

## **CAPABILITIES STATEMENT**

### **I) Firm History**

MEP Designs, Inc. is a recognized leading regional engineering firm with a solid reputation for combining technologically advanced engineering with value-based solutions. Founded in 2004 and headquartered in Manassas, Virginia, MEP Designs provides full-service architecture and engineering design and building codes consulting services. We maintain licensure and certification in Virginia, West Virginia, Maryland, District of Columbia, North Carolina, New Jersey and Pennsylvania. **The firm is MDOT SBA, MWAA LDBE, and Virginia SWAM Certified.**

### **II) Office Address and Contacts**

Sam Abdelfattah, PE, President  
8721 Plantation Lane, Suite 301  
Manassas, VA 20110  
Tel: 703.366.3663, ext. 101  
Fax: 703-656-4886  
Email: [sam@mepdesigns.com](mailto:sam@mepdesigns.com)

### **III) Core Competencies:**

- **Applicable NAICS Codes: 541310, 541330, 541340, 51350, 541410**
- Mechanical heating, cooling & ventilation systems design
- Electrical lighting and power systems design
- Lighting photometrics analysis for Interior and exterior applications, Visual and AGi32.
- Standby and Mission Critical electrical power design
- Fire protection systems design & inspection
- Control & automation
- LEED & Sustainable Design
- Building energy modeling, using eQuest and HAP software applications
- Electrical power studies, using etap software, including short circuit analysis, arc flash analysis and power coordination studies
- Conditions assessments, construction cost estimates and feasibility Studies
- MEP Systems Commissioning
- Building codes consulting

### **IV) Past Performance:**

- Federal government: GSA, HHS, FDA, USDA, Army, Navy
- State & Local Government: Prince George's County, Montgomery County, Prince William County, Fairfax County, DC Housing Authority
- Rail & Transit: MWAA, WMATA, MARC, AMTRAK
- Private sector and commercial: Raytheon, Lockheed Martin, SES, Bombardier.

### **V) Financial Performance & Insurance:**

Professional Liability:	4Mil/2Mil.
General Liability:	5Mil/5Mil.
Auto Insurance:	1Mil.
Workman's Comp.:	1Mil.
Umbrella Coverage:	5Mil.

### **VI) Staffing & Experience:**

MEP Designs employs 13 engineers and designers with combined experience exceeding 300-years. Refer to the firm organization chart on the next page.