

DHA Industry Day

J6: Health Information Technology

Solution Delivery Division (SDD)

4 June 2019





EBMS Blood Transfusion Sustainment



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA, J-6, Solution Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> EBMS Blood Transfusion Sustainment
Existing Contract #	<ul style="list-style-type: none"> GS-35F-4649G (PSI)
Opportunity Description	<ul style="list-style-type: none"> Sustainment support of the EBMS-Transfusion (EBMS-T) application (HCLL™) to include installation and sustainment of the test, training, and production environments, Tier III customer support, system and infrastructure maintenance at MHS MESOC, Aurora, and the test environments, and quality assurance of the application Configuration, implementation and maintenance activities required to deploy new versions and upgrades of the EBMS-T application (HCLL™) and its components throughout the life of the sustainment contract Manage HBSS on the EBMS-T production, training, and testing servers

EBMS Blood Transfusion Sustainment



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> CO-HIT
Contract Vehicle	<ul style="list-style-type: none"> IT Schedule 70
Contract Type	<ul style="list-style-type: none"> TBD
Total Contract Duration	<ul style="list-style-type: none"> Base 12 months + 3 option years
NAICS / PSC	<ul style="list-style-type: none"> D311
Contract Value Range	<ul style="list-style-type: none"> \$5M - \$10M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> No
Contract Start Date	<ul style="list-style-type: none"> October 2019

EBMS Blood Transfusion Sustainment



- Evaluation Criteria:

- Best Value Trade-Off evaluation, factors include, but are not limited to: Technical Approach, Management Approach, Past Performance, Corporate/Personnel Experience and Cost
- Understanding and experience in sustaining a medical device under the Code of Federal Regulations, Title 21, Series 800

- Product Description:

- EBMS-T is a Food and Drug Administration (FDA) 510(k) cleared Class II Medical Device that must be sustained in accordance with all applicable regulations to ensure that it manages safe, pure, and potent blood products
- EBMS-T manages the receipt, inventory, and final disposition of blood products, and provides a look-back capability for managing blood products and a learning system for training and reference
- EBMS-T is comprised of the following components:
 - WellSky™ Transfusion (formerly HCLL™) 2016 Service Pack 8
 - HCLL™ Analytics Enterprise Reporting
 - KnowledgeTrak Learning Management System
 - Automated Patient Backup Card (to be implemented in Q4FY19/Q1FY20)

EBMS Blood Transfusion Sustainment



- **Additional Opportunity Details:**

- EBMS-T is deployed to approximately 51 Military Treatment Facilities
- EBMS-T will be decommissioned and replaced by MHS Genesis; the decommissioning of EBMS-T sites are dependent on the MHS Genesis schedule. The following are estimations of the percentage of EBMS-T sites being decommissioned by Fiscal Year (% by FY are subject to change):
 - FY19 – 3%; FY20 – 11%, FY21 – 13%, FY22 – 25%, FY23 – 35%, FY24 – 13%
- MHS Genesis sites will have read-only access to HCLL live data until a legacy data solution is implemented

- **Key Capabilities**

- Staff must consist of subject matter experts (SMEs) in blood banking and transfusion medicine
- Must be able to sustain a medical device under the Code of Federal Regulations (CFR), Title 21, Series 800
- Must be able to qualify as needed software and hardware to work with the medical device
- Requires a contractual relationship with the medical device manufacturer (WellSky™)

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EIRB Maintenance and Support



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA, J-6, Solution Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> Electronic Institutional Review Board (EIRB) Maintenance and Support
Existing Contract #	<ul style="list-style-type: none"> HT0015-15-C-0004 (Aderas)
Opportunity Description	<p>Provides for:</p> <ul style="list-style-type: none"> Operations and maintenance support for EIRB Cybersecurity compliance, functional and training support, Tier III help desk and triage support, and other associated services Purchasing of iMedRIS COTS license usage and maintenance agreements for the current EIRB COTS product

