] PRESIDENT of [company] name PINCK & CO. being duly sworn, and made oath that he/she has read the foregoing document, and knows the contents thereof, and that the facts stated therein are true of his/her own knowledge, and stated the foregoing to be his/her free act and deed and the free act and deed of [company name] PINCK & CO.

My commission expires: Susan Grealy Notary Public FEBRUARY 4, 2022



YOU MUST FILL THIS FORM OUT COMPLETELY AND, SIGNATURES MUST BE NOTARIZED ON THIS FORM AND YOU MUST FILE THIS FORM WITH YOUR BID/CONTRACT. TAX AFFIDAVITS THAT ARE NOT SIGNED AND NOTARIZED MAY BE REJECTED.

COLLUSION OR FRAUD STATEMENT

THE UNDERSIGNED CERTIFIES UNDER PENALTIES OF PERJURY THAT THIS BID IS IN ALL RESPECTS BONA FIDE, FAIR AND MADE WITHOUT COLLUSION OR FRAUD WITH ANY OTHER PERSON. AS USED IN THIS SECTION THE WORD "PERSON" SHALL MEAN ANY NATURAL PERSON, JOINT VENTURE, PARTNERSHIP, CORPORATION OR OTHER BUSINESS OR LEGAL ENTITY.

Jennifer Pinck

(NAME OF PERSON SIGNING BID)

Jennifer B. Pinck

(SIGNATURE)

Pinck & Co., Inc.

(COMPANY)

THIS FORM MUST BE SIGNED & RETURNED WITH YOUR BID OFFER. FAILURE TO SUBMIT THIS FORM MAY BE CAUSE FOR IMMEDIATE REJECTION

AFFIRMATIVE ACTION PLAN

Owners Rep/Project Management for Baystate
NAME OF PROJECT Co-Gen and Hydropower at Watershops Dam BID NO. 17-070

A.) Bidder shall include Company Policy Statement which sets forth the Chief Executive Officer's attitude on equal employment opportunity. **See Attached**

B.) Company's Officer Jennifer Pinck

NAME OF FIRM Pinck & Co., Inc.

NAME Jennifer Pinck

POSITION OR TITLE President

BUSINESS ADDRESS 98 Magazine St.

CITY Boston, MA

TELEPHONE 617-445-3555

C.) What is the total number of employees that is currently employed by your company? 32

Please provide a profile of your workforce. **See Attached**

D.) What is your anticipated work force for this project/service? 2 individuals
Number of Minorities _____ Number of Females _____

E.) Is your company a member of a union Yes ___ No X. If yes what union local number and location. _____

F.) Describe company's advertising, recruiting efforts, and systematic contact with minority group organization, etc. and evidence that minority group members are being sought from all recruitment sources. See attached Affirmative Action Plan

G.) Is your company at least 51% owned and controlled by one of the following groups members? If yes, would you kindly circle the appropriate categories.

MALE- FEMALE Black, Hispanic, Asian, American Indian,
Alaskan Native, Cape Verdean, Caucasian.

AUTHORIZED SIGNATURE Jennifer B. Riel DATE 12/6/16

FIRM Pinck & Co., Inc.

ADDRESS 98 Magazine St., Boston, MA 02119

TELEPHONE NO. 617-445-3555

THIS FORM TO BE SUBMITTED BY THE BIDDER WITH THE BID /PROPOSAL, AND SIGNED BY THE BIDDING COMPANY IF THE REQUIRED INFORMATION IS PROVIDED OR NOT.

DEBARMENT DISCLOSURE FORM

**PUBLIC CONTRACTS - DEBARMENT
CHAPTER 550, ACTS OF 1991**

The said undersigned certifies under penalties of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth of Massachusetts under the provisions of Section 29F of Chapter 29 of the General Laws, or any other applicable debarment provisions of any other Chapter of the General Laws, or any Rule or Regulation promulgated thereunder.

Date: 12/6/16

Name of Bidder: Pinck & Co., Inc.

By: Jennifer B. Pinck Signature

Jennifer Pinck, President

Print Name & Title of Person Signing

98 Magazine St.

Address

Boston, MA 02119

City, State, ZIP

THIS FORM MUST BE SIGNED & RETURNED WITH YOUR BID OFFER.

AFFIRMATIVE ACTION PLAN

Pinck & Co., Inc.
98 Magazine Street
Boston, MA 02119
T: (617) 445-3555

Contact Person: Susan Grealy

Phone: 617.445.3555 x333

Fax: 617.445.3511

Federal Identification Number: 65-1165539

E-Mail Address: sgrealy@pinck-co.com

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- IV. EEO/AA Policy Statement
- V. Designation of Responsibility for Implementation
- VI. Action-Oriented Programs
- VII. Internal Audit and Reporting System

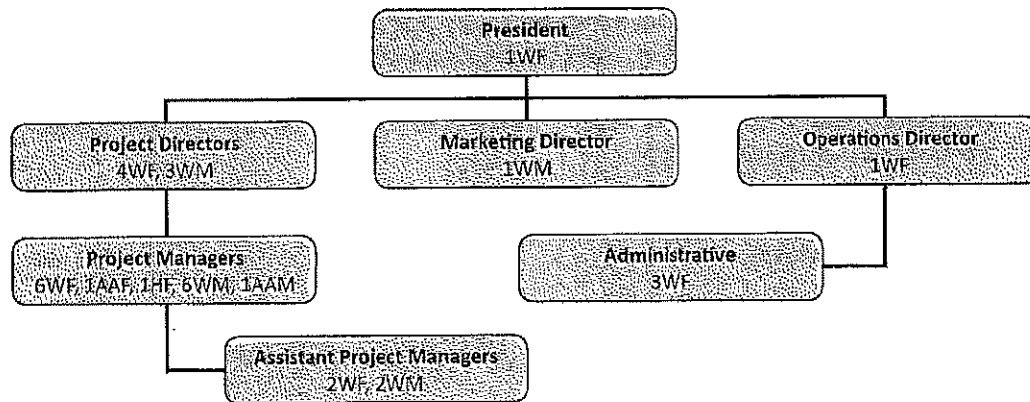


I. Company Overview

Pinck & Co. was founded in 1998 to provide value driven project management services for non-profit and public sector owners from concept to closeout. We are committed to delivering first-rate buildings that meet the needs of the people who use them and which are cost effective to maintain and operate. We are dedicated to leveraging the best possible value for the project.

Pinck & Co. provides design and construction management consulting services to owners and developer during all phases of capital projects from concept to close-out.

II. Organizational Diagram



III. Workforce Analysis

Workforce Analysis														
Job Title	FEO: Category	Total Employees	Male						Female					
			Total	White	Black/African American	Asian/Pacific Islander	American Indian/Alaska	Hispanic	Total	White	Black/African American	Asian/Pacific Islander	American Indian/Alaska	Hispanic
President/Owner	1	1												
Project Directors	1	7	3	3						4	4			
Project Managers	2	16	7	6	1					9	7	1		1
Assistant Project Managers	2	4	2	1		1				2	2			
Marketing Director	1	1	1	1										
Operations Director	1	1								1	1			
Administrative	6	4								4	4			
Intern	6	1	1	1										
Workforce Totals		35	14	12	1					21	19	1		1

IV. Equal Employment Opportunity/Affirmative Action (EEO/AA) Policy Statement

Pinck & Co., Inc. affirms its policy to provide Equal Employment Opportunity to all employees and applicants for employment in accordance with all applicable Equal Employment Opportunity/Affirmative Action laws, directives as applicable.

Pinck & Co. will not discriminate against any employee or applicant for employment on the basis of race, color, gender, gender preference, national origin, sexual orientation, age, disability, marital status, familial status or religion.

Pinck & Co. will take Affirmative Action to ensure that all employment practices are free of such discrimination. Such employment practices include, but are not limited to hiring, upgrading, demotion, transfer, recruitment or recruitment advertising, selection layoff, disciplinary action, termination, rates of pay or other forms of compensation, and selection for training, including internships.

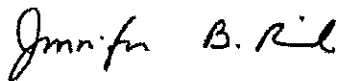
Pinck & Co. prohibits the harassment of any employee or job applicant on the basis of their protected class status.

Pinck & Co. will commit the necessary time and resources, both financial and human, to achieve the goals of Equal Employment Opportunity and Affirmative Action.

Pinck & Co. will evaluate the performance of its management and supervisory personnel on the basis of their involvement in achieving these Affirmative Action objectives as well as other established criteria. Any employee of this company who does not comply with the Equal Employment Opportunity Policies and Procedures set forth in this statement and plan will be subject to disciplinary action.

Pinck & Co. has appointed Susan Grealy as EEO Coordinator to manage the Equal Employment Opportunity Program. The responsibilities include monitoring all Equal Employment Opportunity activities and reporting the effectiveness of this Affirmative Action Program, as required by Federal, State and Local agencies. If any employee or applicant for employment believes he/she has been discriminated against, they are urged to contact the EEO Coordinator.

Signed,



Jennifer Pinck, President



V. Designation of Responsibility for Implementation

The Operations Director is responsible for designing and ensuring the effective implementation of Pinck & Co.'s Affirmative Action Program (AAP). These responsibilities are to:

- A. Develop and update written EEO policy statements, AAP programs and internal and external communication procedures;
- B. Assist in the identification of AAP/EEO problem areas;
- C. Work with managers to devise effective solutions to AAP/EEO problems;
- D. Design and implement an internal audit and reporting system which measures the effectiveness of the program, the degree to which goals and objectives are met and identifies the need for remedial action;
- E. Conduct and/or coordinate EEO training and orientation of company supervisors, managers and subcontractors to inform them of their responsibilities for the affirmative action plan.
- F. Ensure that managers and supervisors understand it is their responsibility to take action to prevent the harassment of protected class employees and applicants for employment.
- G. Ensure all minorities and women are provided equal opportunity as it relates to company-sponsored training programs, recreation/social activities, benefit plans, pay and other working conditions without regard to race, color, gender, gender preference, national origin, sexual orientation, age, disability, marital status, familial status or religion.
- H. Review the qualifications of all employees to ensure that all employees are given full opportunity for training and advancement.
- I. Keep management staff informed of the equal opportunity progress and report potential problem areas
- J. Receive, investigate and attempt to resolve all EEO complaints.
- K. Coordinate the implementation of necessary remedial actions to meet compliance requirements and goals.
- L. Hold regular discussions with project managers; supervisors and employees to ensure the company's equal employment opportunity policies are being followed.

