

QUALIFICATIONS



THE TOWN OF  
*Ledyard*  
CONNECTICUT

# Request for Qualifications Bid#2012-12

Post-Design Engineering Service in Connecticut with  
the Aljen Heights Water Main Extension

December 20, 2011



Architects/Engineers/Planners  
2080 Silas Deane Highway  
Rocky Hill, CT 06067  
860.224.9141  
860.224.9147 fax

MAGUIRE GROUP INC.  
ARCHITECTS / ENGINEERS / PLANNERS

2080 Silas Deane Highway  
Rocky Hill, CT 06067  
Phone: 860-224-9141  
Fax: 860-224-9147

December 20, 2011

Honorable Mayor John Rodolico  
Town of Ledyard  
741 Colonel Ledyard Highway,  
Ledyard, Ct 06339



**Re: Request for Qualification - Bid #2012-12  
Post Design Engineering Service in Connection with the Aljen Heights Water  
Main Extension**

Dear Mr. Rodolico:

Maguire Group is pleased to submit our firm's qualifications to provide post-design bid phase and construction phase administrative services to the Town of Ledyard Permanent Municipal Building Committee for your exciting water main extension project.

Maguire is an established Connecticut AEP firm which for over 70 years of providing similar construction engineering, bid and administrative services to numerous municipal clients throughout the northeast, including Connecticut. Our Rocky Hill office is equipped with the appropriate complement of professional water resource engineers and construction engineering staff to handle the work envisioned as part of this RFQ.

Leading our team will be Mark Kopchak, Chief Project Engineer, with twenty-six years of experience in the design and construction of water resources projects. Mark's major areas of responsibility will be to serve as the principal daily contact, to attend all regular monthly meetings, oversee construction progress and schedule, and assign tasks to other individuals. Assisting Mark throughout this project is Barry Pociask, Senior Construction Engineer, with twenty-seven years of relevant project experience. Recently, Mark and Barry successfully teamed on many of the projects shown in our relevant project experience section, including the Middletown Westfield Water Main Extension (on-going), the ARRA funded East Lyme chlorination system improvements (2011) project, and the Massachusetts Port Authority Prescott Street Pumping Station (2009), considered by the project's Original Equipment Manufacturer (OEM) to be the largest variable frequency driven fire pumping station in the world.

Our past client satisfaction demonstrates our commitment to serve our clients needs. Maguire takes pride in being responsive to our clients and we assure you that we will be there to help you achieve your project goals and meet your expectations.

*A Metric Engineering Group Company*

We welcome an opportunity to meet with the Town of Ledyard for further discussion on this project and remain available to discuss with you the contents of our qualifications package should you have any questions.



Sincerely,

MAGUIRE GROUP INC.

A handwritten signature in black ink that reads "Steve B. Landry".

Steven B. Landry, P.E.  
Vice President of Water Resources

MAGUIRE GROUP INC.

A handwritten signature in black ink that reads "Mark J. Kopchak".