EIRB Maintenance and Support



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> CO-HIT (COD-San Antonio)
Contract Vehicle	<ul style="list-style-type: none"> GSA IT-70 Health-IT SIN / Alliant II
Contract Type	<ul style="list-style-type: none"> TBD
Total Contract Duration	<ul style="list-style-type: none"> Base 12 months + 4 option years
NAICS / PSC	<ul style="list-style-type: none"> 541519
Contract Value Range	<ul style="list-style-type: none"> \$10M - \$13.5M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> Yes
Contract Start Date	<ul style="list-style-type: none"> August 2020

EIRB Maintenance and Support



- Evaluation Criteria:
 - Best Value Trade-Off evaluation, factors include, but are not limited to: Technical Approach, Management Approach, Past Performance, Corporate/Personnel Experience and Cost
- Key Capabilities:
 - Application administration and operation activities for the EIRB product and all other system COTS software components (e.g., database, operating system, etc.)
 - Sustain all EIRB environments (production and non-production)
 - Application code maintenance (code changes, minor functionality development, etc.) for EIRB, databases, and common components
 - Extensive experience with the Risk Management Framework (RMF)

EIRB Maintenance and Support



- **Product Description:**
 - EIRB is a centrally hosted enterprise-wide web-based application used to manage the lifecycle research, review and oversight processes for DoD research as well as unique DoD review needs
 - Specific business rules are embedded in the commercial product suite of the iMedRIS products known as EIRB. Due to the proprietary nature of the iMedRIS suite of products, the Contractor should have knowledge of the EIRB application
- **Proposal Tips:**
 - Demonstrate understanding of SDD and EIRB's needs
 - Demonstrate knowledge of and ability to support the scope

DOEHRS-IH Priority Development Initiatives



Phase I



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA/DAD IO (J-6)/Solution Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> DOEHRS-IH Priority Development Initiatives Phase I
Existing Contract #	<ul style="list-style-type: none"> New
Opportunity Description	<ul style="list-style-type: none"> The DOEHRS-IH Priority Development Phase I effort consists of comprehensive technical program management, analysis, design and development support for the enhancement of the existing suite of DOEHRS-IH components across the DoD.



DOEHRS-IH Priority Development Initiatives

Phase I



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> • CO-HIT
Contract Vehicle	<ul style="list-style-type: none"> • TBD
Contract Type	<ul style="list-style-type: none"> • Hybrid (Firm Fixed Price/Cost Reimbursable)
Total Contract Duration	<ul style="list-style-type: none"> • Base 3 Months + 2 Option Years
NAICS / PSC	<ul style="list-style-type: none"> • TBD
Contract Value Range	<ul style="list-style-type: none"> • \$10M - \$15M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> • TBD
Contract Start Date	<ul style="list-style-type: none"> • Jan 2020

DOEHRS-IH Priority Development Initiatives

Phase I



- **Evaluation Criteria:**
 - Best Value Trade-Off evaluation, factors include, but are not limited to: Technical Approach, Management Approach, Past Performance, Corporate/Personnel Experience and Cost
- **Product Description:**
 - DOEHRS-IH is a comprehensive web-based Automated Information System (AIS) used by Occupational and Environmental Health (OEH) professionals to manage OEH health risk data and actively track biological, chemical, and physical health hazards of Service members worldwide
- **Other Information:**
 - Detailed tasks of this effort includes implementing new interfaces, updating the graphical user interface (GUI, and resolving critical system change requests (SCRs)

DOEHRS-IH Priority Development Initiatives

Phase I



- Proposal Tips:
 - Vendors should effectively articulate their knowledge of and experience with:
 - Industrial hygiene and environmental health practices
 - Health IT system design and software development
 - Network/systems engineering
 - Agile and waterfall methodologies
 - Interface development
 - Department of Defense (DoD) policies and procedures
 - Defense Health Agency (DHA)
 - Solution Delivery Division (SDD)
 - Defense Information Systems Agency (DISA)
 - Due to its complexity, specific DOEHRS-IH experience is a major plus