All managerial and supervisory staff, including but not limited to the Project Directors are responsible for implementing Pinck & Co.'s AAP. It is their responsibility to:

- A. Assist in identifying problem areas, formulating solutions and establishing goals and objectives when necessary;
- B. Review the qualifications of all applicants and employees to ensure qualified individuals are treated in a nondiscriminatory manner when hiring, promotion and termination actions occur; and
- C. Review the job performance of each employee to assess whether personnel actions are justified based on the employee's performance of his or her duties.



VI. Action-Oriented Programs

Pinck & Co. is instituting action programs to help achieve specific affirmative action goals. These programs include:

- A. Conducting annual analyses of job descriptions to ensure that they accurately reflect job functions.
- B. Reviewing job descriptions using job performance criteria
- C. Making job descriptions available to all members of management involved in the recruiting, screening, selecting and promoting processes.
- D. Evaluating the total selection process to eliminate bias through:
 - i. Reviewing job applications and other pre-employment forms to ensure information requested is job related.
 - ii. Training personnel and management staff on proper interview techniques and
 - iii. Training in EEO for management and supervisory staff;
- E. Using techniques to improve recruitment and increase the flow of minority and female applicants, Pinck & Co. will undertake the following actions:
 - i. Include the phrase "Equal Opportunity/Affirmative Action Employer" in all printed and electronic employment advertisements;
 - ii. Advertise when appropriate in local minority news media and women's interest media
 - iii. Disseminate information on job opportunities to organizations representing minorities and women;
 - iv. Encourage all employees to refer qualified applicants;
 - v. Actively recruit at colleges, universities and technical schools
 - vi. Review compensation practices annually; and
 - vii. Ensure that all employees are given equal opportunity for promotion.

VII. Internal Audit and Reporting System

The Operations Director is responsible for developing and preparing the documents of the AAP. The management staff (including but not limited to the Project Directors) together with the Operations Director is responsible for the effective implementation of the AAP. The system is designed to measure the effectiveness of the AAP/EEO program; document personnel activities; identify problem areas where remedial action is needed; and determine the degree to which the AAP goals and objectives are attained.

- A. Pinck & Co. will review the following activities to ensure nondiscrimination and equal employment opportunity for all individuals without regard to their race, color, gender, gender preference, religion, disability or national origin:
 - i. Recruitment, advertising and job application procedures;
 - ii. Hiring, promoting, upgrading, layoff and recall from layoff;
 - iii. Rates of pay and other forms of compensation;
 - iv. Job assignments, job classification and job descriptions;



- v. Sick leaves, leaves of absences and other leaves;
- vi. Training, internships, attendance at professional meetings and conferences; and
- vii. Any other term, condition or privilege of employment.

B. Pinck & Co. will maintain the following documents as a component of its Internal audit process:

- i. An applicant flow log showing the name, race, gender, date of application, job title, interview status and the action taken for all individuals applying for job opportunities;
- ii. Summary data of external job offers and hires, promotion, training, layoffs, recalls from layoffs, resignations and terminations by job group and by gender and minority group identification;
- iii. Summary of data of applicant flow by identifying total applicants, total minority applicants and total female applicants for each position;
- iv. Maintenance of employment applications (not to exceed one year); and
- v. Records pertaining to the compensation system.

C. Pinck & Co. will prepare an annual report documenting its efforts to achieve its EEO/AAP goals and a narrative explanation of the progress toward each goal, including an explanation of opportunities that occurred, additional numerical goals established as a result of the application of the annual hiring/promotion rate to employment opportunities, and the positive efforts made to attain each goal.



B. WBE and DBE Certifications



OPERATIONAL SERVICES DIVISION
SUPPLIER DIVERSITY OFFICE

THE COMMONWEALTH OF MASSACHUSETTS
Executive Office for Administration and Finance
OPERATIONAL SERVICES DIVISION
One Ashburton Place, Suite 1017
Boston, MA 02108-1552

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Kristen Lepore
Secretary

Gary J. Lambert
Assistant Secretary for
Operational Services

February 23, 2016

Ms. Jennifer Pinck
Pinck & Co., Inc.
98 Magazine Street
Boston, MA 02119

Dear Ms. Pinck:

The Supplier Diversity Office (SDO) is in receipt of your certification renewal information (application). This consists of your request to renew the certification of Pinck & Co., Inc. and the required certification renewal information and documentation. Accordingly, SDO has updated your file with this information and documentation. No substantive review of your company was done at this time. **This letter serves as sole and exclusive proof of your firm's SDO certification.**

Based on your certification renewal information (application), the certification of Pinck & Co., Inc. as a woman-owned business enterprise (WBE) with the business description of CONSTRUCTION MANAGEMENT AND REAL ESTATE DEVELOPMENT CONSULTING has been renewed effective the date of this letter. The company will remain listed in the SDO Directory of certified businesses and The Massachusetts Central Register, which is published by the Office of the Secretary of State unless its certification is revoked. Unless revoked, this certification will last for a period of two years and will automatically expire as of March 25, 2018, unless by that date, the certification of the company is renewed again or the company is recertified.

To renew the company's certification at that time, you will need to submit the following information to SDO no later than 30 business days prior to March 25, 2018.

- 1) All company financial statements since the date of the company's then most recent SDO certification;
- 2) A signed copy of all U.S. Tax Returns and Schedules since the date of the company's then most recent SDO renewal;
- 3) Corporations must submit all Annual Reports/Letters of Good Standing filed with the Secretary of (YOUR) State since the date of the company's then most recent renewal; and

PLEASE NOTE THAT THE FOLLOWING ITEMS 4-6 CAN BE COMBINED ON ONE NOTARIZED STATEMENT

- 4) A notarized statement that indicates:

"I certify under the pains and penalties of perjury that no significant changes affecting eligibility as a certified Minority/Minority-Woman/Woman business enterprise have occurred since the date of the company's then most recent date of SDO certification as defined in State regulations 425 CMR 2.00 The Massachusetts Supplier Diversity Office."

5) A notarized statement that indicates either "A or B" as referenced below.

- A. "I certify under the pains and penalties of perjury that (Insert your Company Name) has not received any contract(s) as a result of having been SDO certified."
- B. "I certify under the pains and penalties of perjury that: (Insert your Company Name) has received a contract(s) as a result of having been SDO certified." List all contract names, contract amounts and the names of the agencies with which you have contracted from the date of your last SDO renewal."

6) A notarized statement that indicates:

"I certify under the pains and penalties of perjury that (Insert your Company Name) has (number) of employees for each year end given; include owner(s)."

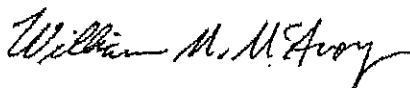
Furthermore, you have a continuing duty to notify SDO of a change in any information that is relevant to the firm's certification eligibility and to ensure that the information and documentation relied upon by SDO to certify or to maintain the certification of the business enterprise is accurate, complete and not misleading. You are required to notify SDO in writing of any change of such information or documentation within thirty calendar days. By way of example and not limitation, any change in ownership, control, investment, ongoing or independence may be considered material. Failure to abide by the continuing duty requirements shall constitute grounds for the business entity's decertification.

Additionally, every six years, certified companies that wish to remain certified must undergo a substantive review of their certification status with a SDO certification specialist who will re-evaluate the company to determine whether it continues to meet the applicable certification criteria. If you wish to recertify your company when it becomes due for substantive review, you will need to submit the applicable recertification application and all required information and documentation to SDO no later than forty-five (45) business days prior to the date of certification expiration (i.e., the recertification date). At that time, a certification specialist will be assigned to evaluate your company and will make a report and recommendation to the Certification Committee (CC) on whether or not the company continues to meet the applicable certification criteria.

As provided above in 425 CMR 2.00, if your company has a change of address or telephone number, please send a signed letter within thirty days of the change on company letterhead to notify SDO of the new address or telephone number.

During the period of your certification, if you have any further questions regarding your certification renewal, please direct them to Mr. Tom Hall, SDO Legal Counsel, at (617) 502-8853.

Very truly yours,



William M. McAvoy
Deputy Assistant Secretary and
Chief Legal Counsel



OPERATIONAL SERVICES DIVISION

Kathleen K. Reilly
Acting Assistant Secretary for Operational Services

THE COMMONWEALTH OF MASSACHUSETTS
Executive Office for Administration and Finance
OPERATIONAL SERVICES DIVISION
State Transportation Building • 10 Park Plaza, Suite 2600-B
Boston, Massachusetts 02116

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Kristen Lapore
Secretary

Kathleen K. Reilly
Acting Assistant Secretary for
Operational Services

October 20, 2016

Ms. Jennifer Pinck
Pinck & Co., Inc.
98 Magazine Street
Boston, MA 02119

Dear Ms. Pinck:

Congratulations! The Supplier Diversity Office (SDO), on behalf of the Massachusetts Unified Certification Program (MassUCP), is pleased to notify you we have renewed your company as a disadvantaged business enterprise (DBE). Your company continues to be assigned NAICS Code(s) 236220, 236116 and 236118 with the certified business description of CONSTRUCTION MANAGEMENT AND REAL ESTATE DEVELOPMENT CONSULTING, and will remain listed in our certified business directory. **This letter serves as sole and exclusive proof of your firm's DBE certification.**

As a DBE, you must inform SDO in writing of any change in circumstances affecting your ability to meet size, disadvantaged status, ownership, control requirements or any material change in the information provided in your application form. Changes in management responsibility among members of a limited liability company are covered by this requirement. You must attach supporting documentation describing in detail the nature of such changes. The notice must take the form of an affidavit sworn to by the owners of the firm before a person who is authorized by state law to administer oaths or of an un-sworn declaration executed under penalty of perjury of the laws of the United States. You must provide the written notification within 30 days of the occurrence of the change. If you fail to make timely notification of such a change, you will be deemed to have failed to cooperate under 49 CFR 26.109(c).

To renew your firm's DBE certification and if it continues to meet the applicable criteria, on or before your firm's certification anniversary date of October 16, 2017, and each year thereafter, please send SDO the following documents:

- (1) No Change Affidavit (will be sent with the reminder letter)
- (2) A signed copy of your company's, and all of its affiliates', U.S. Tax Returns including all schedules and attachments for the year(s) indicated.
- (3) If a sole proprietor, a copy of your Schedule C. for year(s) indicated.
- (4) A notarized statement of the number of full- and part-time employees (including owner) for each year indicated.
- (5) For out of state companies, please provide a copy of your most recent certification letter from your home state.

