

NORTH READING PUBLIC SCHOOLS

"Pursuit of Excellence"

Dr. Patrick C. Daly
Superintendent of Schools

189 Park Street
North Reading, MA 01864
Telephone: 978-664-7810
www.north-reading.k12.ma.us

Cynthia M. Conant
Director of Student Services

Michael A. Connelly
Assistant Superintendent of Finance and Operations

January 10, 2020

Martinage Engineering Associates, Inc.
Mr. Don Martinage
131 Main Street, Third Floor
Reading, MA 01867-3966

Dear Mr. Don Martinage,

I am pleased to inform you that Martinage Engineering Associates, Inc. is once again being awarded the contract for professional engineer, compliance monitoring and operational consulting services on the Middle School and High School Wastewater Treatment Facility.

Enclosed is a copy of the contract agreement. Please review and submit a signed copy to my attention.

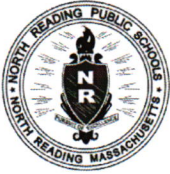
If you have any questions or would like additional information you may continue to contact me at 978-664-7810 ext. 5270. I will be the contact person for any billing and contractual related questions for the duration of the contract. The Supervisor of Building and Grounds, Wayne Hardacker will continue to be the main contact person regarding the operations of the project. Wayne can be reached at 978-664-7810 ext. 5253. We have been very pleased to date with your services and we are very much looking forward to continuing our working relationship with you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael A. Connelly', with a long horizontal flourish extending to the right.

Michael A. Connelly
Assistant Superintendent of Finance and Operations
North Reading Public Schools

Cc. Wayne Hardacker, Supervisor of Building and Grounds
Dr. Patrick D. Daly, Superintendent of Schools



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Sincerely,

Michael A. Connelly
Assistant Superintendent of Finance and Operations
North Reading Public Schools

Cc. Wayne Hardacker, Supervisor of Building and Grounds
Dr. Patrick D. Daly, Superintendent of Schools

NORTH READING SCHOOL DISTRICT AGREEMENT

THIS AGREEMENT made this ____ day of January by and between the North Reading Public Schools, duly organized under the laws of Massachusetts and having a usual place of business at 189 Park Street, North Reading, Massachusetts, hereinafter referred to as the “District”, and Martinage Engineering Associates, a Massachusetts corporation having a usual place of business at 131 Main Street, Reading, MA 01867, hereinafter referred to as the “Contractor”.

WITNESSETH:

Whereas, the District invited the submission of proposals for Professional Engineer, Compliance Monitoring & Operational Consulting Services hereinafter “the Project”; and

WHEREAS, the Contractor submitted a proposal to provide the services required, and the District has decided to award the contract therefor to the Contractor.

NOW, THEREFORE, the District and the Contractor agree as follows:

1. Contract Documents. The Contract Documents consist of this Agreement are the following: the Request for Proposals due January 10, 2020, and the Contractor’s Non Pricing and Pricing Proposal. The Contract Documents constitute the entire Agreement between the parties concerning the work, and all are as fully a part of this Agreement as if attached hereto.
2. The Work. The Work consists of providing professional engineer, compliance monitoring and operational consulting services on the North Reading Middle and High School Wastewater Treatment Facility.
3. Term of Contract. This Agreement shall be in effect from July 1, 2020 and shall expire on June 30, 2023 unless terminated earlier pursuant to the terms hereof. There will be an option for the District to renew the agreement for up to two years. The option to renew is solely at the Districts discretion.
4. Compensation. The District shall pay the prices specified in the attached proposal for items and/or services furnished and delivered in carrying out this Agreement.
5. Payment of Compensation. The District shall make payments within thirty (30) days after its receipt of an invoice.
6. Liability of the District. The District’s liability hereunder shall be to make all payments when they shall become due, and the District shall be under no further obligation or liability. Nothing in this Agreement shall be construed to render the

NORTH READING SCHOOL DISTRICT AGREEMENT

District or any elected or appointed official or employee of the District, or their successors in office, personally liable for any obligation under this Agreement.

7. Independent Contractor. The Contractor acknowledges and agrees that it is acting as an independent contractor for all work and services rendered pursuant to this Agreement, and shall not be considered an employee or agent of the District for any purpose.
8. Indemnification. The Contractor shall indemnify, defend, and hold the District harmless from and against any and all claims, demands, liabilities, actions, causes of actions, costs and expenses, including attorney's fees, arising out of the Contractor's breach of this Agreement or the negligence or misconduct of the Contractor, or the Contractor's agents or employees.
9. Insurance. A. The Contractor shall obtain and maintain during the term of this Agreement the insurance coverage in companies licensed to do business in the Commonwealth of Massachusetts, and acceptable to the District, as set out in the Request for Proposals or in Attachment A of this Agreement.

B. All policies shall identify the District as an additional insured (except Workers' Compensation) and shall provide that the District shall receive written notification at least 30 days prior to the effective date of any amendment or cancellation. Certificates evidencing all such coverage's shall be provided to the District upon the execution of this Agreement. Each such certificate shall specifically refer to this Agreement and shall state that such insurance is as required by this Agreement. Failure to provide or to continue in force such insurance shall be deemed a material breach of this Agreement and shall be grounds for immediate termination.
10. Assignment. The Contractor shall not assign, sublet or otherwise transfer this Agreement, in whole or in part, without the prior written consent of the District, and shall not assign any of the moneys payable under this Agreement, except by and with the written consent of the District.
11. Termination. A. Termination for Cause. If at any time during the term of this Agreement the District determines that the Contractor has breached the terms of this Agreement by negligently or incompetently performing the work, or any part thereof, or by failing to perform the work in a timely fashion, or by failing to perform the work to the satisfaction of the District, or by not complying with the direction of the District or its agents, or by otherwise failing to perform this Agreement in accordance with all of its terms and provisions, the District shall notify the Contractor in writing stating therein the nature of the alleged breach and directing the Contractor to cure such breach within ten (10) days. The Contractor specifically agrees that it shall indemnify and hold the District harmless from any loss, damage, cost, charge,

NORTH READING SCHOOL DISTRICT AGREEMENT

expense or claim arising out of our resulting from such breach regardless of its knowledge or authorization of the actions resulting in the breach. If the Contractor fails to cure said breach within ten (10) days, the District may, at its election at any time after the expiration of said ten (10) days, terminate this Agreement by giving written notice thereof to the Contractor specifying the effective date of the termination. Upon receipt of said notice, the Contractor shall cease to incur additional expenses in connection with this Agreement. Upon the date specified in said notice, this Agreement shall terminate. Such termination shall not prejudice or waive any rights or action which the District may have against the Contractor up to the date of such termination, and the Contractor shall be liable to the District for any amount which it may be required to pay in excess of the compensation provided herein in order to complete the work specified herein in a timely manner. Upon such termination, the Contractor shall be entitled to compensation for all satisfactory work completed prior to the termination date, as determined by the District.