Mark J. Kopchak, P. E.  
Chief Water Engineer

STATE OF CONNECTICUT ♦ DEPARTMENT OF CONSUMER PROTECTION

Be it known that

**MAGUIRE GROUP INC**

13940 SW 136 Street

Suite 103

Miami, FL 33186

has been certified by the Department of Consumer Protection as a licensed

**PROFESSIONAL ENGINEERING CORPORATION**

License # **PEC.0000680**

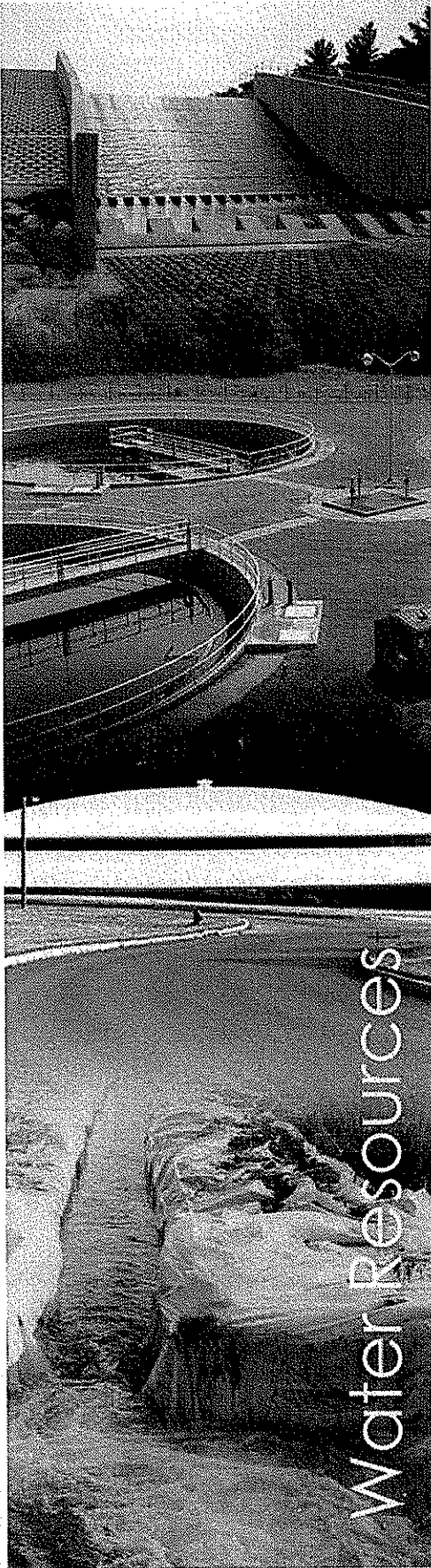
Effective: 07/23/2011

Expiration: 07/22/2012

  
William M. Rubenstein, Commissioner

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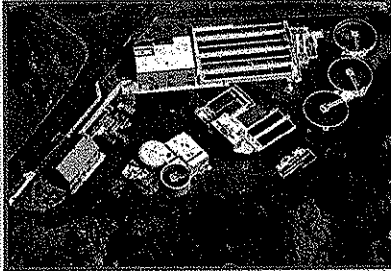
Water Resources

# Company Profile

ARCHITECTS • ENGINEERS • PLANNERS • CONSTRUCTION MANAGERS  
[WWW.MAGUIREGROUP.COM](http://WWW.MAGUIREGROUP.COM)



## Company Information



Maguire Group is a large, full-service multi-disciplinary Architectural, Engineering, Planning and Construction Management firm headquartered in Massachusetts, with offices in Connecticut, Florida, New Hampshire, Pennsylvania, Rhode Island, and the U.S. Virgin Islands.

Throughout its history, Maguire has played an important role in the planning, design, and construction of the infrastructure used daily by millions of Americans.

Maguire Group offers professional architectural design and engineering (A&E) services including structural, electrical, and mechanical engineering; civil, marine and environmental engineering; transportation systems engineering; water resources engineering; and emergency management services. These services are complemented by in-house services which include planning (site, community and regional); geotechnical engineering; permit preparation; and construction and project management. Maguire Group is ranked among the top firms of its type in the United States and is equipped to undertake complex projects requiring the orchestration of multiple disciplines.

Maguire Group has provided over 70 years of services to its clients and in the last five years has planned and designed over 1,800 projects. The advantage of the firm's size is that from initial concept development through project design and construction, Maguire Group is able to assemble and deploy a team of permanent staff members with the capabilities to meet the specific needs of the most complex projects.

Success in the highly competitive field of design consulting is best achieved through consistent excellence, professional dedication, and services that merit client trust. The firm's most precious assets are the capabilities of its staff and the confidence of its clients. Maguire Group is continually striving to enhance and preserve these assets.

## Corporate Information

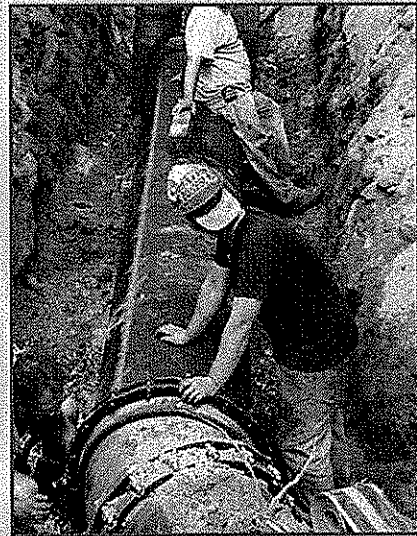
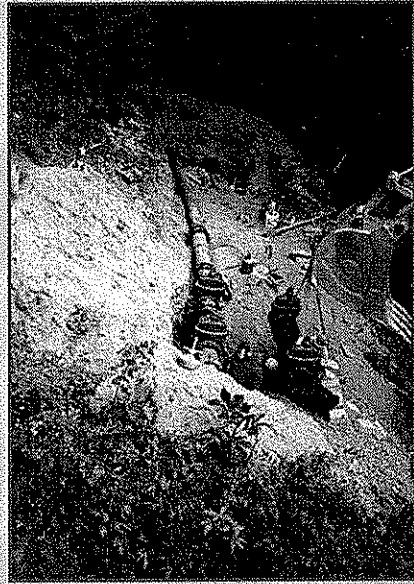
President / CEO – Carlos Duarte