Veterinary Services System Management (VSSM) Sustainment



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA, DADIO J-6, Solution Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> VSSM Sustainment
Existing Contract #	<ul style="list-style-type: none"> HT0015-14-D-0001 (ASM Research)
Opportunity Description	<p>The objective of this task order is to provide non-personal services and all personnel necessary to support application operation and maintenance. The objective is to utilize an agile methodology to identify, develop and deploy system updates and / or changes resulting in improved user experience, system performance and system availability. This includes providing proactive monitoring, after-hours support for critical and high priority issues, Tier III support, maintenance and modernization of the operating environments leveraging open source technology in compliance with cybersecurity requirements.</p>

Veterinary Services System Management (VSSM) Sustainment

 Opportunity
 Description

 Contract
 Details

 Contracting
 Overview

 Additional
 Information

Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> CO-HIT
Contract Vehicle	<ul style="list-style-type: none"> GSA PSS
Contract Type	<ul style="list-style-type: none"> TBD
Total Contract Duration	<ul style="list-style-type: none"> Base 12 months + 4 option years
NAICS / PSC	<ul style="list-style-type: none"> 541512 / D316
Contract Value Range	<ul style="list-style-type: none"> \$5M - \$10M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> Yes
Contract Start Date	<ul style="list-style-type: none"> APR 2020

Veterinary Services System Management (VSSM) Sustainment



- Key Personnel:

- Project Manager
- Software Developer
- Solutions Architect - with experience in Platform technology such as Webservers, relational / non-relational databases and third middleware products.
- Cybersecurity Engineer

Veterinary Services System Management (VSSM) Sustainment



- Additional Information:
 - We're seeking technology that aligns to product modernization
- Proposal Tips:
 - Demonstrate knowledge of and ability to support the scope
 - Clearly map cost / price to the tasks
 - Present Alternative of Analysis (AoA) for modernized platform technologies (Microservices, Open Source application servers, Open Source relational / non-relational databases)



DAD IO (J-6) Interagency Comprehensive Plan for Care Coordination Support (ICPCCS)



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA, J-6, Solution Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> Interagency Comprehensive Plan for Care Coordination Support (ICPCCS) Sustainment
Existing Contract #	<ul style="list-style-type: none"> HHSN316201200117W (Attain)
Opportunity Description	<ul style="list-style-type: none"> This contract provides support to Interagency Comprehensive Plan for Care Coordination Support (ICPCCS) functionality that includes the DoD-CMS application. In addition, this contract will provide system administration and user support associated with software operation and maintenance, capturing of appropriate metrics to assess the efficiency of the application and its architecture, identify technical and business obstacles or constraints, provide Tier III application and system support remotely.

DAD IO (J-6)

Interagency Comprehensive Plan for Care Coordination Support (ICPCCS)



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> USA MED Research Acq Activity
Contract Vehicle	<ul style="list-style-type: none"> Small Business
Contract Type	<ul style="list-style-type: none"> TBD
Total Contract Duration	<ul style="list-style-type: none"> Base 6 months + 3 option periods (6 mos.) with 3 month transition out
NAICS / PSC	<ul style="list-style-type: none"> 541611 / R408
Contract Value Range	<ul style="list-style-type: none"> \$4M to \$5M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> Yes
Contract Start Date	<ul style="list-style-type: none"> Dec 2019

Interagency Comprehensive Plan for Care Coordination Support (ICPCCS)



- Evaluation Criteria:
 - Best value
 - Deep understanding of current nonclinical case management workflows
 - Solutions to better support the user community
- Additional Opportunity Details:
 - Provide operations, sustainment and engineering support
 - Utilize agile methodology
 - Support interoperability and data exchange with the VA

Interagency Comprehensive Plan for Care Coordination Support (ICPCCS)