12. Inspection and Reports. The District shall have the right at any time to inspect the work of the Contractor, including the right to enter upon any property owned or occupied by Contractor, whether situated within or beyond the limits of the District. Whenever requested, Contractor shall immediately furnish to the District full and complete written reports of his operation under this Contract in such detail and with such information as the District may request.
13. Successor and Assigns. This Agreement is binding upon the parties hereto, their successors, assigns and legal representatives. Neither the District nor the Contractor shall assign or transfer any interest in the Agreement without the written consent of the other.
14. Compliance with Laws. The Contractor shall comply with all Federal, State and local laws, rules, regulations and orders applicable to the work provided pursuant to this Agreement, including Federal I-9 regulations, such provisions being incorporated herein by reference, and shall be responsible for obtaining all necessary licenses, permits, and approvals required for the performance of such work.
15. Notice. Any and all notices, or other communications required or permitted under this Agreement, shall be in writing and delivered by hand or mailed postage prepaid, return receipt requested, by registered or certified mail or by other reputable delivery service, to the parties at the addresses set forth on Page 1 or furnished from time to time in writing hereafter by one party to the other party. Any such notice or correspondence shall be deemed given when so delivered by hand, if so mailed, when deposited with the U.S. Postal Service or, if sent by private overnight or other delivery service, when deposited with such delivery service.

**NORTH READING SCHOOL DISTRICT
AGREEMENT**

16. Severability. If any term or condition of this Agreement or any application thereof shall to any extent be held invalid, illegal or unenforceable by the court of competent jurisdiction, the validity, legality, and enforceability of the remaining terms and conditions of this Agreement shall not be deemed affected thereby unless one or both parties would be substantially or materially prejudiced.
17. Governing Law. This Agreement shall be governed by, construed and enforced in accordance with the laws of the Commonwealth of Massachusetts and the Contractor submits to the jurisdiction of any of its appropriate courts for the adjudication of disputes arising out of this Agreement.
18. Entire Agreement. This Agreement, including all documents incorporated herein by reference, constitutes the entire integrated agreement between the parties with respect to the matters described. This Agreement supersedes all prior agreements, negotiations and representations, either written or oral, and it shall not be modified or amended except by a written document executed by the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on this day and year first above written.

NORTH READING
SCHOOL DISTRICT

CONTRACTOR



By: _____
North Reading School District

Martinage Engineering Associates, Inc.

By: _____

Name: _____
(Type or Print)

Title: _____



*Civil - Environmental Engineers
& Land Surveyors*

January 8, 2020

Mr. Michael Connelly, Director of Finance
North Reading Public School Finance Office
189 Park Street
North Reading, MA 01864

MARTINAGE ENGINEERING ASSOCIATES, INC.

131 Main Street, Third Floor
Reading, MA 01867-3966

Tel: 781 944-4808
Fax: 781 944-9676
email: mea@martinageengineering.com

**RE: Request for Price Proposal 20-01
Professional Engineer-Compliance
Monitoring and Operational Consulting Services
North Reading Middle/High School Wastewater Treatment Plant
189 Park Street
North Reading, MA 01864**

Dear Mr. Connelly:

This correspondence is in regard to your request for a proposal relative for engineering services for the on-site Wastewater Treatment Plant (WWTP) at North Reading Middle/High School.

Martinage Engineering Associates, Inc. is pleased to submit a proposal to provide the necessary engineering services, for treatment plant inspections and compliance monitoring, as required by your DEP Groundwater Discharge Permit No. 931-1, and to furnish data on plant operations and efficiency.

Enclosed please find the completed Price Proposal with the associated budget for July 1, 2020 through June 30, 2023, to perform the outlined services.

We thank you for the opportunity to submit this proposal and look forward to working with you in the future. If you have any questions, please feel free to contact our office.

Sincerely yours,

MARTINAGE ENGINEERING ASSOCIATES, INC.

Donald E. Martinage, P.E., R.L.S.
President

Enclosures:

MEA 2020 Standard Fee Schedule
Completed Price Proposal Form
Completed Level of Effort Detail


PRICE PROPOSAL FORM
(Submit in Separate Envelope)

The first full year of service including sampling and analysis shall commence July 1, 2020. The contract shall be renewed thereafter, on an annual basis or a new contract with another qualified engineer shall be submitted to DEP for approval.

The Price Proposal shall include all labor, materials, equipment, insurance, postage, printing, travel and all other necessary expenses to fulfill the requirements of this contract within the required time. Price Proposals will not be opened and disclosed until after the evaluation of the Non-Price Proposals.

The undersigned proposes to furnish Request for Proposal for Compliance Monitoring and Professional Engineer Operational Consulting Services, to meet the Specifications as set forth in the document entitled, "Request for Proposal" dated December 4, 2019 20-01 for the North Reading Middle & High School Wastewater Treatment Plant for the following Contract Price:

Year July 1, 2020 through June 30, 2021	\$ 42,924.00
a. Municipal Services	\$ 0.0
Year July 1, 2021 through June 30, 2022	\$ 44,212.00
b. Municipal Services	\$ 500.00
Year July 1, 2022 through June 30, 2023	\$ 45,538.00
c. Municipal Services	\$ 500.00
Combined Total Price	\$133,674.00

SIGNATURE 

NAME Donald E. Martinage, P.E.