Current Maguire Employees – 175

Primary Contact: Principal In Charge – Steven Landry, PE

[www.maguiregroup.com](http://www.maguiregroup.com)

Project Managers	10	Operations/Training Spec.	5
Senior Technical Specialists	20	Senior Cost Estimator	2
Senior Project Engineers	25	Senior Admin. Assistant	2
Engineers	25	Administrative Assistant	3
Staff Engineers	20	Resident Project Rep.	5
Senior Technicians	15	Resident Inspector	15
Senior CAD Operator	5	Schedule	1
Senior Computer Modeler	4	GIS Analyst	1
Computer Modeler	2	Field Technician	10
Senior Operations/Training Spec.	5	Total	175



## History of the Firm

Firm was established in 1938  
Charles A. Maguire & Associates – 1938  
Charles A. Maguire Inc. – 1968  
C-E Maguire – 1970  
CE Maguire Inc. – 1979  
Maguire Group Inc. - 1987

## WATER RESOURCES

Critical issues like funding considerations, source water concerns, regulatory compliance, efficient operations, aging infrastructure, and regional cooperation challenge water systems of all sizes. Maguire's Water Resource Engineers help develop the innovative solutions our clients require to deliver value from source to tap.

Maguire established a position as a local leader in the water resources field by combining technical innovation and practical solutions that control capital expenditures and mitigate the impact of regulatory initiatives or compliance actions.

Maguire takes pride in our ground-breaking work that becomes the industry standard for years to come, in both our **water and wastewater groups**. We offer technical and planning services to support integrated resources planning, water supply development and management, pollution control, ecosystem restoration, and wetlands and watershed management. Our water resource experts help clients protect water at its source, deliver water to homes and businesses, and collect and treat wastewater before reintroducing it safely into the environment.

Maguire's water-related services have grown to encompass energy conservation issues, rate analysis and municipal advocacy as well as value engineering, peer reviews and construction engineering. Our experienced staff works with towns, cities, and districts throughout the Eastern Seaboard and the U.S. Virgin Islands to protect water resources, provide safe drinking water, and assure the public health through effective wastewater treatment.

### Water Engineering Services

- Water supply, storage, treatment, transmission and distribution
- Contract administration
- Dam inspections / restoration
- Funding source assistance
- Groundwater/well development
- Hydraulic modeling
- Permitting
- Pumping stations design / upgrades
- Resident engineering / inspection
- Water quality and pilot studies
- Water treatment plant design / upgrades
- Wellhead / watershed security

### Wastewater Engineering Services

## Company Information

- Wastewater facility planning
- Wastewater collection / treatment
- Construction mgmt / inspection
- Contract administration
- CSO projects
- Enhanced nutrient removal systems
- Funding source assistance
- Hydraulic modeling
- Infiltration / inflow studies / repair
- Odor control
- Pump station design
- Resident engineering / inspection
- Solids handling and disposal

### Energy Management for Water / Wastewater Facilities

- Energy conservation
- Rate analysis
- Infiltration / inflow studies / repair

## OFFICE LOCATIONS



**The Maguire Corporation  
Corporate Headquarters &  
International Operations**  
211 Congress Street, 11<sup>th</sup> Floor  
Boston, MA 02110  
P: 617.778.1440  
F: 617.348.2143  
[www.maguiregroup.com](http://www.maguiregroup.com)