Tel: (617) 720-3300

www.mass.gov/osd

TDD: (617) 727-2716



Follow us on Twitter: @Mass_OSD

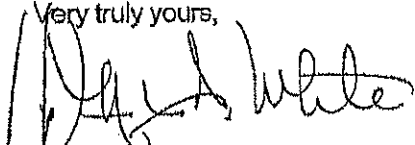
Fax: (617) 727-4527

If you have changed your company name or address, please notify Ms. Nedra D. White, in writing on the company's letterhead in order to update your state vendor file.

SDO reserves the right to monitor, perform random spot checks, re-evaluate the firm or revoke the firm's certification if it no longer meets the certification criteria.

During the period of your certification, if you have further questions regarding annual reviews, please contact Ms. Nedra D. White, Director of Certification, at (617) 701-8012.

Very truly yours,



Nedra D. White
Director of DBE Certification

C. Resumes



JENNIFER PINCK, BOSTON ABC, MBA, MCPPO

CERTIFICATIONS/EDUCATION

- Boston ABC Building License, All classes, License # B19899, 1986
- MCPPO - 2010, 2016
- MBA, Simmons Graduate School of Management, 1986

Jennifer has extensive experience in permitting, construction contracting on schedule driven projects. Her experience on all sides of the table - owner, contractor and consultant - and her understanding of the intertwined responsibilities and opportunities, offer each client the leadership and experience necessary for successful outcomes. Jennifer has built a strong reputation in the construction community, known for dogged scrutiny of positive/negative impacts to public interest. She has a deep understanding and experience in large, multi-disciplined complex projects, is an expert in public procurement, and quickly develops a Trusted Advisor role to clients.

SELECT PROJECT EXPERIENCE:

Boston Central Artery/Tunnel Project | Boston, MA

As Senior Manager for the largest public works transportation program in the United States, Jennifer designed, implemented and monitored programs to manage construction impacts during all phases of utility relocation, highway and tunnel construction. Jennifer served as Liaison to the Artery Business Committee (ABC) Mitigation Steering Committee, established the Hot Line and operations center, developed a project-wide database of 1,200 project commitments with a value in excess of \$2B, and reported to oversight organizations, including the Conservation Law Foundation and the Environmental Oversight Committee. She managed an extensive outreach program to ensure public support and awareness among commercial, residential, and industrial interests. Additionally, Jennifer developed and implemented environmental safeguards during construction to comply with local regulations, permit conditions, and public concerns.

Boston Harbor Project - Massachusetts Water Resources Authority, Program Management Division | Boston, MA

Construction Manager for the Massachusetts Water Resources Authority's Boston Harbor Clean Up project. As part of the Program Management Division Jennifer established protocols, policies and procedures for the complex multi-disciplinary team leading the project. She developed standard specifications and construction practices and logistics - challenging due to the location of the site - for the \$4 billion treatment plant construction effort. In addition, she led several complex procurements including the on-island concrete batch plant, emergency response services, coordinated complex community issues with the Town of Winthrop under a Memorandum of Understanding, implemented access restrictions to the island during construction, and represented the project in public arenas throughout the MWRA's service area.

Massachusetts Gaming Commission | Boston, Springfield, Plainville

Lead Project Coordinator for the Massachusetts Gaming Commission, coordinating activities related to the receipt, evaluation, selection and negotiation with casino applicants for the one slot parlor license and two casino resort licenses. Jennifer worked collaboratively and meticulously with the Commission staff to develop and keep the review process moving forward - made particularly complex due to overlapping schedules and team member commitments - all completed on an aggressive timeline. After the licenses were awarded, Pinck & Co. was engaged as Oversight Project Manager to coordinate all activities related to the design, permitting, construction, and adherence to community agreements and information in applications for the Plainridge Park Casino in Plainville and the MGM Springfield Casino; Jennifer oversaw both of these projects.

Castle Square | Boston, MA

Principal-in-Charge for the extensive occupied renovation of this 500-unit affordable housing complex. Castle Square underwent one of the largest redevelopments in the City's history. A major face lift transformed the façade and created a more dynamic and visually exciting exterior, and a deep energy retrofit produced vital efficiencies. Castle Square received a \$4.4 million grant from DOER and \$6.75 million low interest loan from HUD for a comprehensive energy retrofit, an ARRA funded program and one of the earliest at the time. The total project cost was \$110 million and the project received LEED Platinum certification.

Awards

- ICIC Inner City 100, 2011, 2013-2016
- #36 on Top 100 Women Led Businesses in Massachusetts, 2015
- Boston Business Journal, Pacesetter, 2012, 2013
- NEWIRE Entrepreneur of the Year, 2011
- Banker and Tradesman, Women of FIRE, 2011

Volunteer and Civic Work:

- Board of Zoning Appeals, Cambridge, Vice-Chair (former)
- MA Construction Law Reform Working Group, Member
- Boston Community Capital Loan Fund, Committee Member
- ACG of Massachusetts, Board Member (former)
- ADL of New England, Board Member
- MA Construction Law Reform Working Group

REPRESENTING OWNERS FROM CONCEPT TO CLOSEOUT



PINCK & CO
Owner's Project Managers

Boston:

98 Magazine Street
Boston, MA 02119

Springfield:

221 Industry Ave., Suite 1
Springfield, MA 01104

JENNIFER PINCK

Continued...

REPRESENTING OWNERS FROM CONCEPT TO CLOSEOUT

Awards:

- ICIC Inner City 100, 2011, 2013-2016
- #36 on Top 100 Women Led Businesses in Massachusetts, 2015
- Boston Business Journal, Pacesetter, 2012, 2013
- NEWIRE Entrepreneur of the Year, 2011
- Banker and Tradesman, Women of FIRE, 2011
- Entreprising Women, 2012 The Boston Harbor Association, Trustee (former)

Volunteer and Civic Work:

- Board of Zoning Appeals, Cambridge, Vice-Chair (former)
- MA Construction Law Reform Working Group, Member
- Boston Community Capital Loan Fund, Committee Member
- ACG of Massachusetts, Board Member (former)
- Boston Harbor Association, Trustee (former)
- ADL of New England, Board Member
- MA Construction Law Reform Working Group

Pinck & Co. Partial Project List:

HOUSING

Acton Housing Authority
Belmont Affordable Housing
Brookline Housing Authority
Cambridge Housing Authority
Castle Square Tenants Organization
Chelsea Neighborhood Development
Community Cares Estates
Erie Ellington Apartments
Fenway CDC
Golda Meir House JCHE
Holcroft Homes, I & II
Imani House
JPNDC Angela Westover House
Neponset Field Senior Housing
N.E. Center for Homeless Veterans
Montachusett Veterans Center
Powder House Village
Sharon Ridge WIHED
St. Joseph's Cooperative
Tremont Village Apartments
Victory Gardens
Wadleigh House

HIGHER EDUCATION

Harvard University
Lasell College
Northeastern University
UMass Boston
Westfield State University
Williams College

K-12 EDUCATION

Boston Collegiate Charter School
Brooke Charter School
Boston Chinatown Neighborhood Center
Boston Preparatory Academy
Cambridge School of Weston
Community Charter School of Cambridge
Crispus Attucks Children's Center
Clark Ave. School Chelsea
Dudley-Charlton Regional Schools
Excel Academy Public Charter School
Fay School
Gardner Public Schools
Innovation Academy
MATCH Charter School
Norton High School
Shady Hill School
Thacher Montessori School
Westport Public Schools

COMMUNITY

Belmont Underwood Pool
Community Rowing, Inc.
Emerald Necklace Conservancy
National Consumer Law Center
New Art Center Newton
UTEC
Worcester Common Ground Housing
YMCA Haverhill
YWCA 140 Clarendon
YMCA North Shore

HEALTH CARE

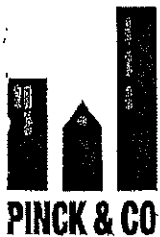
Beth Israel Deaconess Needham
Boston Medical Center
Caring Health Center Springfield
Codman Square Health Center
Cooley Dickinson Hospital
Dimock Community Health Center
Fay School Health Center
Franciscan Hospital
Health Center at New England Center for Homeless Veterans
Lowell Community Health Center
South End Community Health Center

INSTITUTIONAL

Arlington Street Church
Boston Community Capital
City Year Boston
Greater Boston Food Bank
Harvard Unitarian Church
Massachusetts Gaming Commission
Salvation Army Kroc Center
Third Sector New England

COMMERCIAL

Bella Luna Restaurant
The Brewery Small Business Center
Garment District
Newport Computers
Study / Ames St. Restaurant
Winston Flowers



98 Magazine Street
Boston MA 02119
T 617.445.3555
F 617.445.3511
pinck-co.com



MICHAEL F. FITZGERALD, P.E., MCPPO

- Licensed Professional Engineer in State of Missouri since 2004
- MCPPO, Office of the Inspector General, Certified 2014
- Government Top Secret (TS-SCI) Security Clearance adjudicated SEP 2009
- M.S., Engineering Management - University of Missouri-Rolla, Rolla, MO, 1996
- B.S., Civil Engineering - United States Military Academy, West Point, NY, 1991

Michael is an experienced engineer and construction professional with expertise managing large projects ranging from \$25 million to \$2 billion. He has an extensive military background as an Engineer/Officer and has experience with multiple construction disciplines, including engineering review, environmental compliance, financial assessment, construction logistics, scheduling, and community engagement. He is adept at managing large programs and organizations, leading teams in challenging environments, and brings a keen ability to focus on the right objectives during a building project.

SELECT PROJECT EXPERIENCE

Massachusetts Gaming Commission - MGM Springfield | Boston, Springfield, MA

Oversight Project Manager, coordinating all activities related to the design, permitting, construction, adherence to community agreements, and commitments in applications for the MGM Springfield Casino. The \$800 million project – set to occupy a 14.5 acre site in downtown Springfield – will include a landmark casino, hotel and resort, dining, retail and entertainment facilities. Michael worked closely with representatives of MGM and the Mass Gaming Commission to coordinate and monitor the progress as the project moved through preconstruction.

Kansas City District, U.S. Army Corps of Engineers | Kansas City, MO

Second in command of the U.S. Army Corps of Engineers Kansas City District consisting of 850 people, with an annual budget of \$1.2 Billion. Served the Nation, with civil works support in a five-state area, within the lower 500 miles of the Missouri River watershed, providing for navigation, flood risk reduction, emergency response, and natural resource management. Operated and maintained 18 multipurpose lakes (including 2 hydropower dams) providing hydropower generation and recreation. Provided military construction support to the three major Army and two Major Air Force Installations in Kansas and Missouri. Provided environmental service to DOD and the USEPA. Michael was Chief of Staff for 14 divisions/offices, coordinating resources and training for the organization to maintain functional expertise in project management, planning, engineering, construction, operations, real estate, and contracting.

