Rubinos & Mesia Engineers, Inc.

Farhad Rezai, S.E., P.E. | Executive Vice President / Principal
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Structural / Civil Engineering + Construction Management

MWRD Tunnel Project Tunnel A-B, C-D and Connecting Tunnel at Stickney WRP
As Prime Consultant, RME provided Structural background drawings and was responsible for surveying and documenting the tunnels for existing structural members, piping, conduits, pipe racks, etc. inside the subject tunnels and underground utilities.

Thornton Composite Reservoir Final Prep
RME provided Structural Engineering services for almost all the structural components of the project, including approach slab, drop shaft, portal tunnels, plume & deaeration structure tunnel plugs. This Reservoir is part of the MWRDC’s Tunnel and Reservoir Plan (TARP).

Central Park Pump Station Electrification Project
RME provided Structural and Civil Engineering and Architectural services. The project included conversion of 100 year old steam powered facility to an electric powered facility and refurbishment of two 60-mgd and three 80-mgd, 60+ years old centrifugal horizontal split case pumps. The Structural work consisted of designing three new buildings and upgrading four existing buildings.

South Water Purification Plant - Condition Assessment Reports
RME performed site visits and prepared Condition Assessment Reports for the South Water Purification Plant in accordance with the Design Engineering Services Term Agreement.

Terrence J. O’Brien Water Reclamation Plant UV Disinfection Facility
RME provided Structural Engineering services for O’Brien WRP. The project included the design and construction of facilities to disinfect waste water flows up to 530 MGD using ultraviolet light.
ABOUT RME

RUBINOS & MESIA ENGINEERS, INC. (RME), a MBE, was established in 1982 as a Chicago based Structural / Civil Engineering and Construction Management Firm.

RME has established a reputation among leading Consultants by demonstrating its technical abilities and exceeding client expectations. RME’s staff works diligently in a team environment to provide our clients with the highest quality product, on time and within budget. Our principals and staff have experience with a great variety of civil and structural projects. Over the years, RME has been the proud recipient of over 30 awards in various categories.

RME AT-A-GLANCE

RME has...

- A large pool of Structural and Civil Engineers that have intimate design and evaluation experience.
- Demonstrated ability to successfully anticipate and navigate project challenges on a consistent basis.
- Successfully completed more than 2,000 projects.
- A well diversified project portfolio from over 34 years of experience.
- Built successful long-term relationships with numerous Agencies, Architectural and Engineering firms.

Project Types

Water / Waste Water Facilities
Tunnels and Tunnel Structures
Airport/Aviation
Site Design
Healthcare Facilities
Municipal Facilities
Industrial Facilities and Utilities
Rail Structures and Facilities
Mass Transit
Bridge Design / Reconstruction
Roadways
Residential
Historic Renovations & Rehabilitations
Educational Facilities: K-12 & Higher Ed.

BUILDING ON SUCCESS

Water / Waste Water Design Project Experience

RME has tremendous experience in the structural and civil engineering design of water and waste water facilities throughout the Chicagoland area. Our engineers are familiar with and adept in following a variety of agency design requirements for projects involving Tunnels and Reservoirs, Water Reclamation Facilities, Pumping Stations, Purification Plants, Drainage, Sewers and Water Resources.
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Project Types

- Water / Waste Water Facilities
- Tunnels and Tunnel Structures
- Airport/Aviation
- Site Design
- Healthcare Facilities
- Municipal Facilities
- Industrial Facilities and Utilities
- Rail Structures and Facilities
- Mass Transit
- Bridge Design / Reconstruction
- Roadways
- Residential
- Historic Renovations & Rehabilitations
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