- Understanding Our Efforts:
 - ICPCCS facilitates care coordination among Care Management Team members by providing situational awareness for all involved with care of Service Members / Veterans including ongoing or completed actions, proactive monitoring and planning for case transition within DoD and between DoD and VA
- Writing a Better Proposal:
 - Understand the current nonclinical case management workflows and issues with Care management Team to provide ongoing care and community reintegration for Service Members and Veterans and how your solution will help



CBIS Tier III Support



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA, J-6, Solutions Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> CBIS Program Office Tier III Support
Existing Contract #	<ul style="list-style-type: none"> GS-00F-223DA / HT001117F0008 (Nester Consulting LLC)
Opportunity Description	<ul style="list-style-type: none"> This contract provides for the support of the Special Project and application and system support teams for current CBIS systems. This support will address tactical and strategic sustainment for the CBIS products to improve existing capabilities and improve user experience

CBIS Tier III Support



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> HIT-CD
Contract Vehicle	<ul style="list-style-type: none"> GSA Professional Services Schedule
Contract Type	<ul style="list-style-type: none"> TBD
Total Contract Duration	<ul style="list-style-type: none"> Base [12] months + [2] option years
NAICS / PSC	<ul style="list-style-type: none"> 541611 / R408
Contract Value Range	<ul style="list-style-type: none"> \$5M to \$8M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> Yes
Contract Start Date	<ul style="list-style-type: none"> Mar 2020

CBIS Tier III Support



- Evaluation Criteria:
 - Best value
 - Strong understanding of Enterprise Content Management, Interoperability and Data Sharing / Migration, Business Process Management (e.g. case management) and Document Tracking
 - Experience with PMOs, workflow analysis and modern technology products that can improve user experience
- Additional Opportunity Details:
 - Strong business and system analysts to analyze and understand current systems, plan and design solutions and drive implementation to an approved schedule
 - Support will include ad hoc project teams to resolve current issues or implement solutions for future improvement

CBIS Tier III Support



- Understanding Our Efforts:
 - This support includes providing long-term improvements to better support the CBIS mission and its customers and strong SMEs to support product specific tiger teams for immediate resolution
- Writing a Better Proposal:
 - Demonstrate technical leadership in technology products and workflows
 - Demonstrate how business process updates and system improvements can be used to better the user experience, enhance sustainability and reduce system life-cycle costs

Defense Medical Accession Computing System (DMACS)



Specifications	Summary
Requiring Activity	DHA, J-6, Solution Delivery Division (SDD)
Opportunity Title	Defense Medical Accession Computing System (DMACS)
Existing Contract #	GS-06F-1038Z / HT0015-16-F-0056
Opportunity Description	This contract provides for the sustainment of DMACS using an agile approach for software development and delivery. In addition, this contract will provide system administration and user support associated with software operation and maintenance, capturing of appropriate metrics to assess the efficiency of the application and its architecture, identify technical and business obstacles or constraints, provide Tier III application and system support remotely.

Defense Medical Accession Computing System (DMAACS)



Opportunity
Description

Contract
Details

Contracting
Overview

Additional
Information

Specifications

Summary

Contracting Office

- CO-HIT (COD-SA)

Contract Vehicle

- GWAC

Contract Type

- TBD

Total Contract Duration

- Base (6 months) + 5 Option periods (6 months) + Transition Out period (3 months)

NAICS / PSC

- 541513 / D399

Contract Value Range

- \$3M - \$5M

Small Business Set Aside (Y/N)

- Y – 8 (A)

Contract Start Date

- 02/2020

Defense Medical Accession Computing System (DMACS)



- Evaluation Criteria
 - Best value
 - Understanding of current workflows
 - Solutions to better support the user community
- Additional details of the opportunity
 - Provide operations, sustainment and engineering support
 - Utilize agile methodology
- Understanding Efforts
 - DMACS facilitates the medical review of candidates for officer accession programs including information updates to the candidates and the requesting commissioning source
 - DMACS facilitates approximately 50,000 medical reviews a year