Bagram Area Office, U.S. Army Corps of Engineers | Bagram, Afghanistan

Officer-in-Charge, leading a diverse staff of 65 members including military personnel, contractors, and Corps of Engineers civilian employees engaged in the disciplines of engineering, program management, project management, construction management, contracting, environmental compliance, information technology, and logistics. Projects included the \$120M Bagram AirBase airfield expansion (aircraft hangars, fuel storage tanks, underground fuel distribution system, underground sewer and water lines), prison expansion, barracks buildings, dining facilities, road construction, schools, and police stations.

Rail Car Assembly Facility - China Railway Rolling Stock Corporation (CRRC) | Springfield, MA

Project Director providing consulting and administrative services for the Chinese manufacturer's rail car assembly facility, currently building new train cars for the MBTA in Springfield. The work includes compliance monitoring Minority Business Enterprise (MBE) / Women Business Enterprise (WBE) on behalf of Plaza Construction. The CRRC is under contract for \$729 million to build 152 Orange Line and 132 Red Line trains, slated to be put to use in batches through the end of 2022.

Westfield State University | Westfield, MA

Project Director for the Massachusetts State College Building Authority (MSCBA) Davis and Dickinson Halls renovation project, the first major renovation of these fifty-year-old traditional residence halls. The scope of work includes the addition of a new entry and lounge spaces, renovations to toilet rooms, modifications and improvements to building systems, and new elevators. The Davis Hall project was constructed while occupied throughout the school year; Dickinson hall has completed Schematic Design phase.



Boston:

98 Magazine Street
Boston, MA 02119

Springfield:

221 Industry Ave., Suite 1
Springfield, MA 01104



Katelyn Davenport
Civil/Structural Engineer

Personal summary

Education:

- B.S. Civil Engineering
Syracuse University

Key skills:

- Foundation Design
- Steel Design
- Structural Analysis
-

Summary Resume

A civil/structural engineer with experience in engineering and design of complex foundation and structures associated with major power generation, transmission and distribution projects in the power and utility industries. Proficient with computer aided design programs such as PLS-CADD, Staad.Foundation, Staad.Pro for steel and aluminum design, and MathCAD. Has design experience with Microstation and AutoCAD.

Experience and skills

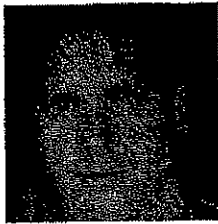
MOTT MACDONALD USA LLC (2011 – Present)

Civil/Structural Engineer

Selected projects

- **New England 230MW Simple Cycle:** Civil/structural engineer for the detailed design of a new 230MW peaking simple cycle power generation facility consisting of two LMS-100 gas turbines in New England.
- **NYPA Willis Expansion, EDPR Jericho Rise:** Lead civil/structural engineer for the detail design of the switchyard and interconnect yard foundations, consisting of drilled pier and mats, to support the electrical structures and equipment associated with the wind farm. Provided procurement and construction support through interconnection.
- **East Brookfield PV Solar** – Lead structural engineer for National Grid Harrington 2234 69KV three-breaker-ring switchyard and 20MW PV collector POI substation. Completed detailed structure and foundation design as well as provided procurement and construction support. Completed incoming line design using PLS-CADD and rigid bus design using IEEE.
- **Eagle Valley, Client: Chicago Bridge and Iron (CB&I)** – Completed the detailed structural design for the new CT Building and HRSG Foundation at an existing facility.
- **NYPA Robert Moses Niagara Hydroelectric Power Station** – Support structural engineer for the detail design of a new elevated maintenance platform within the existing Head Gate maintenance facility. The design included folding safety grates for fall protection within the platform opening down to the head gate units.
- **Sentinel Energy Project, US, CPV/Gemma Power Systems:** Civil/structural engineer for the detail design of a new, eight unit, natural gas fired, 850 MW simple cycle facility, located in Riverside County, California. The site is approximately 37 acres and consists of the eight GE LMS100 combustion turbine generators, cooling towers, tanks, ammonia unloading, compressors, and an administration building. The site is located within an active seismic area, with the closest fault, the San Andreas Fault, located 0.25 miles from the site.
- **National Grid** – Completed the detailed structural design for multiple substations and switchyards in MA, RI and VT. Completed wire tension calculations and dead end structure design using PLS-CADD. Completed the general arrangement and additional design work using Microstation.

Summary Resume



John S. Antkowlak
 Sr. Mechanical Engineer

Personal summary

Education:

- BSME University of Lowell

Key skills:

- Start up and Commissioning Management
- Process Optimization
- Detailed Mechanical Design
- Process Design
- Owners/Lenders Engineer Due Diligence
- Off-shore Oil & Gas
- Combined Cycle Power Generation
- Biofuels
- Pulp & Paper
- Machine Design Research & Development

Twenty Five years industry experience with substantial time in the field and an established ability to successfully commission, start-up, troubleshoot, and optimize mechanical, process, and control systems.

Experience and skills

MOTT MACDONALD USA LLC (Aug 2016 – Present)	Sr Mechanical Engineer
Alpha Completions, Inc. , (Nov 2014 – Sep 2016)	Mechanical Commissioning Coordinator
Woodgroup PSN , (Dec 2011 – Sep 2014)	Mechanical Commissioning Coordinator
Mott MacDonald USA LLC (Dec 2010 Dec 2011)	Sr Mechanical Engineer
GEMMA Power (Dec 2009 – Dec 2010)	Mechanical Commissioning Lead
Mott MacDonald USA LLC (May 2006 Dec 2011)	Sr Mechanical Engineer
JEMSA Consulting, LLC (Jan 1997- May 2006)	Owner / Consulting Engineer
Ingersoll-Rand (Jun 1990 – Jan 1997)	Various

Selected projects

- **Stampede, HESS:** Topsides commissioning services for a deepwater 80,000 BOPD / 40 MMscfd Gas Tension Leg Platform with 80 MMscfd Gas Lift Injection capability and powered by four Solar Titan 130 Gas Turbine Generator sets with waste heat recovery.
- **Jack St Malo, Chevron Corporation:** Topsides and Hull commissioning services for an ultra-deepwater 170,000 BOPD / 42.5 MMscfd Gas Floating Production Unit Semi-Submersible Platform and powered by four GE LM2500 Gas Turbine Generator sets with waste heat recovery.
- **Sentinal Energy Project, Competitive Power Ventures Holdings, LLC:** Mechanical Design Team member for a 800 megawatt (MW) electrical peaking power generating facility based on eight natural gas-fired General Electric (GE) LMS100 combustion turbine generators (CTGs) operating in simple cycle mode with SCR and CO catalysts and zero liquid discharge system.
- **Colusa, PG&E:** Commissioning Team member for a 2 x 1 640MW duct fired combined cycle plant using GE frame 7FA combustion turbines and GE reheat steam turbine, an air cooled condenser and a zero liquid discharge waste water treatment system. Responsible for all mechanical systems from construction turnover to substantial completion and plant operation.
- **KZN Pulp & Paper, NedBank Consortium:** Provided lender's engineer technical analysis for a South African project with regard to the process design and feasibility of a proposed 85,000 tons per year BCTMP and Recycled Tissue and Paper mill.
- **Port Neches, Renewable Bio Fuel:** Commercialize Renewable Biofuel's Port Neches project, a 160 million gallon per year continuous biodiesel design from process and flow conceptual phase, detail design, through to commissioning, start-up and optimization.
- **Galena Park, Green Earth Fuels:** Responsible for system head loss analysis and pump selections as well as control and interlock logic design and implementation for a batch process RBD Soy 41 million gallon per year biodiesel plant. Performed the Factory Acceptance Test (FAT) of the control system. Provided process and controls commissioning services during startup.
- **Sykytykvar, LPK Russia:** Provided final stage erection supervision, system and equipment commissioning, operator training, start-up supervisions and subsequent troubleshooting and optimization of a kraft pulp mill modernization project.

M M MOTT MACDONALD

Theresa A. Albanese,
PWS

Senior Project Manager,
Environmental

Personal summary

Education:

BS, Natural Resource
Management and Applied
Ecology, and Wildlife
Management, Rutgers State
University of New Jersey,
1986

Registrations:

Professional Wetland
Scientist, #000153

Professional memberships:

- Connecticut Association of
Wetland Scientists
- Association of Massachusetts
Wetland Scientists
- Society of Wetland Scientists
- Women's Transportation
Seminar
- New York State Wetlands
Forum

Environmental Review and
Compliance for Natural Gas
Facilities (FERC 5/2015)

Years in practice:

30

Ms. Albanese is a Professional Wetland Scientist with 30 years of extensive environmental management, consulting and permitting experience. Theresa has managed technical and administrative components of various projects and conducted various environmental studies involving wetland and waterway identifications, delineations, and analyses; environmental assessments; wetland and stream mitigation, enhancement/ restoration and mitigation. Ms. Albanese has significant permitting experience with Federal regulatory agencies, including the Federal Energy Regulatory Commission (FERC). Her role as an Environmental Manager includes coordination of various local, state and federal permitting for civil, utility, energy, power and transportation projects within the various regions of the US. She has performed alternative analyses and feasibility studies for transportation and utility corridor projects, water/wastewater, industrial and commercial projects. Additionally, Theresa is well versed in various States' environmental review process and NEPA. Ms. Albanese has also served as the resident engineer wetland specialist and has inspected and monitored utility, rail and transportation wetland mitigation construction projects.

Employment history

2015 – Present	Mott MacDonald
2002 – 2014	Gannett Fleming, Inc.
2000 – 2002	ENSR International
1996 – 2001	Natural Resources Group, Inc.
1986 – 1996	Lynch, Giuliano and Associates

Selected projects

PennEast Pipeline Company, LLC; PennEast Project, PA, NJ: Environmental Manager providing permitting and engineering support for FERC resource reports and state permitting effort for 114 miles of 36-inch diameter interstate natural gas pipeline, one compressor station, and associated above-ground facilities. The proposed pipeline will supply natural gas to markets in Pennsylvania and New Jersey.

Tennessee Gas Pipeline Company, Vegetation Maintenance Plan Projects, MA, RI, NH, NY, and PA: Environmental Project Manager responsible for consultations and notifications with state rare species agencies, USFWS, and Conservation Commissions, as applicable on rare species and wetland and waterbody impacts. The Project involved the mechanical vegetation maintenance of existing gas pipeline ROWs as needed.