COMPANY Martinage Engineering Associates, Inc.

ADDRESS 131 Main Street, Third Floor, Reading, MA 01867

Telephone/Fax 781.944.4808 / 781.944.9676

PRICE PROPOSAL

1. ***Complete and submit required form. See enclosed form.***
 2. ***Detailed Backup of level of effort for each identified tasks required in the performance of this project;***
 - a) ***Amount of hours***
 - b) ***Proposed personnel***
- I. The compliance monitoring as per the DEP Groundwater Discharge Permit requires installation of two (2) Composite Samples, Influent/Effluent. Man hours associated with this effort include the following:
- A. Automatic composite sampler preparation to include decontamination of the sampler, composite container, suction lines, tubing, strainers and fittings.
 - B. Installation of pre-iced sampling devise and initiate sample program at sample location.
 - C. Post composite event, breakdown of automatic sampler, transfer of appropriate sample collected to pre labeled and chemically preserved individual sample containers, secure samples in iced cooler, prepare Chain of Custody forms prior to delivery to the state certified testing laboratory.
 - D. Removal of automatic sampler from dedicated sampling point, complete a pre rinse of sampling device.
 - E. Portal to portal travel time:
Estimated man hours to complete these are 84 hours, annually, personnel will be Bernard DeFelice, Compliance Manager/Operations Specialist.
- II. The compliance monitoring event as per the DEP Groundwater Discharge Permit requires sample collection from the four (4) Groundwater Monitoring Wells at the site. The man hours and tasks associated with this effort include the following:
- A. Equipment, sampling devices, pumps, tubing etc., will be decontaminated prior to each use.
 - B. Prior to sample collection, the Static Water Level will be measured utilizing electronic probe with measurement to 0.01 foot accuracy.
 - C. Each monitoring well will be purged of 3-5 standing volumes of water as per EPA protocol prior to sample collection.

- D. Samples will be collected in pre labeled and preserved containers as required and secured in a pre iced cooler. (Dedicated tubing will be used for each well).
 - E. On site pH and specific Conductance will be conducted by MEA personnel, MEA is a state certified testing laboratory, #M-MA129 for onsite testing as required by the DEP Permit.
 - F. A field report summary will be completed with general site information and related sampling data.
 - G. A Chain of Custody Transfer Record will be filled out on site prior to delivery of other samples to state certified laboratory.
 - H. Lock and secure monitoring well casings.
 - I. Portal to portal travel time:
 - Estimated man hours to complete these are 48 hours, annually, personnel will be John E. Martinage, E.I.T., Project Engineer and Joseph DeGuglielmo.
- III. Wastewater treatment facility inspection, including observations, monitoring and field testing as per Part B Monthly and Part D quarterly in Appendix E of the bid proposal.
- The manpower requirements associated with these tasks are as follows:
- A. Portal to portal travel to site.
 - B. Engineering inspections, process monitoring, observations, testing and operator review.
 - C. Chain of Custody transfer and laboratory delivery.
 - D. Report submittal to various agencies, owner and DEP.
 - E. Estimated manpower to complete these tasks is 84 hours; personnel will be Bernard F. DeFelice, Compliance Manager/Operations Specialist.
- IV. In Appendix E, Item F requires an annual "complete review of operations, housekeeping, process equipment audit, tankage audit, facilities and ancillary systems with report submittal".
- The manpower requirements to complete this task is approximately 3 hours, personnel will be Bernard F. DeFelice, Compliance Manager/Operations Specialist



*Civil-Environmental Engineers
& Land Surveyors*

MARTINAGE ENGINEERING ASSOCIATES, INC.

2020 Standard Fee Schedule

Costs for all work performed by our firm on projects of normal difficulty and risk will be based on the following standard fee schedule:

Principal Engineer/Surveyor	\$250.00/hour
Project Engineer/Surveyor	\$170.00/hour
Wastewater Operations Manager	\$190.00/hour
Jr. Project Engineer/Surveyor	\$155.00/hour
2 - Man Survey Crew	\$270.00/hour
Plotting Charges:	
Bond	\$ 11.00 each
Mylar	\$ 27.00 each
Vellum	\$ 16.00 each
Color Plots	Above Charges + 50%
Blueprints	\$1.60/s.f.
Mileage	\$ 0.60/mile
Other Reimbursable Expenses:	
Including Mail, Express Mail, Federal Exp, outside Reprographics field supplies, etc.	Actual Cost + 15%

Please note that billing hours include travel time from our office in Reading to and from the site. Field survey crews are billed on a half day (4 hours) or full day (8 hours) basis only. Office staff and equipment are billed in one hour increments.

Also, there will be no mileage charge within a 40-mile radius.



*Civil-Environmental Engineers
& Land Surveyors*

**WASTEWATER TREATMENT PLANT DESIGN AND
OPERATIONS**

**NORTH READING HIGH/MIDDLE SCHOOL
RFP # 20-01**

QUALIFICATIONS/EXPERIENCE SUMMARY

Martinage Engineering Associates, Inc.
131 Main Street, Third Floor
Reading, MA 01867
TEL: 781-944-4808 - FAX: 781-944-9676
email: d.martinage@martinageengineering.com





*Civil - Environmental Engineers
& Land Surveyors*

MARTINAGE ENGINEERING ASSOCIATES, INC.

131 Main Street, Third Floor
Reading, MA 01867-3966

Tel: 781 944-4808
Fax: 781 944-9676
email: mea@martinageengineering.com

January 8, 2020

Mr. Michael Connelly, Director of Finance
North Reading Public Schools – Finance Office
189 Park Street
North Reading, MA 01864

**RE: Request for Proposal Technical Submittal 20-01
Professional Engineer-Compliance
Monitoring and Operational Consulting Services
North Reading Middle/High School Wastewater Treatment Plant
189 Park Street
North Reading, MA 01864**

Dear Mr. Connelly:

This correspondence is in regard to your request for a proposal relative to engineering services for the on-site wastewater treatment plant (WWTP) at North Reading Middle/High School.

