

<https://mrce.com/job/structural-engineer/>

## Structural Engineers (3) needed at New York, NY headquarters: Structural Engineers (3 positions)

Date posted

December 20, 2022

The Structural Engineer with Mueser Rutledge Consulting Engineers PLLC will perform structural analysis and design, including hand calculations, computer assisted analysis, preparation of drawings and field inspection of construction. Main worksite located at 14 Penn Plaza, 225 West 34th Street, 6th Floor, New York, NY 10122. MRCE is one of the nation's oldest engineering firms practicing in the field of foundation engineering, Structural engineering, and the design of waterfront structures. Tasks will include:

- Analyze and design geotechnical structures, including embankments, slopes, foundations (piles, micro piles, caissons, etc.), earth-retention structures (tiebacks, soldier piles, sheet piles, slurry walls, etc.), and support systems for shallow and deep excavations.
- Analyze and design structural steel members as well as reinforced concrete elements.
- Analyze site specific subsurface conditions.
- Conduct structural design and analysis using programs such as RISA-2D, RISA-3D, SAP2000, Mathcad, etc.
- Prepare field reports, technical memoranda, calculation packages, feasibility reports, design and evaluation reports, specifications, and construction drawings utilizing AutoCAD.

Work will include conditions identified during construction.

### General Minimum Requirements:

MS Structural Engineering, Civil Engineering, or a closely related field, or Foreign equivalent

### Special Requirements:

Must possess in depth knowledge in design/analysis of below ground and earth-retention geotechnical structural systems; identifying building code requirements including applying knowledge of industry standards and construction techniques; strong skills utilizing computer software including: AutoCAD, MathCAD, MATLAB, SAP2000; applying knowledge of fracture mechanics of concrete, steel and masonry structures; deep foundation analysis/design; measuring imposed seismic demands; and designing steel and concrete structures;

### Terms:

- Full Time, 40 Hrs / week
- Long Term Employment
- Benefits Offered: Medical, Dental, Vision, Transit, Life Insurance, 401k, Flexible Spending Account, Dependent Care Account

### Contact:

Send resumes to:

**MRCE, Attn: Elyssa Bray, Human Resources**

14 Penn Plaza, 225 West 34th Street, 6th Floor

New York, NY 10122

**Email:** [hr@mrce.com](mailto:hr@mrce.com)