NiSource/Columbia Pipeline Group, KY, LA, MD, OH, PA, VA, WV: Environmental Manager responsible for identifying environmental and regulatory aspects of decision support packages on numerous pipeline/facility replacement and modernization projects. The projects include abandonment, replacement, looping, and coating of hundreds of miles of bare steel natural gas pipeline with new steel and plastic pipe, ranging from 4-inches to 20-inches in diameter.

American Midstream, LLC; High Point Gas Transmission, Venice to Toca Pipeline Abandonment Project, LA: Environmental Manager responsible for developing FERC Resource Reports and state and federal permit applications for the abandonment and sale of approximately 61.3 miles of natural gas pipeline to be converted for the transportation of Y-grade natural gas liquids.

Kinder Morgan; Northeast Energy Direct Project, PA, NY, MA, CT, NH: Environmental Team lead responsible for the oversight and management of environmental and permitting subcontractor for a new 420-mile, 20 to 36-inch diameter interstate natural gas pipeline supply natural gas to markets throughout the northeast United States, and nine new compressor units in Pennsylvania, New York, and Massachusetts. The project included Federal, state and local permitting authorities, including the FERC, USFS, NPS, USACE, USFWS, and multiple state agencies, including counties and municipalities.

Rice Olympus Midstream, LLC; Odin Phase III Pipeline Project, OH: Environmental project manager responsible for environmental permitting and biological survey activities supporting the design and construction of approximately eight miles of 24-inch diameter steel gathering line to supply natural gas markets in Ohio, West Virginia and Pennsylvania. Surveys included wetland and waterbody surveys, oversight of cultural resources literature review, a habitat assessment, and consultation with USACE, USFWS, Ohio Environmental Protection Agency and OH Department of Natural Resources.

Consolidated Edison of NY, Croton River Horizontal Directional Drill Project, Croton on the Hudson, NY: Assistant Project Manager /Project Wetland Scientist/Permit Specialist for installation of seven HDPE 13kV submerged cables, management of project and schedule, facilitated and performed various environmental services, consultations and reports in support of the project design and construction. Secured local, state and federal permits for project. Managed technical, budgetary and administrative items along with schedule.

Connectiv Energy, Biological Assessment, Burlington County NJ: Environmental Lead for feasibility analysis for proposed construction of 550 MW power plant. Developed and implemented 10-month monitoring study of nesting bald eagle pair nesting on Newbold Island in the Delaware River. Prepared Biological Assessment – Section 7 ESA and evaluated impact assessments to US Fish and Wildlife Service and NJDEP Division of Fish and Wildlife. Consultation and coordination with resource agencies and stakeholders.

Besicorp-Empire Development Company, LLC, Newsprint Recycling Plant and 500 MW Gas-Fired Generation Plant Facility (Proposed Nine-Mile Transmission Line), East Greenbush, NY: Land Use Task Manager responsible for performing environmental studies, including wetland delineations, environmental assessments, corridor feasibility studies, threatened and endangered habitat assessments, and flora and fauna surveys, along an existing right-of-way for a proposed transmission line. Responsibilities included assisting with the development of a report and application per Article VII of the New York State Public Service Law for siting of major utility transmission facilities.

Connectiv Power Delivery, Upgrades for Electrical Transmission Lines/Installation of 1.7 Miles of New Submerged Cable, Stafford to Ship Bottom, NJ: Project Manager responsible for environmental and biological surveys including wetlands and habitat assessments for rare, threatened and endangered species; prepared and managed the production of various environmental reports, including an environmental impact statement, NMFS essential fish habitat study, a barred owl habitat study, swamp pink habitat assessment, and submerged aquatic vegetation report and mapping. Prepared/submitted various Federal and State permit applications, for proposed upgrades of two existing, 6-mile-long, electrical transmission lines and the installation of new 1.7 miles of submerged cable.

New York City Department of Environmental Protection, Environmental Support Services for Gilboa Dam Reconstruction, Schoharie County, NY: Senior Environmental Biologist responsible for permitting and managing technical studies at the Gilboa Dam and Schoharie Reservoir associated with proposed dredge and disposal of sediments from within the reservoir. Performed natural resource studies and applied for and obtained a NYSDEC scientific collection permit. Additional studies along with permitting were performed for assessment of construction access routes, temporary waterway crossings, geotechnical borings, and sampling for various locations. Coordinated and developed various permit applications to the NYSDEC Dam Safety Unit and to the USACE for nationwide permit authorizations.

New York City Department of Environmental Protection (NYCDEP), Filtration Avoidance Determination, Stormwater Control, Westchester and Putnam Counties, NY: Project Wetland Scientist/ Permit Lead responsible for conducting biological studies and permitting and environmental review services for miscellaneous civil and transportation task-order contracts and design work at facilities throughout the NYCDEP watershed region. Projects included stormwater conveyance and stormwater treatment work related to the city's filtration avoidance determination and the construction of improvements to control stormwater erosion. Conducted research and prepared SEQR environmental assessment and management of permits and authorizations. Prepared local, state and Federal permits including a NYSDEC/USACE Joint Application for Permit; NYSDEC Article 24 Freshwater Wetland permits; New Jersey Pollutant Discharge Elimination System permits; a Section 401 Water Quality Certification; an MS4 Notice of Intent and stormwater pollution prevention plan approval; local land disturbance, soil erosion, floodplain disturbance, wetland and tree-cutting permits; and municipal site plan

approvals. Permitting entities included NYSDEC, USACE, the County of Putnam, the Town of Bedford, and the Town of Carmel.

New York City Department of Environmental Protection, Ashokan Field Campus, Ashokan, NY: Senior Scientist responsible for the preparation of an assessment of regulations, approvals, and permits required to rehabilitate an existing berm at the Ashokan Field Campus. Environmental studies included wetland studies, environmental assessment, floodplain forest transects, bat mist-net surveys and monitoring; conducting research, and preparing permitting document write-ups.

NJ Department of Environmental Protection (NJDEP), NJDEP Environmental Assessment and Field Contractor for CDBG Program; Nine NJ Coastal Counties: NEPA-HUD Program Director/Project Manager served as main contact for NJDEP responsible for team performing NEPA-HUD Environmental reviews and planning for various Superstorm Sandy Relief funding programs.

Williams E&P, Unconventional Gas Well Permitting Services, Broome County NY: Environmental Permit Coordinator/ Senior Wetland Scientist responsible for coordinating and preparing submittals to facilitate the development of a well pad site for vertical well explorations. Stakeholder coordination town and county, NYSDEC Bureau of Oil and Gas, and the Susquehanna River Basin Commission. Various submittals for roadway bonding forms, land development plan, erosion and sediment control plan, post-construction stormwater management plans, resource agency consultation and sign-off, pollution/preparedness/contingency plan, drilling permits, approval by rule registration, water source registration, and water metering plan. Performed biological studies including site reconnaissance and wetland delineation, and coordinated land survey. Coordinated pre-application meeting with the NYSDEC field inspector for project intent and stakeholder input. Critical path method scheduling was applied and tasks were identified to meet client schedule.

Connectiv/Antlantic City Electric, Maintenance Dredging for a Coal-Fired Power Plant, Great Egg Harbor River, Cape May County, NJ: Project Manager responsible for acquiring state (NJDEP) permits and licenses and modification to a USACE Individual Permit for maintenance dredging for the water intake location and the outfall channel area in a portion of a navigable river, also designated as a federal wild and scenic river. Consultation with federal, state and local agencies.

Massachusetts Department of Transportation, I-91 Intelligent Transportation System (ITS) Design-Build, Longmeadow to Bernardston, MA: Senior Project Wetland Scientist responsible for identifying environmentally sensitive areas and performing wetland delineations in the vicinity of three proposed variable message signs and three closed-circuit television (CCTV) systems locations. Work included identifying and preparing local wetland permits and coordinating with federal, state, and local environmental agencies. Tasks included preparing Notice of Intent (NOI) for a National Pollutant Discharge Elimination System (NPDES) general construction permit; and filing NOI via the U.S. EPA website; preparation of stormwater pollution prevention plan (SWPPP) for six additional sites.

Massachusetts Department of Transportation, Route 128/I-95 Intelligent Transportation System (ITS) Design-Build, Burlington to Lynnfield MA: Senior Wetland Scientist performed wetland and water delineations utilizing GPS along 10 mile corridor for fiber-optic route to support three closed-circuit television (CCTV) systems. Preparation of local wetland permits and coordination with federal, state, and local environmental agencies.

National Railroad Passenger Corporation (Amtrak), Culvert Modifications Various locations CT: Project Scientist responsible for facilitating and performing various environmental services for culvert replacements, including coordinating and providing various permitting needs relative to four culvert locations and determined applicability of local, CT State (Water Quality Certificate, Coastal Area Management), and federal (USACE Programmatic Permit) regulations as they applied to the proposed culvert replacements. Performed biological wetland and waterbody investigations. Preparation of initial permits as required and consulting with state and federal regulatory agencies. Additional tasks included performing a review of hydraulic and hydrologic design analyses; consultation requests for rare species database reviews to U.S. Fish and Wildlife Service, National Marine Fisheries Service, and the Connecticut Natural Diversity office. Assisted with development of construction plans, specifications, cost estimates, and construction schedules for each of the four sites.

Connecticut Department of Transportation, Danbury Branch Signalization, Danbury to Norwalk, CT: Environmental Task Manager/Senior Wetland Scientist responsible for

environmental permitting for a major capital improvement known as the Danbury Signalization and Pole Project, to construct various improvements along an approximate 24-mile section of the Metro-North Railroad Danbury Branch. The overall project included the installation of approximately 808 concrete caisson foundations to support steel wide-flange bolted base poles and 106 guy anchor foundations, to be constructed within the existing railroad right-of-way. A corridor wetland delineation and assessment was completed to address regulatory jurisdiction and to evaluate and identify environmentally sensitive areas along the corridor. Prepared categorical exclusion document for Federal Transit Administration for the entire project corridor. Preparation of USACE Programmatic General Permit - Category 2. State permits and authorizations included the preparation and submittal of a 401 State Water Quality Certificate, CTDEP Certificate of Permission and Coastal Area Management consistency review. Evaluated and developed the required specifications, notes, and details for the construction drawings as a result of the delineations of the various environmentally sensitive areas. Coordination of permitting plan set and construction plans, specification and documents including delineation limits and environmental considerations. Coordination with federal, state, and local resource agencies including Connecticut Department of Transportation, U.S. Fish and Wildlife Service, and the National Marine Fisheries Service regarding threatened and endangered species and species of special concern.