**Maguire Group Inc.**  
225 Chapman Street  
Providence, RI 02905  
P: 401.272.6000  
F: 401.272.9185

**Maguire Group Inc.**  
2080 Silas Deane Highway  
Rocky Hill, CT 06067  
P: 860.224.9141  
F: 860.224.9147

**Maguire Group Inc.**  
D.L Clark Building/6<sup>th</sup> Fl.  
503 Martindale Street  
Pittsburgh, PA 15212  
P: 412.322.8340  
F: 412.322.2138

**Maguire Group Inc.**  
110 Corporate Drive, Suite 6  
Portsmouth, NH 03801  
P: 603.433.0004  
F: 603.433.0006

**Maguire Group Inc.**  
1142 King Street  
Christiansted, St. Croix  
USVI 00822  
P: 340.713.9331  
F: 340.773.5361

\* All work under this contract will be completed by our professional staff located in Rocky Hill, CT.

## AWARDS

Maguire Group is proud to note that we have twice received the Presidential Award for Design Excellence. The Presidential Design Awards, established in 1983, were initially administered by the National Endowment for the Arts (NEA) and later the General Services Administration (GSA). The awards encourage and recognize the design successes of federal agencies and cities and honor individuals who have made outstanding contributions to federal design.

### Company-Wide

NSPE Professional Development Award – Honorable Mention for Private Practice For *“Outstanding contributions to the advancement and improvement of the engineering profession through employment policies (Ethics Program).”*

### Connecticut

1997 Award of Excellence for Distinguished Architectural Treatment on Prestressed Concrete Tank Construction, Portland Cement Association.  
**Water Storage Tank (2.0 mgd), Bristol**

2002 Biennial Awards: Excellence in Highway Design Honorable Mention Award, Federal Highway Administration.

**Thread City Crossing (“The Frog Bridge”), Willimantic**

2001 National Achievement Award – State Winner, National Partnership for Highway Quality.

**Thread City Crossing (“The Frog Bridge”), Willimantic**

Special Recognition for Educational Design Excellence, American School and University’s

*Architectural Portfolio Magazine.*

**Tracey Elementary School Additions and Renovations, Norwalk**

ARC Welding Bronze Award, Lincoln Arc Welding Foundation.

**Baldwin Street Bridge, Waterbury**

Municipal Development Award.

**Raymond E. Baldwin Center, Stratford**

Special Recognition for Educational Design Excellence, American School and University’s

*Architectural Portfolio Magazine.*

**Franklin Elementary School, Stratford**

Special Recognition: *“For Creative Design Utilizing Precast and Prestressed Concrete,”*

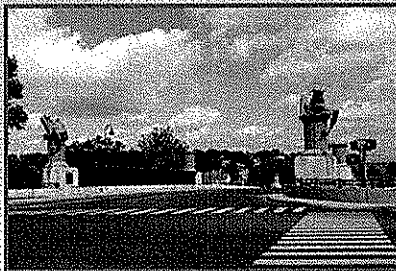
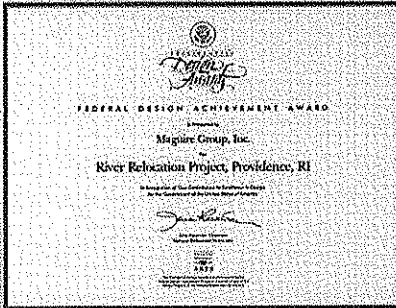
Prestressed Concrete Institute.

**General Hospital Parking Garage, New Britain**

Region I Award: *“Best Operated & Maintained Small Advanced Wastewater Treatment Plant,”*

U.S. Environmental Protection Agency.

**Wastewater Treatment Plant, Meriden**



# Company Information

## Massachusetts

2010 Building Project of the Year Award (New Construction <\$10M),  
Construction Management Association of America (CMAA), New England  
Chapter.

**Prescott Street Pump Station for Massport at Logan International Airport,  
East Boston**



2011 Excellence in Engineering Silver Award, American Council of Engineering  
Companies (ACEC) / Massachusetts – Rhode Island.

