

CAPABILITY STATEMENT

Core Capabilities

- Coastal and waterfront engineering analysis
- Hydraulic and hydrologic modeling (riverine and tidal systems)
- Flood risk and sea level rise assessment
- Storm surge and extreme event evaluation
- Port and marine infrastructure technical support
- Climate resilience integration for transportation and urban corridors
- Environmental and oceanographic data analysis
- Technical documentation and proposal-phase support

Technical Expertise

Neelon Engineering Solutions provides principal-led execution and focused technical depth for projects where understanding water–infrastructure interaction is critical.

- Coastal port construction and rehabilitation support
- Marine and waterfront infrastructure projects
- Hydraulic and oceanographic modeling for large-scale water systems
- Multidisciplinary coordination across engineering and construction teams
- Structured technical reporting and proposal documentation

Value to Prime Consultants

- Specialized hydraulic and coastal modeling expertise
- Independent, technically rigorous analysis
- Clear and defensible engineering documentation
- Flexible engagement as a niche subconsultant
- Responsive, principal-level delivery

Company Information

Neelon Engineering Solutions, LLC

Germantown, Maryland

UEI: HV1KUNEUUNB9

CAGE: 19BN1

NAICS: 541330 – Engineering Services