Atlantic City Municipal Utilities Authority, Design, Environmental Permitting, and Construction Management of 48-Inch Water Main Bypass, Atlantic City, NJ: Task Manager/Senior Environmental Scientist responsible for the environmental permitting for a two-phase project, involving the installation of a 24-inch-diameter, high-density polyethylene (HDPE) emergency bypass line installed by HDD to supplement a 48-inch-diameter water main, and the slip-lining of an existing 48-inch water main. Secured Initial emergency environmental permits from federal and state agencies. Secured and obtained a soil erosion and sediment control certification. Consulted and corresponded with the U.S. Coast Guard regarding navigation for placement of a barge in the waterway and considerations of a federal channel. Rare species consultation and coordination with NMFS, FWS and state agencies and time of year seasonal restrictions. Prepared and implemented a coastal wetland restoration/mitigation design plan and design for mitigation and coordinated construction and monitoring with the agencies.

Awards

- 2011 Southington-Cheshire YMCA Volunteer Service Award
- 2010 President's Project Team Award: NJDOT Reconstruction of New Jersey Route 18 Project (Gannett Fleming)

Summary Resume



Eric W. Pretorius, P.E.

**Senior Electrical Engineer/
 Project Manager**

Personal summary

Education:

- * BSEE Electrical Engineering (Power)
- * AAS Electromechanical Engineering Technology

Registrations:

- * Professional Engineer – CA, GA, MA, MD, NJ, NY, TX, VA, VT

Key skills:

High Voltage Distribution (up to 380kV), GIS Switchgear, Renewable energy, thermal generation, interconnect studies, distribution design, power plant development support, transportation infrastructure design and owner's engineering support. System Analysis for Arc Flash evaluations.

Special areas of expertise – Power Engineering, project management, site Construction support supervision, control logic.

Senior Professional Electrical Engineer and Senior Project Manager for project performed by Mott MacDonald with over 28 years of distribution and power engineering experience. Has engineered and managed large substation project as well as worked with renewables such as wind turbines, solar photovoltaics and flywheel connections. Specific areas of expertise include renewable energy generation, thermal generation, and high voltage utility switchyard design; interconnect studies, distribution design, power plant development support, transportation infrastructure design and owner's engineering support.

In addition to Power Utility experience, experienced in Transportation and Industrial applications with considerable experience in construction startup/commissioning for various installations.

Experience and skills

MOTT MACDONALD USA LLC (2007 – Present)	Senior Electrical Engineer
CAREBA POWER ENGINEERS, LLC (2003 – 2007)	Senior Electrical Engineer
R.G. VANDERWEIL ENGINEERS (1999 – 2003)	Senior Electrical Engineer
YANKEE ENERGY SERVICES CO. (YESCo Power) (1998 – 1999)	Senior Electrical Engineer
RUSSELECTRIC, INC. (1987 – 1998)	Switchgear Project Engineer

Selected projects

- * **PSEG:** Owner's engineer for 69kV GIS substation upgrades from 26kV AIS switchgear.
- * **National Grid USA:** Project management & Technical Electrical Lead for (4) substation rebuilds and various EMS upgrade projects.
- * **Patton Wind, Patton, PA:** Project management and detail engineering of a 15 Gamesa G9X 2.0MW wind farm collection system, collector substation and relay panel control system for wind farm.
- * **Arbeel & Sulaymanuyah Power Plant, Mass Global:** Simple Cycle to combined cycle power plant upgrades for increase power production of each plant by 600MW at 400kV. Work includes new diagonal 400kV switchyards. Owner's Engineer with conceptual design and review of project drawings, calculations, submittals and specific
- * **Maasbracht Substation, Netherlands, Tennet:** 380 KV substation upgrades. Engineering design, coordination for the construction expansion of three substation bays (velds) for the addition of three 280MW Alstom gas turbine connections.
- * **Ryan Road Substation, Churubusco, NY, Noble Environmental:** 230 KV substation and wind farm. Engineering design, coordination and site support for the construction of a 230 KV ring-bus substation to support three wind farms (288MW/192, 1.5MW turbines).



Summary Resume

Stephen C. Doret
Senior Hydroelectric
Consultant

Personal summary

Education:

M.S., M.I.T., Cambridge, MA;
Civil Engineering
B.S., Northeastern University,
Boston, MA; Civil Engineering

Registrations:

Professional Engineer: AL,
CA, CT, IL, MA, MI, NH, NY,
RI, VT, and WI

Expert in hydroelectric projects including pumped storage, FERC licensing/re-licensing, and hydroelectric power plant upgrades and rehabilitations.

- * Hydroelectric project development and rehabilitation work including project licensing support work
- * Hydro Project Staffing, operations, CAP Ex and O&M review consultation
- * Due diligence and cost benefit analysis evaluations including cost modeling for Internal rate of return and net present value of proposed assets-USA, Canada, Italy and Mexico
- * FERC approved Independent Consultant for Hydroelectric Project Part 12D Review
- * Flood Analysis, FERC PMF and FEMA Flood analysis, letters of map Revision, HEC RAS Unsteady Flow modeling.
- * Hydraulic analysis, and design, specification and contract development, field construction supervision.
- * Dam and levee stability analysis review for Clients associated with questions and needs for renovation and upgrades
- * Structural Engineering, design calculations, and building department submittals and calculation sets.
- * Hydroelectric and thermal electric station civil and structural design and support engineering.
- * Thermal electric intake and discharge design including intake velocity caps, shoreline intake structures and connecting pipelines/conduits or tunnels
- * Thermal Power Station site development, coal pile design development for layout logistics and stockpiling.
- * Structural Engineering, design calculations, and building department submittals and calculation sets.
- * Capital and expense spread sheet development.
- * Project Management, Construction Supervision and Oversight, Site development and design, rainfall runoff and storm drainage design
- * Thermal power station waterborne security design and development
- * US EXIM Bank's Engineer on a Combined Cycle thermoelectric Station, Sonora, Mexico

Experience and skills

MOTT MACDONALD USA LLC (2016 – Present)	Senior Hydroelectric Consultant
MILL ROAD ENGINEERING CO. (2004 – 2016)	Company Principal
STONE & WEBSTER, INC. (2001 – 2004)	Executive Consultant
PARSON'S BRINCKERHOFF, INC. (2000 – 2001)	Project Manager
ALDEN RESEARCH LABORATORY (1999 – 2000)	Vice President
US GEN NEW ENGLAND (1998 – 1999)	Consulting Engineer
NEW ENGLAND POWER CO. (1996 – 1998)	Manager Hydro Services
NEW ENGLAND POWER CO. (1992 – 1996)	Manager Civil Engineering

Selected projects

- * Project Engineer P-13551 Marseilles Land and Water Company, four unit, project for design and construction. Awaiting FERC release for Construction
- * Project Engineering Manager for Design through Operation P-13417, Sparta Wisconsin. Project on line April 2014
- * Engineering and support for client hydroelectric operations and interface with FERC. Develop evaluations and solutions for field implementation and documentation for FERC review and approval.
- * Provide due diligence for a large east coast generation project developer. Work included site reconnaissance, electric market assessment, project site preliminary arrangement drawing conceptual design work sufficient to provide a detailed construction cost estimate for the proposed project, G&A and operational budget development for use in providing a cost benefit analysis. Project effort resulted in the development of a cost benefit model able to predict internal rate of return and net present value for various project life estimates. Work resulted in a report summarizing the conclusions for nine potential hydroelectric projects along various river systems in the United States.
- * Provide due diligence support for an International Power plant owner/operator to acquire hydroelectric assets in the USA and Canada.

- Provide due diligence support for Province to Province new hydroelectric generation facilities and undersea HVDC interconnection
- FERC approved Part 12D Independent Consultant
- Consulting engineer providing due diligence reviews for power station acquisitions, design and support for hydro project rehabilitation and operation. Completed over one hundred station reviews in Italy, United States and Canada, including 32 station reviews as Mill Road Engineering.
- Provide Consulting Engineering Services for Clients review of risk analysis of levee projects and other unique questions associated with operation of hydroelectric and levee protected facilities.
- Provide consulting engineer service for operations and business risk assessment of continued operation for existing power plant systems, components and equipment.
- Field Construction and Supervision support for rehabilitation and redevelopment and automation of hydroelectric projects.
- Ongoing work for resolution of PMF flood issues for two Clients, four hydro projects associated with developing and routing the PMF for two rivers at two FERC projects. The work is being conducted using HECRAS in the unsteady flow mode.
- Design development for spillway rehabilitation project and new license application including powerhouse design and structural analysis, transmission interconnection and local licensing.
- Hydroelectric and thermal electric station civil-structural design and support engineering.
- Recently completed FEMA review and modification of flood analysis for the Townships of Edenville, Sanford and Jerome and Lincoln, Michigan; resulting in a LOMR Case Number 10-05-5374P and a significant reduction in the number of homes included in the flood zone.
- Provide liaison for Midwest Utility associated with FERC required safety improvement projects associated with dam safety, penstock replacement analysis, earth dam stabilization toe drain project, intake support upgrade and tainter gate repair project for dewatering gate and bulkhead details, PMF dam upgrades and analysis.
- Consulting Engineer for Commonwealth of Massachusetts grant award review and recommendation for grant awards for small hydro station renovation and upgrade to the Massachusetts Technical Collaborative.
- Bank's Engineer for US EXIM Bank on Combined Cycle Naco Nogales Station in Aqua Prieta, Sonora, Mexico.
- Consulting Engineer providing design and management recommendations for building project submittals and calculation sets, power plant security and design for domestic and international security projects
- Security Consultant and Design Engineer for waterborne security device installations at Nuclear and conventional power stations, water supply reservoirs and irrigation supply facilities.
- Rhode Island Hospital Substation Building and Emergency Diesel Generator Project, Design & Installation of Four Hospital Emergency Generators. Responsible structural and civil engineer for the project.

FERC Project Experience

- LP 13351 Marseilles Land and Water Company - Marseilles Illinois -- Licensing support, design and develop project from inception to release for construction 10.26 four unit run of the river station. Construction start is imminent.
- LP 2964 City of Sturgis, Michigan - City of Sturgis Independent Consultant Report. CSIR June 2014
- LP 13417 Angelo Dam Project - Western Technical College -- License, design and Supervise Project from inception to completion with New Station on line April 2014
- LP 2402 Wisconsin Public Service -- Prickett Station Spillway Improvement Project for revised PMF -- Project Engineer responsible for the investigation and design of a spillway upgrade to the Prickett Diversion dam gates and hoist, dam raise for the diversion dam and intake dam, evaluation of embankment stability and concrete dam elevation increase and specification of the Tainter gate hoist improvements required due to a revised PMF level for the facility.

