DIGNITAS TECHNOLOGIES

Shaping the Future
of
Simulation & Training

Capabilities Statement

Dignitas Technologies, established in 2004, is a Certified Woman Owned Small Business (WOSB) dedicated to understanding customer Modeling, Simulation, & Training (MS&T) needs and providing specialized, architecture-centric, agile solutions. We specialize in system and software analysis, design, development, testing, and fielding of MS&T and mission rehearsal applications.

Core Competencies

- **Synthetic Environments**. Megacities, Dense Urban Environments, and Geographic Information System (GIS) modeling. Geospatial database generation, 3D visual models, and 2D/3D visualization tool. Computer Generated Forces, Pattern of Life entities, and aggregate level solutions. Physics based dynamic terrain and weather representations.
- **Mixed Reality Simulations.** Portable, low-cost virtual and augmented reality simulators integrating different input modalities. Training and mission rehearsal applications. Mobile simulation apps for iOS and Android.
- **Learning Systems**. Mature, adaptable intelligent tutoring system interoperable with various simulation and training applications. Courseware development includes analysis and development of material for instructor-led classes and self-directed interactive multimedia instruction (IMI) 1-4. Includes eLearning material to facilitate student – instructor interactions online.
- **Cyber Training**. Cyber Training solutions for Live, Virtual, Constructive, and Gaming (LVCG) and cyber range training.
- **LVCG Interoperability**. Interoperable solutions between LVCG training environments and Mission Command Systems. LVCG terrain database correlation.
- **Information Services**. Information technology systems integration and infrastructure connectivity. Virtualization, cloud computing, and data center support. Network optimization and help desk operations. Cyber security protection and cyber range operations. Work from home solutions.

Differentiators

- Small business **innovation**, speed, and flexibility combined with experienced leadership and **competitive rates**.
- **CMMI Level 3** appraised processes, agile DevOps practices, and Fortune 500 management experience.
- Key successes in both research and production programs, facilitating research-to-production **technology transition**.
- Proficient with the development and management of **large complex training systems and architectures**.

Past Performance Highlights

- Support across **multiple branches of the military**, with roles on a wide range of MS&T programs.
- Contract vehicle types: Fixed Price, Cost Plus, T&M, OTAs, BAAs, SBIRs (Commercialization Achievement Index of 95%).
- Programs of Record: **Army**- CCTT, AVCATT, CDT, JLCCTC, OneSAF, SE Core, CPM Next, LVC-IA, DIL; **AF**- F35; **Navy**- LCS, ERDE, MRTS, ACTS.

Company Data

2019 Revenue: $20.3M
Number of employees: 150
DUNS: 17-596-6675
CAGE: 35EB7

Sample Contract Vehicles: OASIS SB P1 & P3
SBIR Phase III (Commercialization)
Seaport NxG
STES (ARL)

NAICS Codes

334310	541511	541715
541330	541512	541990
541370	541513	611710
541380	541519	

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