Martinage Engineering Associates, Inc. is pleased to submit a proposal to provide the necessary engineering services, for treatment plant inspections and compliance monitoring, as required by your DEP Groundwater Discharge Permit No. 931-1, and to furnish data on plant operations and efficiency.

Enclosed please find our completed technical Submittal 20-01 with reply related to all technical requirements. Including the following:

- Qualification answers;
- Resumes of key personnel assigned to this project;
- Professional Liability Insurance;
- Certificate of Non Collusion;
- Tax Compliance Certification
- Secretary of Corporation Vote; and
- Copy of Addendum #1.

We thank you for the opportunity to submit this proposal and look forward to working with you in the future. If you have any questions, please feel free to contact our office.

Sincerely yours,

MARTINAGE ENGINEERING ASSOCIATES, INC.

Donald E. Martinage, P.E., R.L.S.
President

Enclosures

TECHNICAL PROPOSAL INDEX

1. Project Title:

Monitoring and Operational Consulting Services
North Reading Middle/High School Wastewater Treatment Plant

2. Name of Firm:

Martinage Engineering Associates, Inc.
131 Main Street, Third Floor
Reading, MA 01867

3. Principal to Contact

Donald E. Martinage, P. E., President
781-944-4808

4. Key Persons:

See Items #5 under Qualifications

5. Resumes:

See attached

6. Key tasks will be completed as noted and outlined in Appendix E of the RFP:

Bernard F. DeFelice, Compliance Manager
John E. Martinage, Assistant Compliance Manager
Donald E. Martinage, P.E., Principal in Charge
Glenn D. Sprague, Project Engineer
Joseph DeGuglielmo, Compliance Assistant

7. See #1 under Qualifications

8. See #8 under Qualifications

9. Professional Liability Insurance

See attached

10. Non Collusion

See attached

11. Tax Compliance

See attached

12. Corporate Vote

See attached

13. Billing will be monthly and payment is net 30 days.

QUALIFICATIONS

Martinage Engineering Associates, Inc. (MEA) was founded in 1991 with one company philosophy in mind, provide consistently superior service to our clients. Over the years we have expanded both our capabilities and our team to address the ever-changing complexities and challenges of projects in both the public and private sections. Our office is located at 131 Main Street, Reading, MA 01867, approximately five miles from the site.

1. Relevant project experience and knowledge of small publicly owned wastewater treatment with groundwater disposal systems similar to the North Reading Middle and High School WWTF.

NAME	TYPE	FLOW	CITY
Gordon Conwell Theological Seminary	S&L FAST w/Denitrification	58,000	Hamilton, MA
Masconomet Regional High School	RBC	37,548	Boxford, MA
Sutton Middle & High School and two Elementary Schools (includes recycle of water for toilet flushing)	MBR Technology	10,800	Sutton, MA
Lynnfield High and Middle Schools	S&L FAST w/Denitrification	12,980 15,210	Lynnfield, MA
Pembroke High School	RBC w/Denitrification	20,720	Pembroke, MA
Silver Lake Regional High School	RBC w/Denitrification	30,000	Pembroke, MA
Triton Regional High School	S&L FAST w/Denitrification	15,000	Byfield, MA
Wayland High School	MBR Technology with Reverse Osmosis	16,500	Wayland, MA
Hamilton/Wenham	Amphidrome Upgrade		Hamilton, MA
Dover Sherborn School District	Bioclere Upgrade	15,260	Dover, MA
Hingham Middle School	MBBR Upgrade (modified Title V alternate technology)	6,395	Hingham, MA

NAME	TYPE	FLOW	CITY
Marshfield High School	Membrane Filtrations	30,000	Marshfield, MA
East Bridgewater High School	Aerobic/Anoxic Membrane filtration upgrade	30,000	East Bridgewater, MA
North Reading Middle/High School	Aerobic/Anoxic Membrane filtration upgrade	17,500	North Reading, MA
Whittier Regional Vocational Technical High School	Anoxic MBBR upgrade	22,000	Haverhill, MA
Paddock Place Apartments	Aerobic/Anoxic Membrane Filtration	39,000	Boxborough, MA
Yarmouth Place Apartments	Aerobic/Anoxic WWTP Filtration	14,000	Yarmouth, MA
Plymouth South High School	Aerobic/Anoxic Membrane Filtration	30,000	Plymouth, MA
Pine Brook Country Club	Aerobic/Anoxic Filtration	16,000	Weston, MA

2. Demonstrated knowledge of and experience in the design, construction, permitting, startup, testing, and operation and maintenance for wastewater treatment facilities.

See above for complete list. The following engineer design and construction start ups were completed during the last seven years:

NAME	YEAR
East Bridgewater High/Middle School	2013
Whittier Regional Technical Vocational High School	2013
Hingham Middle School	2013
Marshfield High School	2013
North Reading High/Middle School	2014
Paddock Place	2018
Plymouth South High School	2018
Yarmouth Place	2019
Boxborough	2019
Pine Brook Country Club (under construction)	2019

3. Demonstrated experience with groundwater disposal practices and permitting.

WWTP's that MEA operate as well as provide total Groundwater Discharge Permit Compliance and renewal applications:

- Gordon Conwell Theological Seminary
- Lynnfield High School
- Lynnfield Middle School
- Wilmington Realty Trust

MEA conducts monthly, quarterly and annual compliance monitoring on the following systems:

CLIENT	CONTACT	PHONE NUMBER	TYPE	YEARS
Gordon Conwell Theological Seminary 130 Essex Street S. Hamilton, MA 01982	Mr. Tim Ingraham	978-646-4365	FAST DENITRIFICATION	41
Littleton High School P. O. Box 2406 Littleton, MA 01460	Mr. Scott Edwards	978-540-2222	FAST DENITRIFICATION	16
Lynnfield Middle & High Schools Main Street Lynnfield, MA 01940	Mr. Charles Richter	781-334-9503	FAST DENITRIFICATION	17
Masconomet Regional High School 20 Endicott Road Topsfield, MA 01983	Mr. Doug Batchelder	978-887-2323 Ext. 6123	RBC	18
North Reading High & Middle Schools 191 Park Street North Reading, MA	Mr. Jon Bernard	978-664-7810 Ext. 5250	Aerobic/Anoxic Membrane Filtration	5
Triton Regional High School Elm Street Byfield, MA 01922	Mr. Chris Walsh	978-465-2397 Ext. 5307	FAST DENITRIFICATION	40