- * LP 2506 Wisconsin Public Service – Escanaba # 1 – Design Engineer and Engineer of Record for Radial gate heater seal replacement and new gate stop log slot installation for Radial gate. Design Engineer and Engineer of Record for trash rack structural support rehabilitation.
- * LP 2563 Wisconsin Public Service – Potato Rapids Installation of Toe drain filter – Design, and submit for FERC approval on behalf of WPSC and provide field QCIP services for the installation of a toe filter, filter protection and riprap protection for this earth fill dam. Provide field QA/QC supervision during project installation
- * LP 2506 Wisconsin Public Service – Escanaba No. 4 East Abutment Concrete Repair – Design and supervise field concrete repair of the east spillway abutment of the Escanaba # 4 Project, Boney Falls Dam.
- * LP 2216 New York State Power Authority-Niagara Project –
 - * Served as a member of a two man Independent Consultant team to conduct the 2008 five year safety inspection report for this facility. Inspection included the Robert Moses intake and powerhouse as well as the Lewiston Pumped Storage facility, including the upper reservoir dikes and powerhouse and discharge canal- intake to Robert Moses Station. Work product was a multivolume CSIR.
- * LP 1966 Wisconsin Public Service-Grandfather Falls Project – Provide Independent Consultant Inspection review of project structures including dam, old powerhouse, new powerhouse intake structure, two embankment dams, and two wooden penstocks. Work included the evaluation of the structure and particularly the condition of the two 32 year old wooden penstocks. The work product was a multivolume CSIR and STID with the PFMA results.
- * LP 2785 Boyce Hydro, LLC-Sanford Project – Provide Independent Consultant Inspection review of project structures including embankment dam, powerhouse with intake structure gated Ambursen type spillway structure and fuse plug. Work included the evaluation of the structure and embankments and the evaluation of the spillway adequacy associated with the recently constructed fuse plug system. PFMA review indicated that the structures and embankment were sound and met the criteria for FERC continuing project safety. The work product was a multivolume CSIR and STID with the PFMA results.
- * LP 10809 Boyce Hydro, LLC Secord Project – Provide PMF saddle discharge overland routing to prove main embankment survives PMF event. Develop HEC –RAS model of reservoir saddle discharge event during PMF to relieve reservoir surcharge. Create and file report to FERC Chicago regional office by established deadline.
- * LP 10808 Boyce Hydro, LLC-Edenville Project – Revise PMF flow levels due to revised PMF methodology, resolve PMF embankment overtopping issue. Remodel the PMF reservoir inflow and discharge, recommend solution to PFM discharge flow for gate structures. Provide project toe drain design and project earth embankment stability analysis.
- * Boyce Hydro, LLC-Smallwood Project – Provide Independent Consultant Inspection review of project structures including embankment dam, powerhouse with intake structure gated Ambursen type spillway structure. Work included the evaluation of the structure and embankments and the evaluation of the spillway adequacy associated with the recently constructed sheet pile diversion system. PFMA review indicated that the structure has exposure to end-cutting particularly during flood events which would create dam overflow. The work product was a multivolume CSIR and STID with the PFMA results.
- * LP 2438 Seneca Falls Power Corp -Waterloo and Seneca Falls Project – Provide Independent Consultant Inspection review of project structures including embankment dam, powerhouse with intake structure gated structure and Obermeyer type bag operated crest gate system at two developments for this project. Work included the evaluation of the structure and embankments with a particular review of the foundations associated with potential gypsum deposit solutioning of the foundation support layer. PFMA review indicated that the structures and embankment were sound and met the criteria for FERC continuing project safety. The work product was a multivolume CSIR and STID with the PFMA results.
- * LP 7148 Acton Hydro Electric – Assabet River – Develop rehabilitation specifications and drawings for dam modification allowing increased spillway capacity and project return to service. Develop a design report on the initial cause of failure and remediation to secure the dam.

- * LP 1904 Formerly New England Power Company- Vernon Sta. Connecticut River -- Design and construction crest modification to 600 foot ogee spillway including dam anchorage for installation of six 50 foot tailer gates, trash rake deck and trash removal system. Work included development of spillway adequacy for overturning and sliding.
- * Design downstream fish migration facilities and fish migration conduit, all design information supplied to FERC for review and approval.
- * Design for and license Vernon Station rehabilitation for installation of two 14 megawatt diagonal flow units as replacement for 4 - 2 megawatt Francis turbine machines. License modification approved. Installation was later modified by new project owner and a different design was installed.
- * LP 1855 Formerly New England Power Company -- Bellows Falls Sta. Connecticut River -- Design and construct downstream fish migration facilities at station. Design values and calculation supplied to FERC for review and approval.
- * LP 1892 Formerly New England Power Company -- Wilder Sta. Connecticut River -- Design and install up-steam fish migration fish ladder for 60 foot vertical change in elevation. Design values and calculation supplied to FERC for review and approval.
- * Design, license, specify and construct Wilder Station Third Unit addition. Design included development of stability for overturning and sliding. Design values and calculation supplied to FERC for review and approval.
- * LP 2077 Formerly New England Power Company -- Frank B. Comerford Sta. Connecticut River -- Design and execute concrete overflow and non-overflow crest concrete restoration
- * Design, specify and supervise total rehabilitation of Connecticut Lake Storage Dam. (A related Licensed Project facility)
- * LP 2077 Formerly New England Power Company -- Samuel Moore Sta. Connecticut River Develop crest and embankment surveys for potential settlement sloughing.
- * LP 2323 Formerly New England Power Company-Deerfield No.2 Station Deerfield River -- Design and execute station rehabilitation, concrete crest repair, installation of trash rake system
- * Design, specify and construct modifications to right abutment for new transformer installation and non-overflow crest rehabilitation. Supervise downstream fish migration design. Design values and calculation supplied to FERC for review and approval.
- * Formerly New England Power Company Deerfield No. 3 Station Deerfield River -- Design, specify and execute installation of hydraulic flashboard panels, install new trash rake. Design values and calculation supplied to FERC for review and approval.
- * Formerly New England Power Company Deerfield No. 4 Station Deerfield River -- Design, specify and install trash rake system for power house.
- * Formerly New England Power Company No. 5 Station and Canal System. -- Design, specify and install embankment to conduit replacement for resolution of long standing embankment stability problem. Design values and calculation supplied to FERC for review and approval.
- * Design and supervise rehabilitation and refurbishment of Dunbar Brook Diversion structure. Design values and calculation supplied to FERC for review and approval.
- * Formerly New England Power Company Sherman Station- Deerfield River -- Design, specify and install spillway extension including rock anchorage, spillway channel modification and embankment modifications to satisfy PMF requirements. Design values and calculation supplied to FERC for review and approval.
- * Design supervision for spillway bridge replacement for providing structural adequacy for Yankee Rowe reactor vessel transportation to Barnwell, SC. Design values and calculation supplied to FERC for review and approval.
- * Formerly New England Power Company Hanfman Dam and Station- Deerfield River -- Design, specify and install spillway crest flood wall. Design values and calculation supplied to FERC for review and approval.
- * Design and supervise installation of downstream minimum flow device at two hundred foot head facility.
- * Formerly New England Power Company Searsburg Station Deerfield River -- Provide concrete repair design for ogee spillway and station concrete rehabilitation

- * LP 2323 PMF / PMP River Study – Project Engineering Manager working with FERC appointed Board of Consultants to resolve multi Agency dispute on proper PMP/PMF for the Deerfield River Facilities. Develop PMP estimates, PMF elevations, spillway requirements and dam modifications and spillway increase as necessary for each licensed development on the Deerfield River. Design values and calculation supplied to FERC for review and approval.
- * LP 2669 Formerly New England Power Company- Bear Swamp and Fife Brook Station Deerfield River – Design, specification and installation of Rock Fall Protection for transformer yard, bus duct tunnel extension. Project included development of PMP rock slide potential of mountain slope and installation of rock face stability anchors. Design values and calculation supplied to FERC for review and approval.

Project Licensing Experience as Mill Road Engineering

- * P-13417 Angelo Dam, Angelo Wisconsin-Western Technical College – Project license issued 12/28/12
- * P-13635 Gloversville Water Works, Town of Gloversville, NY – Completed Licensing for Conduit Exemption of water works supply pipeline. Project license issued 10-29-10.
- * P-13371 Town of West Stockbridge Massachusetts – License application filed by Client, under FERC review.
- * P-13237 Crocker Dam, Whitman River Dam Company, Westminster, MA – Project license issued 6/15/12
- * P-13351 Marseilles Hydro Electric Project, Marseilles Land and Water Company, Marseilles, IL. – Project license issued 12/15/11