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Defense Medical Accession Computing System (DMACS)



- What to know to write a better proposal
 - Understand the current workflows and issues to provide streamlined review of each candidate against the medical standards for commissioning programs
 - Functional Analyst/System Engineer support required at DoDMERB site in Colorado Springs, CO for one or more persons



HAIMS ECM/BPM BPA



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA, J-6, Solutions Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> HAIMS Enterprise Content Management/Business Process Management (ECM/BPM) BPA
Existing Contract #	<ul style="list-style-type: none"> New
Opportunity Description	<ul style="list-style-type: none"> This contract will provide for the configuration and sustainment support of ECM/BPM workflows and infrastructure. In addition to maintaining current workflows and infrastructure including resolving production issues, this will also include the implementation of new and updated workflows to support user requirements, performance improvements and rationalization efforts



HAIMS ECM/BPM BPA



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> HIT-CD
Contract Vehicle	<ul style="list-style-type: none"> Blanket Purchase Agreement (BPA)
Contract Type	<ul style="list-style-type: none"> TBD
Total Contract Duration	<ul style="list-style-type: none"> Base [12] months + [4] option years
NAICS / PSC	<ul style="list-style-type: none"> TBD
Contract Value Range	<ul style="list-style-type: none"> ~\$30-\$50M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> No
Contract Start Date	<ul style="list-style-type: none"> Jun 2020

HAIMS ECM/BPM BPA



- Evaluation Criteria:
 - Best Value
 - Deep understanding of content and case management workflows
 - Strong understanding of Enterprise Content Management, Interoperability and Data Sharing / Migration, Business Process Management (e.g. case management) and Document Tracking
- Additional Opportunity Details:
 - Provide configuration, operations, sustainment and engineering support
 - Utilize agile methodology including updating or creating workflows to better support existing requirements
 - Support interoperability and data exchange with external partners

HAIMS ECM/BPM BPA



- Understanding Our Efforts:
 - Supports the awareness and access to data that support critical workflows including case management, service treatment records, separation health assessment and non-clinical/clinical care
 - Current initiatives underway to support rationalization and infrastructure consolidation to reduce overall cost without affecting user workflow and system performance
- Writing a Better Proposal:
 - Demonstrate technical leadership in areas of content / case management and interoperability
 - In addition to maintaining the current ECM/BPM configuration and infrastructure, provide suggestions on improving the sustainability of the system in the short- and long-term including identifying efficiencies and agility in implementing workflows



DAD IO J-6 SDD Engineering Support



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> DHA, J-6, Solution Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> DAD IO J-6 SDD Engineering Support
Existing Contract #	<ul style="list-style-type: none"> New
Opportunity Description	<ul style="list-style-type: none"> Required services include engineering support to Solutions Delivery Division (SDD). Provide engineering support across the Software Development Lifecycle and Acquisition support to current and future SDD systems. Provide Subject Matter Expert (SME) support for implementing emerging technologies and initiatives.



DAD IO J-6 SDD Engineering Support



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> PS-CD
Contract Vehicle	<ul style="list-style-type: none"> GSA
Contract Type	<ul style="list-style-type: none"> Labor Hour
Total Contract Duration	<ul style="list-style-type: none"> Base 4 months + 4 option years
NAICS / PSC	<ul style="list-style-type: none"> 541519 (Other Computer Related Services)
Contract Value Range	<ul style="list-style-type: none"> ~\$65M - \$70M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> TBD
Contract Start Date	<ul style="list-style-type: none"> Jun 2020

DAD IO J-6 SDD Engineering Support



- Evaluation Criteria:
 - Knowledge of and experience with current SDD systems
 - Ability to provide SME support and staffing
 - Staff qualifications
- Additional Opportunity Details:
 - Engineering support for all SDD instead of being program office focused.
 - Direct support to government staff
 - Matrixed systems/SW engineering support to set groups of systems
 - Continue current support of sustaining systems and migrating to new technologies and hosting platforms