CLIENT	CONTACT	PHONE NUMBER	TYPE	YEARS
Whittier Regional Technical High 115 Amesbury Line Road Haverhill, MA 01830	Mr. Robert Hardy	978-373-4101 Ext. 272	Secondary Treatment with Anoxic MBBR Denitrification	6

4. Demonstrated experience in the interaction and coordination with contract operation and maintenance firms.

Gordon Conwell Theological Seminary	MEA
Littleton High School	JPK Services
Lynnfield High and Middle Schools	MEA
Masconomet Regional High School	Waste Water Environmental Management, Inc.
Triton Regional High School	Mr. Frank Gay
Whittier Regional Technical High School	Whittier Maintenance Staff
Ipswich Country Club	Weston & Sampson
North Reading High/Middle Schools	Weston & Sampson

5. Personnel with specific expertise in process, electrical and civil engineering specialties.

MEA offers many years experience in compliance monitoring and engineering inspections of Wastewater Treatment Plants (WWTP) within the State of Massachusetts. Our staff is knowledgeable of many different types of Waste Treatment Processes. We also have an excellent relationship with the staff engineers of the MA Department of Environment Protection (DEP).

STAFFING:

TITLE	NAME	EXPERIENCE
Principal In Charge	Donald E. Martinage, P.E. M.S. in Sanitary Engineering Grade III	66 yrs

	Engineering Grade III MA P.E. Lic. #20330	
Compliance Engineer	Bernard F. DeFelice	41 yrs
Staff Engineer	Glenn D. Sprague	37 yrs
Staff Engineer	John E. Martinage	29 yrs

6. *Demonstrated experience with design and integration of Supervisory Control and Data Acquisition (SCADA) systems.*

East Bridgewater High/Middle School
Wayland High School
Marshfield High School
North Reading High & Middle Schools
Plymouth South High School
Paddock Place, Boxborough

7. *Demonstrated ability to assess the operation and condition of process and mechanical systems.*

Mr. Donald Martinage has over 51 years experience related to operations, trouble shooting process and mechanical assessment.

Mr. DeFelice, compliance Manager has over 41 years of experience in operations, assessment, trouble shooting process and mechanical issues.

8. *References of similar projects by MEA.*

Colonial Drive Condominiums Andover, MA	Ms. Linda Marquis 978-475-3073
Gordon Conwell Theological Seminary, Hamilton, MA	Mr. Timothy Ingraham 978-836-6793
Lynnfield Middle/High Schools Lynnfield, MA	Mr. Charles Richter 781-334-9503
Masconomet Regional High School	Mr. Doug Batchelder 978-887-2323 X 20015

Demonstrated ability to interact with regulatory agencies.

MEA has provided monthly, quarterly and annual inspections requiring Discharge Monitoring Reports being sent to employees of the Northeast, Central, and Southeast Region of MA DEP for more than 30 years.

MEA's working relations with DEP staff for advice, coordination and approval is excellent.

DONALD E. MARTINAGE

POSITION Martinage Engineering Associates, Inc.
Principal In Charge, Project Manager

EDUCATION Northeastern University (1953-1958)
Bachelor of Science in Civil Engineering
Northeastern University (1958-1962)
Master of Science in Civil/Sanitary Engineering
Continuing Education Courses in land surveying,
and loss control.

REGISTRATIONS Professional Engineer (Civil/Sanitary)
Massachusetts - 1965 - #20330
New Hampshire - 1969 - #2227 (Retired)
Maine - 1972 - #2797 (Retired)
Vermont - 1973 - #3141
New York - 1974 - #50774
Connecticut - 1975 - #9935
Rhode Island - 1976 - #3715

Wastewater Treatment Plant Operator (GIII)
Massachusetts - 1972 - #414 (Retired)

PROFESSIONAL AFFILIATIONS American Society of Civil Engineers - Member
National Society of Professional Engineers - Member
Massachusetts Association of Land Surveyors &
Civil Engineers - Member
New Hampshire Land Surveyors Association - Member
Water Pollution Control Federation - Member
Granite State Designers Association - Member

PROFESSIONAL HISTORY

1991 - Present President and Principal of Martinage Engineering Associates, Inc., Reading, MA. In responsible charge with hands on experience in all facets of surveying and engineering projects including scheduling, budget, quality control, field and office supervision. In responsible charge of all projects including many state-of-the-art waste treatment facilities in Massachusetts. More than sixteen new or major upgrade designs of Wastewater Treatment Plants (WWTP) have been completed by Mr. Martinage. Specializing in trouble shooting existing treatment plant compliance as well as providing peer review of WWTP for financial institutions for new projects.

BERNARD F. DEFELICE

POSITION

Laboratory Director/WTTP Compliance Manager/Coordinator

QUALIFICATIONS SUMMARY

Mr. DeFelice is Laboratory Director and Operations Specialist and Compliance Manager for Martinage Engineering Associates Inc. His 36 years of experience includes all aspects of water and wastewater treatment and analysis, treatment plant trouble shooting, approved EPA Protocol sampling and testing methodologies. Mr. DeFelice has had extensive experience in the area of wastewater facility process design, startup, operation, operator training and compliance monitoring. Also, he specializes in providing operator support for compliance to permit parameters as well as diagnostic analysis of micro-organism and treatment plant issues. He has been involved with hazardous waste investigations relative to applicable laws of the Commonwealth of Massachusetts and the U.S. Government EPA regarding the existence and identification of hazardous wastes.

