AITHERAS

CUSTOMER-CENTRIC INNOVATIVE SOLUTIONS

CLOUD HOSTING + MIGRATION CAPABILITIES

CUSTOMER-CENTRIC INNOVATIVE SOLUTIONS

AITHERAS, LLC is a customer-centric innovative IT consulting firm delivering timely and cost-effective solutions for our federal, state, local, and commercial clients. Since 2002, our clients have entrusted us with mission critical projects relying on our services and expertise in Data Analytics, Cloud Computing Services, IT Engineering and Application Development, Records and Data Management, Litigation Support, and Cyber Security. We are headquartered in Rockville, MD, an ISO 9001:2015 certified firm, a designated Small Business by the U.S. Small Business Administration (SBA), and a Minority Business Enterprise (MBE) by the State of Maryland Department of Transposition (MDOT).

As an accomplished technology solution provider, we prioritize understanding the challenges that our clients face to support achieving scalable and customer-centric solutions. Whether the challenge is expanded mission requirements, or budgetary pressures or shrinking workforces, we design custom solutions that maximize the investment for long-term success.

AITHERAS has served and partnered with over a hundred clients since 2002. We continue to be driven by seeing our clients excel and thrive in their mission. Let us know how we can partner with you to integrate innovative and sustainable solutions for your success.

As an Amazon Technology Partner, AITHERAS is a leader in developing and implementing Cloud computing strategies by providing the framework and oversight of application architecture in Cloud environments. This includes implementing scalable computing, database, storage, and product delivery solutions in public, private, and hybrid Clouds. We design Cloud environments with a focus on AWS and Azure, and develop standards for inter-operability in the design of production, staging, QA, and development environments, leveraging our deep understanding of DevOps practices and emerging security frameworks.

INFRASTRUCTURE

AITHERAS provides IT Infrastructure support both on-prem and in the cloud via a wide array of services including planning, application development, custom configuration, rollout, implementation, and ongoing maintenance.

SERVICES

AITHERAS' strength resides in providing secure network support; helpdesk support; Microsoft application development; asset management; and certified Cloud provider application hosting. We employ industry standards from NIST, FISMA, and SSAE-16, among others, to meet customer Security, Quality, Cost, and Schedule requirements. All of our Cloud services focus on security and reliability. We specialize in the use of Virtual Private Cloud (VPC) which, like VPNs, ensure devices are not openly accessible via the Internet-- protecting proprietary applications and data by allowing access only from within your own secured network.

As one of the leading providers of Cloud migration and support services to commercial and federal clients, AITHERAS brings an array of comprehensive experience and best practices for assessing the feasibility of migrating and hosting in the Cloud. We offer applied and enhanced support for hosted support solutions. As part of AITHERAS' feasibility study of migrating to the Cloud, we provide a roadmap on how clients can reach their end goal in the Cloud while focusing on cutting costs. Not only do we provide full Cloud hosting capabilities, we also can build hybrid on-prem and Cloud provisioned solutions to perform heavy thread image processing; script automated deployment of applications to stacks on Linux/UNIX systems; establish automated code pipelines, support cluster computing solutions for domain-specific computing jobs; and script solutions to manage machine clusters hosting high-availability applications and web services.

CONTRACT VEHICLES

DEPARTMENT OF JUSTICE DATA ANALYTICS SOLUTION BPA GS-35F-494GA

GSA SCHEDULE CONTRACT IT 70-GS-35F-0068S

GSA SCHEDULE 36 — GS-03F-034DA

U.S. ARMY CORPS OF ENGINEERS (USACE) AUTOMATED CONTROLS AND CYBER SECURITY SYSTEMS (ACCS) ENGINEERING AND DESIGN SUPPORT FOR USACE HYDROELECTRIC DESIGN CENTER

8(A) STARS II — CONTRACT NUMBER GS00Q17GWD2073

CLIENT #1: SANFORD HEISLER SHARP

COMPETENCY

Hosted Service

SOLUTION

Provide a hosted Virtual Private Cloud solution that complies with rigorous security standards. Implement VOIP, security policies, and hosted cloud servers. Design environment with high availability to reduce downtime and fully mitigate data loss. Provide daily operations help desk through Tier 3 support.

CLIENT #2: U.S. DEPARTMENT OF JUSTICE

COMPETENCY

Cloud Open Base Review Analytics

SOLUTION

Created a custom program framework to allow parallel processing to perform text analytics and recommended a Hadoop data platform solution to allow for continuous growth. The production cluster has 50 cloud-based nodes with 1 petabyte of raw space.

CLIENT #3: COMMON SECURITIZATION SOLUTIONS (CSS INC.)

COMPETENCY

On Demand Scaling

SOLUTION

Support and manage all DevOps solutions automation, enabling CSS to expand production capabilities quickly and efficiently. Our automation engineers created a methodology to support Rapid Deployment Capabilities within the AWS environment, allowing expansion of entire segments of the platform as capacity requirements grow.

CLIENT #4: FEMA

COMPETENCY

Migration Feasibility Study and Migration Services

SOLUTION

Conduct an assessment of the environment and existing systems to determine feasibility of migrating to the cloud to include delivery of a plan and cost estimate for migration. Perform migration duties with a focus on security and future growth as well as guidance on deployments and maintenance of cloud systems.

CONTACT US

Please contact us to see the difference we can make in meeting your solutions needs and goals. AITHERAS appreciates the opportunity to earn your business.

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