Rubinos & Mesia Engineers, Inc.

Farhad Rezai, P.E. | Executive Vice President / Principal
T > 312.870.6614 | E > FRezai@RME-i.com

The University of Chicago Mandel Hall Renovation
RME was responsible for aiding the Architectural team in evaluating the structure. After identifying the deterioration, RME developed detailed drawings for the repair of the structural elements.

The University of Chicago Lab School Renovation
RME provided structural engineering services including services during construction. The project consisted of structural renovation of 313,000 sq ft of space for educational needs and the upgrading of mechanical systems.

UIUC Altgeld Hall & Illini Hall Renovation Feasibility Study
RME provided structural engineering services including services as a sub-consultant. The team conducted a feasibility study and concept design to explore redevelopment strategies that would restore these two historic buildings to a level consistent with a world class academic institution.

University Center of Lake County
RME provided structural engineering services. The project consisted of a three-story building with partial basement, 91,100 square feet, higher education facility located adjacent to the College of Lake County.

UIUC Pennsylvania Avenue Residence (PAR) Dining Remodel
RME provided Structural Engineering services for this 51,000 sq ft project which included the reconfiguration, upgrading and modernizing the dining rooms, dining services facilities and related support spaces, such as offices.

UIC Critical Examination
RME provided structural support to the critical examination of the facades of various campus buildings. Seven buildings were included in the assessment program.

UIUC Advanced Chemical and Technology Building
RME provided Structural Engineering services for this State-of-the-Art, 5 story, ‘T’ shaped laboratory building which will be approximately 142,000 sq ft.

UIUC Civil Engineering Retainer
RME was chosen to provide Site & Civil infrastructure improvements for campus facilities as the need arises. Improvements include stormwater, utility, roadway and parking for improvements.

UIUC Stevenson Building
RME is providing Civil Engineering services for the construction of 33,000 square foot addition to the Stevenson Building and renovation of 67,000 square feet in the Stevenson Building.

The University of Chicago Lab School
RME was responsible for supporting the architect in evaluating the structure. After identifying the deterioration, RME developed detailed drawings for the repair of the structural elements.

RME is providing Structural Engineering services for the construction of 33,000 square foot addition to the Stevenson Building and renovation of 67,000 square feet in the Stevenson Building.

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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

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

Higher Education Project Experience

RME has a strong reputation in structural and civil engineering design services for Higher Education facilities throughout the state of Illinois. Our engineers have expertise and experience in new construction, exterior and interior renovation, additions, rehabilitation, inspections, studies, assessments and professional engineering retainers. In our 25+ years in Higher Education, we have successfully completed more than 75 projects as a Prime and Sub-consultant.

RME provided Structural Engineering services for this six-story residential building of 180,000 GSF and total bed count of 484. RME also provided structural engineering services for another phase of this project at Wassaja Hall.

RME provided Structural Engineering services during construction for this building.

RME was selected as the Structural and Civil Engineer of Record for the three new fine arts buildings to complement the two existing fine arts buildings.

RME was selected to provide Civil Engineering for the new laboratory site for the first CDB/UIUC design build project. The fast paced nature of this project requires design of the site improvements on a very fast track pace to meet the overall project commissioning requirements.

RME provided Structural Engineering services from concept to completion for this 86,000 sq ft facility that achieved Gold LEED certification.

RME provided Structural Engineering services for this “smart” building. It incorporates cutting-edge technology and was designed with anticipation of future evolutions and technology.
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