EDUCATION

1973-1978

Northeastern University: Biology Major, BS Program

1986

New England Regional Wastewater Institute - Advanced studies in microbiological control of activated sludge systems, N.E.R.W.I.

1988

New England Regional Wastewater Institute - Advanced studies in identification of filamentous organisms and operations control, N.E.R.W.I.

PROFESSIONAL HISTORY

1991-Present

Martinage Engineering Associates, Inc.

Mr. DeFelice is responsible for the Massachusetts certified laboratory operations, inspections, protocol sampling and compliance monitoring programs for 16 wastewater treatment facilities in conformance to state regulations and standards for discharge permit requirements, groundwater monitoring in environmental impact studies, hazardous waste identification and monitoring program development for water, wastewater and soils.

In addition, he is responsible for the environmental projects relative to federal and state discharge standards as well as a wide variety of related projects involving private industry in Massachusetts.

GLENN D. SPRAGUE

POSITION

Project Engineer/Surveyor

EDUCATION

Northeastern University (1977 - 1982)
Bachelor of Science in Civil Engineering

PROFESSIONAL HISTORY

1991 - Present

Project Engineer/Surveyor

Project Engineer with Martinage Engineering Associates, Inc. Experience includes design responsibility for major waste treatment projects in Massachusetts, including first treatment facility providing water reuse for a public school facility. Expertise in soil evaluation, testing and construction inspection.

Project engineer/surveyor experienced in topographical, property line, construction layout and as-built surveys. Construction inspection and supervision of roadway construction including utilities, pavement, base preparation, payment requests, as well as, residential and commercial subsurface sewage disposal system.

Typical Wastewater Treatment projects include:

-Maplebrook Apartments, Bellingham, MA.
WWTP modifications in 2009 to provide long term ability to remain in compliance. Design included evaluation of wastewater characteristics and design of new clearwell with high rate polishing filter as well as UV Disinfection modification. Design 17,500 gpd

-Hamilton-Wenham High School, Hamilton, MA. In 2009 we performed major modifications to existing Amphidrome Batch type treatment system. Services included evaluation of deficiencies and design of new Flow Equalization and Post Flow Equalization to convert the batch process to a flow through system to match daily school flows.

-Wayland High School, Wayland MA. Design of a secondary activated sludge process with Membrane filtration as well as Reverse Osmosis due to existing school site location within a DEP Zone II nitrogen sensitive area. Design flow was 17,500 gpd.

-Marshfield High School, Marshfield MA. In 2012, WWTP modifications to the existing RBC with new Zone II strict discharge limits. Engineering included new Membrane Filtration with accessory tankage as well as relocated final leach field.

-East Bridgewater High School, East Bridgewater, MA. New WWTP for 30,000 gpd design flow. Preparation of permit level and construction level drawings and specifications for a new secondary treatment with Membrane Filtration as well as design of completely new final leach area.

-North Reading High/Middle School, North Reading, MA WWTP design including Membrane Filter technology in addition to secondary treatment to meet DEP discharge standards. Engineering included the design of final leach area.

JOHN E. MARTINAGE

POSITION Project Engineer/Surveyor

EDUCATION Northeastern University (1984 - 1991)

Bachelor of Science in Civil Engineering

Continuing Education Courses in Engineering
Technology, Approval Processes and State
Sanitary Regulations

Completion of Hazardous Material Emergency
40 hour Site & Safety

PROFESSIONAL HISTORY

1991 - Present Environmental Project Engineer/Land Surveyor/Laboratory
Compliance Assistant

Environmental Project engineer/surveyor experienced in topographical, property line, construction layout and as-built surveys. Construction inspection and supervision of roadway construction including utilities, observe contractor workmanship for sewer projects, small on site sewage disposal systems. Office experience includes survey calculations, plotting and drafting. CAD experience in all facets of DCA and Land desk Development for the preparation of existing conditions plans, property line plans and various other survey type plans. Design of modifications of existing waste treatment facilities as well as completed new state of the art facilities.

Lab Compliance Assistant experienced in sampler set-up, collecting influent and effluent composite samples. Sampling of monitoring wells at numerous sites that MEA provides monthly compliance services (presently 18 sites). Compile all DMR reports and lab information for MA DEP monthly submittal. Provide assistance in testing and record keeping in accordance with our state certified lab for pH and conductivity.

Typical Wastewater Treatment projects include:

- Hingham Middle School, Hingham Mass, Services included evaluation of Existing Sewage Treatment Plant as well as design required treatment upgrade with construction observation to meet MassDEP Zone 2 discharge requirements. Completed 2013.
- Dover Sherborn, Dover, MA, Services include design plans and specifications for modification of Existing Bio-Clere treatment system, including new flow equalization, aerobic MBBR, anoxic MBBR with required piping and precast concrete equipment building.
- J.P.I. Apartments , Bellingham, MA, Services include review of original design by others, with modifications to provide consistent compliance with the existing groundwater discharge permit which included strict Zone 2 Nitrogen limitations.
- Meeting House at Stow, Stow, MA, Services include construction plans and specifications to provide replacement of existing wastewater treatment by others with new Bio-Clere, flow equalization, anoxic MBBR for denitrification.
- Compliance monitoring of over 18 Wastewater Treatment facilities including sampling, testing and preparation of monthly MA DEP Discharge Monitoring Reports.
- Certified Laboratory testing in field for Specific Conductance and pH as required by DEP.

The Commonwealth of Massachusetts



Department of Environmental Protection

Division of Environmental Laboratory Sciences

Senator William X. Wall Experiment Station

certifies

M-MA129

MARTINAGE ENGINEERING ASSOC INC

131 MAIN ST

READING, MA 01867-3966

Laboratory Director: Bernard DeFelice

for the analysis of NON POTABLE WATER (CHEMISTRY)

pursuant to 310 CMR 42.00

This certificate supersedes all previous Massachusetts certificates issued to this laboratory. The laboratory is regulated by and shall be responsible for being in compliance with Massachusetts regulations at 310 CMR 42.00.