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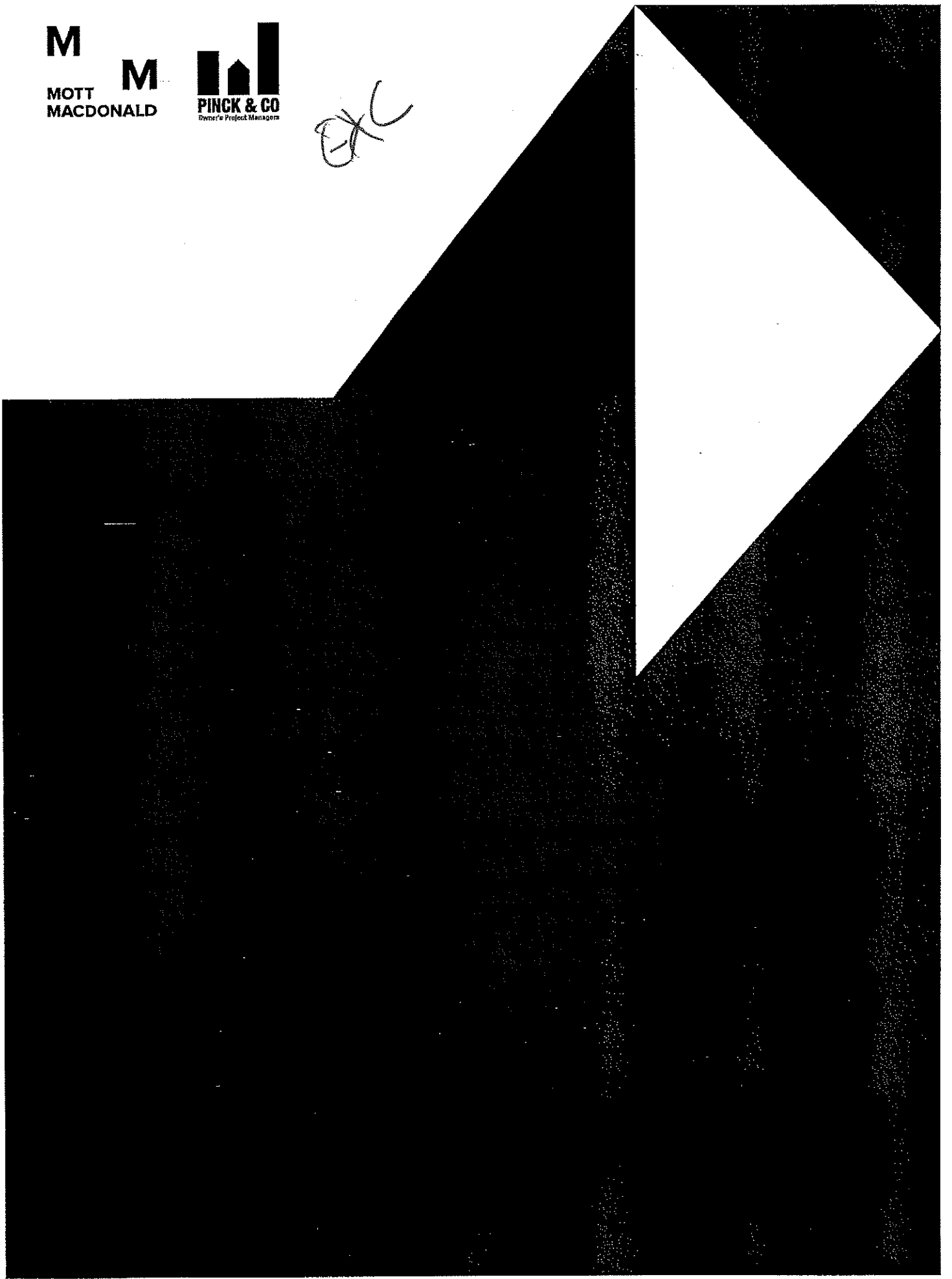
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MOTT
MACDONALD

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EXC



December 7, 2016

Re: **Fee Proposal**
RFP 17-070

REPRESENTING OWNERS FROM CONCEPT TO CLOSEOUT

Dear Ms. Stabilo and Selection Committee

We are pleased to submit our hourly rates for the above referenced project.

Principal	\$ 225
Project Manager	\$ 165
Technical Coordinator	\$ 125
Mechanical Engineer	\$ 145
Electrical Engineer	\$ 130
Environmental Engineer	\$ 145
Assistant Project Manager	\$ 105
Scheduler	\$ 165
Cost Estimator	\$ 165

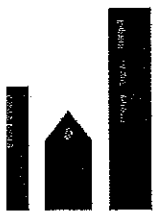
Co-Gen Facility

Our total estimated fee for the services for **Bay State's co-gen** facility is \$ 150,000 and is based on construction completion in December 2017. Our services and assumptions are below.

Our approach is to first read and become familiar with the project. This *Initial Due Diligence* we will do for a fixed fee of \$ 39,000 which would include:

- Review the contracts, plans and specifications
- Review permitting and environmental documents, permit conditions, etc.
- Review requirements of funding sources
- Review the operative schedule
- Review the construction cost breakdown/schedule of values
- Review current progress and compliance

We expect this effort to last three weeks and require the involvement of the entire project team – Project Manager, Mechanical, Electrical, Environmental Engineers. We would produce a brief report and outline any concerns or issues.



INCK & CO
3 Magazine Street
Boston, MA 02119
11 Industry Avenue
Springfield, MA 01104
T 617.445.3555
F 617.445.3511
pinck-co.com

For the duration of the assignment we propose to:

- Attend the weekly job meeting (18 hrs./mos.)
- Prepare and issue a bi weekly report (8 hrs./mos.)
- Review pay requests monthly and coordinate draws from City funds (2 hrs./mos.)
- Review change orders as needed (2 hrs./mos.)
- Verify compliance with funding requirements (wage rates, etc.) (6 hrs./mos.)
- Conduct site visits to monitor progress and quality (16 hrs./mos.)

(Hours are approximate)

Our estimated hours for these tasks is ~ 13 per week, on average and includes site visits by the mechanical and electrical engineer on average every other week.

We realize that our estimated fee is a significant portion of the total amount the City has budgeted. We would therefore recommend that, should we be selected, the City provide us with a limited scope agreement for just the *Initial Due Diligence*. Once that has been completed and we are familiar with the project and your expectations we will then have sufficient information to adjust any incorrect or mistaken assumptions in our estimate.

We will bill hourly under any circumstances and expect to work under an estimated not to exceed fee

Hydro Power Facility

For the **Hydro Power** project our billing rates are the same as above. We assume the tradition Owner's Project Management scope of services would be required to oversee the general sequence of events below.

- Designer Selection
- Schematic Design
- SD Design Review
- SD Cost Estimate
- Design Development
- DD Plan review
- Independent Peer Review
- Permitting
- Construction Documents
- 90% Cost Estimate & Reconciliation
- Bid & Award



- Construction
- Owner furnished equipment
- Start Up & Testing
- Close Out

During the project, in addition to managing the items above, we will develop and update a master budget and schedule, perform all contract administration duties, provide reports as requested, and coordinate with City departments.

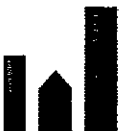
Traditionally the OPM level of effort for a project of this type we would average 32 billable hours per week during pre-construction. This includes team assembly, plan reviews, permitting coordination, peer reviews, etc. For construction 56 billable hours per week is the average assuming a full time on-site project representative. A logical duration would be one year for pre-construction, three months for bid and award, and a year for construction. Fit out, start up and testing, and close out are part of the construction duration but are an additional 12 hours per week on average for approximately three months.

However, we cannot offer an accurate estimated fee as we do not have sufficient information to develop an approach. There are important variables (size of plant, condition of dam, nature of existing vs proposed permits and approvals, connection to grid, assumptions and decisions made to date) which will impact the schedule and the scope and therefore the fee.

We can offer a fixed fee to do a critical initial assessment for \$ 20,000 if selected. That analysis would include:

- Read and review reports on the status and condition of the dam
- Review current permit and permit conditions including Army Corps of Engineers, Conservation Commission, MEPA, etc.
- Review any existing feasibility studies, conceptual engineering plans, cost estimates or budget, funding requirements, schedules, the presumed output, conceptual connection to the grid, construction logistics, sequencing, preferred equipment
- Develop a plan of action for the rest of the year and a budget.

John B. Povich





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
1/17/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Eastern Insurance Group LLC 233 West Central St Natick MA 01760	CONTACT NAME: Select Department
	PHONE (A/C No. Ext): (800) 333-7234 X66807 FAX (A/C No): 781-586-8244 E-MAIL ADDRESS: selectwork@easterninsurance.com
INSURED Pinck & Co., Inc. 98 Magazine Street Boston MA 02119	INSURER(S) AFFORDING COVERAGE
	INSURER A: Transportation Insurance Co NAIC # 20494
	INSURER B: CNA NAIC # 20478
	INSURER C: Continental Casualty Company NAIC # 20443
	INSURER D: New Hampshire Insurance Co.
	INSURER E: INSURER F:

COVERAGES CERTIFICATE NUMBER Master 16-17 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	X	Y	4018092555	3/25/2016	3/25/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/>						
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS			6020021937	3/25/2016	3/25/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			4018094452	3/25/2016	3/25/2017	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	4018094161	3/25/2016	3/25/2017	<input checked="" type="checkbox"/> WC STATUTORY LIMITS OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	PROFESSIONAL LIABILITY			06498901101	4/7/2016	3/25/2017	AGGREGATE/DEDUCTIBLE \$2 MIL/\$25K
A	POLLUTION LIABILITY			4018092555	3/25/2016	3/25/2017	EACH/AGGREGATE \$1 MIL/\$2 MIL

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
ENGINEERS/ARCHITECTS

MANAGEMENT CONSULTING SERVICES

PROJECT: BAYSTATE CO-GEN PROJECT AND HYDROPOWER AT WATERSHOPS DAM

The City of Springfield is included as additional insured for the General Liability Policy where required by written contract or agreement. Waiver of subrogation applies to the General Liability Policy where required by written contract or agreement.

CERTIFICATE HOLDER

CANCELLATION

The City of Springfield
36 Court Street, Room 307
Springfield, MA 01103

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

John Koegel/BAMANK

Bill To
 COMMUNITY DEVELOPMENT
 1600 EAST COLUMBUS AVE
 SPRINGFIELD, MA
 01103

Requisition 17012967-00 FY 2017

Acct No:
 26451811-530105-64516
 Review:
 Buyer: lpl
 Status: Released

Vendor
 PINCK & CO INC
 98 MAGAZINE STREET
 BOSTON, MA 02118
 USA
 Tel#617-445-3555

Ship To
 DISASTER RECOVERY 4TH FLOOR
 36 COURT STREET
 ROOM 405/411
 SPRINGFIELD, MA
 MLYNCH@SPRINGFIELD CITYHALL.COM

Date Ordered	Vendor Number	Date Required	Ship Via	Terms	Department
04/25/17	016418				COMMUNITY DEVELOPMENT

LN	Description / Account	Qty	Unit Price	Net Price
001	General Notes CONTRACT#20170492 CDBG-NDR CONSULTING SERVICES FOR BAYSTATE CO-GEN AND WATERSHOPS DAM HYDROPOWER PROJECTS.	1.00 EACH	150000.00000	150000.00
1	26451811-530105-64516		150000.00	

Ship To
 DISASTER RECOVERY 4TH FLOOR
 36 COURT STREET
 ROOM 405/411
 SPRINGFIELD, MA

[Requisition Link](#)

Requisition Total 150000.00

***** General Ledger Summary Section *****

Account	Amount	Remaining Budget
26451811-530105-64516	150000.00	4903400.00
CDBG-NDR-CLEAN & REDUNDENT ENR PROFESSIONAL SERVICES		

***** Approval/Conversion Info *****

Activity	Date	Clerk	Comment
Queued	04/25/17	Cathy Buono	
Pending		Melanie Acobe	
Pending		Christopher Fraser	
Pending		Jennifer Whisher	

Bill To
 COMMUNITY DEVELOPMENT
 1600 EAST COLUMBUS AVE
 SPRINGFIELD, MA
 01103

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