

Structural Design, Assessment, and Vetting Services



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Who We Are

AI Engineers (AIE) is an award-winning, ISO 9001-certified multidisciplinary consultancy with 30+ years of global experience. Headquartered in the U.S. with Pakistan offices since 2019, we deliver end-to-end engineering solutions—from planning through handover—recognized as an ENR Top Design Firm powered by agile, cloud-based workflows.

Resilient Structures. Engineered for Performance.

Delivering performance-driven structural design and independent vetting for tall and complex buildings, ensuring safety, efficiency, and constructibility from concept through execution.

Sectors We Serve



Highrisers &
Tall Structures



Utilities, Water &
Retaining Structures



Bridges & Transportation
Structures



Commercial &
Mixed-Use Buildings



Warehouses &
Steel Structures



Industrial, Healthcare &
Specialized Facilities

Our Structural Services

Structural Design

Structural design for high-rise and tall buildings under gravity, wind, and seismic forces.

Structural Assessment & Rehabilitation

Condition assessment, capacity evaluation, and strengthening of existing and aging structures.

Peer Review & Design Vetting

Independent review of calculations, drawings, and models to mitigate risk and ensure compliance.

Detailing & Shop Drawings

Accurate structural detailing and fabrication-ready shop drawings aligned with construction sequencing.

BIM-Enabled Structural Modeling

Revit-based structural models up to LOD 500 supporting multidisciplinary coordination and clash-free delivery.