This certificate is valid only when accompanied by the latest dated Certified Parameter List as issued by the Massachusetts D.E.P. Contact the Division of Environmental Laboratory Sciences to verify the current certification status of the laboratory.

Certification is no guarantee of the validity of the data. This certification is subject to unannounced laboratory inspections.

A handwritten signature in dark ink, appearing to read "Oscar C. Jacobo".

Director, Division of Environmental Laboratory Sciences

Issued: 01 JUL 2019

Expires: 30 JUN 2020

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certified Parameter List as of: 01 JUL 2019

M-MA129 MARTINAGE ENGINEERING ASSOC INC
READING MA

NON POTABLE WATER (CHEMISTRY)

Effective Date 16 FEB 2017

Expiration Date 30 JUN 2020

Analytes

PH
SPECIFIC CONDUCTIVITY

Methods

SM 4500-H-B
SM 2510B



WASTE WATER ENVIRONMENTAL MANAGEMENT, INC.

Billing

9A Quincy Road
Londonderry, NH 03053
(603) 434-8134

Laboratory

270 Littleton Road, Unit 30
Westford, MA 01886
(978) 692-8010

1/7/2020

Statement of Qualifications

Name: Steven Hansen

Position: President

Time at Position: 4 years

Position: Laboratory Director/Supervisor

Time as Position: 28 years

Position: Wastewater Treatment Facility Operator

Time at Position: 30 years

Position: Adjunct Faculty, Chemistry Lab Instructor, UMASS Lowell

Time at Position: 20 years

Certifications: Massachusetts Wastewater Treatment Plant Operator Grade 6C

NEWEA Certified Wastewater Analyst

CPR/First Aid/ AED American Red Cross

Education: BS Environmental Science/ Chemistry University of New Hampshire, Durham 1984

COMPANY PROFILE

R.I. ANALYTICAL LABORATORIES, INC.

131 COOLIDGE STREET BUILDING 2

HUDSON, MA 01749

COMPANY PROFILE

R.I. Analytical Laboratories, Inc. provides a unique blend of environmental services, which include Environmental Chemistry, Asbestos, Lead and Indoor Air Quality Consulting, and Specialized Training to the Environmental Sector. Private corporations and public sector organizations throughout New England call upon R.I. Analytical Laboratories, Inc. to provide data and consulting knowledge utilizing the latest advances in technology and training.

Founded in 1976, R.I. Analytical has grown to be one of the most respected environmental laboratories and specialized consulting firms in New England. Our business offices and environmental laboratory are located just off of Interstate 95 in Warwick, Rhode Island. Our Exposure Assessment & Management Division, also at this location, provides the New England area with asbestos abatement plans, asbestos monitoring and analysis, air quality monitoring, and lead detection and inspection services. This location also houses the Training Facility utilized to provide specialized training in the areas of Asbestos and Compliance. With a second location in Hudson, Massachusetts, R.I. Analytical is equipped to handle the needs of our clients in the greater Boston area and regions north and west. This location provides sales support, sampling services, sampling supplies, consulting services, and courier services.

We are committed to integrity, quality, and the highest level of service to our clients. R.I. Analytical is recognized as a leader in providing superior service and consulting knowledge. R.I. Analytical has the systems, equipment, and desire to meet a variety of our clients' specialized needs. Highly skilled and vastly knowledgeable staff is always available to assist you whether you are a professional engineer, water or wastewater treatment plant owner or operator, a manufacturer maintaining compliance with discharge regulations, a facilities manager dealing with asbestos issues, or a homeowner concerned about drinking water. We strive to earn the trust and reliance of our clients, both large and small, by providing the highest level of professional service available. Please review this qualifications package to learn more about our company and why we are the best candidate for all your environmental solutions.

CAPABILITIES

R.I. Analytical Laboratories, Inc. is organized into four divisions to best serve the needs of our clients. The Analytical Laboratory Division encompasses all of our analytical capabilities in the areas of chemical, physical, and microbiological testing. The Exposure Assessment and Management Division (EAM) operates as a sampling and consulting unit in

the areas of asbestos, lead, and indoor air quality. The Occupational Training Division provides clients with specialized training in the areas of Asbestos, Lead, and OSHA related disciplines. The ToyTestingLab Division is a domestic, 3rd party independent testing laboratory specializing in CPSIA, ASTM F963, Canadian CCPSA Toys Regulations, and California Proposition 65 compliance testing. ToyTestingLab is accredited by A2LA and is accepted by the CPSC as an accredited laboratory.

ANALYTICAL LABORATORY DIVISION

R.I. Analytical's chemical and microbiological laboratories maintain certifications in Rhode Island, Connecticut, Massachusetts, New Hampshire, New York (NELAC), and Maine. The laboratory maintains certification with the United States Navy and is an approved laboratory under the United States Army Corps of Engineers Dredge Materials Program. In addition, the United States Department of Agriculture has granted approval to R.I. Analytical for the importation of soils. The laboratories are certified in all categories available through the state and federal certification programs. We have routinely participated in the Water Supply and Water Pollution Performance Evaluation Studies through the United States Environmental Protection Agency and the Metals Laboratory participates in the American Industrial Hygiene Association's Environmental Lead Proficiency in Analytical Testing Program (AIHA-ELPAT).

Our Asbestos Laboratory maintains certification for analyzing both air and bulk material samples. The certifications are valid for work originating in the states of Rhode Island, Connecticut, Massachusetts, Vermont and Maine. We successfully participate in the American Industrial Hygiene Association's Proficiency in Analytical Testing Program (AIHA - PAT) and the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NIST - NVLAP).