**Oak Bluffs Ferry Terminal Rehabilitation / Expansion, Martha's Vineyard**

2009 Station Style Award for Excellence in Fire Station Design, *Construction Fire  
Chief Magazine*.

**Franklin Street Fire Station, Worcester**

2006 Public Project of the Year Award, Construction Management Association of  
America.

**Interstate I-93 and Central Artery/Tunnel (CA/T) Project, Boston**  
(part of the 'Big Dig' with Joint Venture partner Frederick G. Harris)

2005 Silver Award for Excellence in Fire Station Design, *Fire Chief Magazine*.  
**Hudson Fire Station, Hudson**

2004 Certificate of Merit, American Council of Engineering Companies (ACEC) /  
Massachusetts.

**Interstate I-90 Extension (Massachusetts Turnpike, with Frederick G. Harris),  
Boston**

Presidential Award for Design Excellence: For Outstanding Achievement in  
Design for the U.S. Government, National Endowment for the Arts (NEA) /  
General Services Administration (GSA).

**Charles River Dam Project, Boston**

Outstanding Civil Engineering Achievement Award: "A special award for its  
contribution to the enhancement of an urban environment," American Society of  
Civil Engineers (ASCE) / New England.

**Charles River Dam Project, Boston**

Chief of Engineer Design & Environmental Awards – Honorable Mention, "For  
Achievement in the Category of Landscape Architecture."

**Charles River Dam Project, Boston**

Outstanding Masonry Design Award, The Masonry Institute of Massachusetts &  
New Hampshire:

*"For the Innovative Use of Masonry."*

**Charles River Dam Project, Boston**

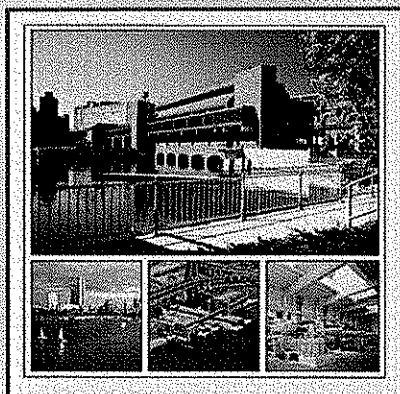
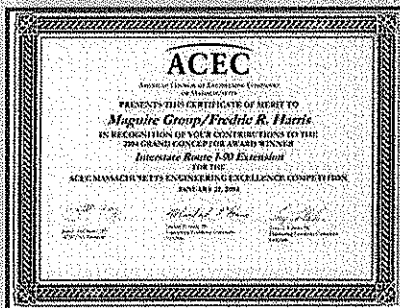
Governor's Design Award.

**Harvard Square Parking Garage, Cambridge**

Special Recognition: "For the Creative Design Utilizing Precast and Prestressed  
Concrete,"

Precast/Prestressed Concrete Institute.

**Boston Edison Switching and Conversion Station 514, Boston**



# Company Information

National Society of Professional Engineers and the Massachusetts Society of Professional Engineers.

**Boston Edison Switching and Conversion Station 514, Boston**

Award for Excellence in Engineering Design, American Consulting Engineer's Council.

**Boston Edison Switching and Conversion Station 514, Boston**

Honor Award, Associated General Contractors, System Management Engineering Facility

**Hanscom Air Force Base, Bedford**

## Rhode Island

CMAA Program Management of the Year Award (Program Phase/Infrastructure) to O'Brien & Gere/Maguire LSR JV Program Management for the Providence Water Supply Board Lead Service Replacement Program

2010 Grand Conceptor Winner (First Place) – Engineering Excellence Award, American Council of Engineering Companies (ACEC) / Massachusetts & Rhode Island.

**Interstate 195 Relocation and Providence River Bridge Project, Providence**

2010 Engineering Excellence Award Finalist, American Council of Engineering Companies (ACEC) / National.

**Interstate 195 Relocation and Providence River Bridge Project, Providence, RI**

2008 Innovative Management / Large Project Award, Northeastern Association of State Transportation Officials (NASTO).  
**Providence River Bridge Float Project, Providence, RI**

Honor Award for Urban Design, The American Institute of Architects.  
**River Relocation Project, Providence**

Excellence on the Waterfront Award, Waterfront Center Committee.  
**River Relocation Project, Providence**

Presidential Award for Design Excellence, National Endowment for the Arts (NEA) / General Services Administration (GSA).  
**River Relocation Project, Providence**

Bridge Award, The New England Chapter of the American Concrete Institute.  
**Capital Center Bridge, Providence**

Award of Merit, American Institute of Steel Construction.  
**Civic Center Interchange, Providence**

Interior Design Award, American Society of Interior Designers.  
**Academic Building No. 2, Naval War College, Newport**

