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| Objective | Provide the expertise to the USDA to modernize and re-platform applications onto commercial cloud services. This will be accomplished by leveraging modern innovative information technology throughout the IT investment portfolio, leveraging commercial cloud services to deliver greater flexibility and functionality in support of Agency mission requirements. |
| Scope | Professional services to assist GSA/USDA in (1) the staffing and training of a sustainable cloud computing organization within USDA, (2) the closure of identified USDA data centers, and (3) the migration of applications to commercial cloud environments and/or to the remaining two USDA on premise data centers. |
| Capabilities | **Re-platforming and Migration – CloudForte™ Migration Accelerators** |
|  | **Human Capital Transformation – Cloud Center of Enablement** |
| Relevant Experience | * **CBP BEMS SEACATS Modernization –** 2.4M line COBOL applications succesfully modernized and deployed in May 2018. * **CBP Biometric Exit –** Cloud native mission-critical application deployed for biometric exit solution within 6 months. * **GSA G-Suite –** 17,000 mailboxes migrated in 6 months powered by Organizational Change program facilitating access to new functionality. * **USDA Cloud Migration –** 100 disparate applications migrated within 18 months. * **Cal State University –** Modernized 75+ instances of Peoplesoft and migrated to private cloud hosted in Equinix in February 2018. * **Unisys has achieved over 1,000 AWS certs/accreditations since June of 2017 – with a higher than 95% pass success rate**. |
| Recommendations | 1. To mitigate risk, ensure providers have appropriate competencies with leading AWS and Azure for government and an overall Managed Service Provider competency. 2. Require that all providers have demonstrated significant investment in terms of transforming its own workforce into a cloud workforce. 3. Do accreditation prep by for attaining GSS ATOs and define repeatable patterns for attaining/porting workload ATOs. 4. Separate cloud advisory contracts, migration contracts, management contracts and modernization contracts; assigning the most complicated engineering work to larger firms. 5. Refactor management, governance, financial, and operational processes to include public cloud. 6. Ensure scope for human capital transformation (including training, organizational change, and building practitioner communities) is funded and not vulnerable to IT needs. |