R.I. Analytical has developed an extensive Quality Assurance / Quality Control (QA/QC) Program. This program incorporates the procedures of sample collection, transportation, storage, analysis, and reporting of data. The laboratory routinely performs the QA/QC requirements specified by the United States Environmental Protection Agency and the Massachusetts Department of Environmental Protection Compendium of Analytical Methods. These specifications include method blanks, matrix spikes, matrix spike duplicates, laboratory control standards, laboratory control standard duplicates and blind QC samples. A numbered control copy of R.I. Analytical's Quality Assurance Program is available upon request.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/07/2020

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 have ADDITIONAL INSURED provisions or 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 Brownson Insurance Agency 139 Albion St. P.O. Box 349 Wakefield MA 01880	CONTACT NAME: Maureen Polman	
	PHONE (A/C, No, Ext): (781) 245-2292 FAX (A/C, No): (781) 245-3826	
	E-MAIL ADDRESS: mo@brownsoninsurance.com	
INSURED Martinege Engineering Associates Inc. 131 Main St 3rd Fl. Reading MA 01867-3966	INSURER(S) AFFORDING COVERAGE	NAIC #
	INSURER A: Quincy Mutual Fire Insurance Co.	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES**CERTIFICATE NUMBER:****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 INSD	SUBR INSD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			BO106084	02/27/2020	02/27/2021	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 - COM/OP AGG \$ 2,000,000 \$
A	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			AFV207875	09/01/2019	09/01/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$ 10,000			BO106084	02/27/2020	02/27/2021	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC000360	02/13/2020	02/13/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Engineering Services. 01/07/2020. Project: North Reading Middle and High School Wastewater Treatment Facility. Per written contract with the Named Insured, the North Reading School District and/or the Town of North Reading MA are named Additional Insureds as regards General Liability.

AI 104071

CERTIFICATE HOLDER**CANCELLATION**

North Reading High School 191 Park Street North Reading MA 01864-	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

Fax () -

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MARTENG-01

MDONOVAN

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/7/2020

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 have ADDITIONAL INSURED provisions or 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 Ames & Gough 859 Willard Street Suite 320 Quincy, MA 02169	CONTACT NAME: vable		
	PHONE (A/C, No, Ext): (617) 328-6555	FAX (A/C, No): (617) 328-6888	
	E-MAIL ADDRESS: boston@amesgough.com		
INSURED Martinage Engineering Associates, Inc. 131 Main Street Reading, MA 01867	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Travelers Casualty & Surety Co. of America A++, XV		31194
	INSURER B:		
	INSURER C:		
	INSURER D:		
	INSURER E:		
	INSURER F:		

COVERAGES

CERTIFICATE NUMBER:

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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY						
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
							PRODUCTS - COMP/OP AGG \$
							\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per person) \$
	<input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR						EACH OCCURRENCE \$
	EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$
	DED <input type="checkbox"/> RETENTION \$ <input type="checkbox"/>						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> Y/N <input type="checkbox"/> N/A						PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/>
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$
A	Prof. Liability			105427803	4/12/2018	4/12/2020	Per Claim Limit 2,000,000
A				105427803	4/12/2018	4/12/2020	Annual Agg. Limit 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
All Coverages are in accordance with the policy terms and conditions.

CERTIFICATE HOLDER

CANCELLATION

North Reading School District
Attn: Mr. Jon Bernard
189 Park Street
North Reading, MA 01864

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

CERTIFICATE OF NON-COLLUSION

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 subsection, the word "person" shall mean any natural person, joint venture, partnership, corporation, or other business or legal entity. The undersigned further certified under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the Commonwealth under the provisions of Section 29F of chapter 29, or any other applicable debarment provisions of any other chapter of General Laws or any rule or regulation promulgated thereunder.

Date: January 9, 2020

Donald E. Martynage

(Signature of Bidder)

By: President, Donald E. Martynage
Title/Name of Individual Signing Bid

TAX COMPLIANCE CERTIFICATION

Pursuant to M.G.L. c. 62C, S49A, I certify under penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all Laws of the Commonwealth relating to taxes.


Name of Person Signing Bid


Name of Business


Contact Person:

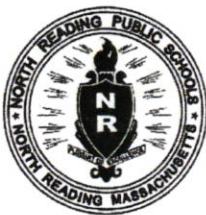
12. CORPORATE VOTE

Martinage Engineering Associates, Inc. authorizes Donald E. Martinage as president of said corporation has authority to sign attached proposal.

CERTIFIED BY CORPORATE CLERK


Donald E. Martinage
President

January 9, 2020
DATE



NORTH READING PUBLIC SCHOOLS

North Reading, Massachusetts 01864

Telephone (978) 664-7810

Fax (978) 664-0252

Web ps.north-reading.k12.ma.us

To: All Prospective Bidders *MARTINAGE ENGINEERING ASSOCIATES INC.*

From: Michael Connelly, Assistant Superintendent of Finance & Operations

Re: **ADDENDUM NO. 1** Professional Civil or Sanitary Engineer for compliance monitoring and consulting services of North Reading Middle School /High School WWTP

Date: December 16, 2019

Below is some additional information regarding the potential expansion of the Waste Water Treatment Plant to include Municipal buildings during the contract term.

The Town of North Reading plans to hire a design and engineering firm to conduct a feasibility and cost estimates of tying in other Municipal buildings including the Senior Housing Facility and the Public Safety buildings (Police and Fire) as section 9 under the scope of services on page 4 indicates into the existing Waste Water Treatment Plant at the Middle School/High School. After speaking with the Town Administrator the awarding firm will not be expected to be significantly involved in the feasibility and design phase of this project which would take place during the first year of this contract (July 1, 2020 through June 30, 2021). Other than answering some questions and being available to assist with questions as they may come up it is not expected to require a significant of time commitment from the awarding engineering firm under this contract. The earliest the Municipal buildings would become part of the Waste Water Treatment Plants operation and daily flow if approved and appropriated by the Town, would not be until year 2 of this contract at the earliest but more than likely it would be even later than year 2.

This addendum is being sent to all prospective bidders on record of having picked up the bid documents. Acknowledge receipt of this addendum must be documented in order to be considered a responsible and responsive bidder. Please sign acknowledging receipt and fax back or email to my attention Michael Connelly at 978-664-0252 or mconnelly@nrpsk12.org.

If you have any additional questions please contact me at 978-526-5270.

Thank you.

Demetrius E. Muehlen

Signature of Bidder
Acknowledge of Receipt

January 8, 2020

Date

END OF ADDENDUM NO. 1