DAD IO J-6 SDD Engineering Support



- Additional Opportunity Details:
 - SME support for all systems (e.g. Data/database, Cloud, DevOps, Agile, Application refactoring, evolutionary architecture)
 - SMEs to provide plans, roadmaps and implementation assistance
 - Operations and Sustainment support for all systems
- Proposal Tips:
 - Provide specific details of how you will provide the services and perform the tasks.
 - Staff qualifications - demonstrate specifics with positions held



Tricare Online Sustainment



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> Solution Delivery Division (SDD)
Opportunity Title	<ul style="list-style-type: none"> TRICARE ONLINE Patient Portal (TOL PP) Sustainment
Existing Contract #	<ul style="list-style-type: none"> HT0011-15-F-0030 (Leidos)
Opportunity Description	<ul style="list-style-type: none"> TRICARE Online (TOL) is an online patient-focused portal that provides eligible DOD beneficiaries and their families a convenient, personalized healthcare experience. The term TOL and TOL PP are considered interchangeable. TOL provides convenient access to Secure Messaging for secure communication with their provider, Nurse Advice Line, Service Separation/Retirement modules, and a variety of MHS mobile applications that support health and well-being.

Tricare Online Sustainment

Opportunity
Description

Contract
Details

Contracting
Overview

Additional
Information

Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> COD-Falls Church
Contract Vehicle	<ul style="list-style-type: none"> GSA IT Schedule 70, Health IT Services Special Item Number (SIN) 132-56
Contract Type	<ul style="list-style-type: none"> Time and Materials
Total Contract Duration	<ul style="list-style-type: none"> Base - 5 months + 4 option years
NAICS / PSC	<ul style="list-style-type: none"> 541512
Contract Value Range	<ul style="list-style-type: none"> \$19M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> No
Contract Start Date	<ul style="list-style-type: none"> Aug 2019

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Tricare Online Sustainment



- TOL Patient Portal (PP) is broad reaching; execution of the contract tasking requires coordination with many organizations and program offices, to include TOL Service Representatives from the Army, Navy, Air Force and the National Capital Region (NCR); Defense Health Agency (DHA); Defense Health Modernization Systems (DHMS); Solution Delivery Division (SDD); Electronic Health Record Core Program Management Office (EHR Core PMO); Joint Interoperability Test Command (JITC); Defense Manpower and Data Center (DMDC); Defense Information Systems Agency (DISA); MHS Identify Authentication Service (iAS); Department of Veterans Affairs (VA); and various suppliers/contractors providing support and/or interfacing with TOL PP.



Tricare Online Sustainment



Core Capabilities	Interfaces	Messaging Services Provided
Appointing Services	CHCS Patient Appointing & Scheduling (PAS) Module	Essentris messaging service between Tripler Army Medical Center (TAMC) CHCS and Essentris®
Pharmacy Refill (Rx Refill)	CHCS Pharmacy (Pharm) Module	National Provider Identifier (NPI) update tool between CHCS and Defense Medical Human Resources System – internet (DMHRSi)
Health Record Displays	DMDC Authentication services	Primary Care Manager (PCM) update tool between CHCS and DEERS
Service Separation	DMDC Defense Eligibility Enrollment Reporting Systems (DEERS)	
Nurse Advice Line (NAL) Single-Sign On (SSO)	DMIX DES	
Secure Messaging SSO	MHS iAS	



SDD Platform as a Service (PaaS)



Specifications	Summary
Requiring Activity	<ul style="list-style-type: none"> Solution Delivery Division
Opportunity Title	<ul style="list-style-type: none"> SDD Platform as a Service (PaaS)
Existing Contract #	<ul style="list-style-type: none"> N/A
Opportunity Description	<ul style="list-style-type: none"> Contractor provides managed services for a Platform as a Service (PaaS) for SDD, managing all user-facing applications and related supporting database software and middleware across all environments. The contractor is responsible for installation, configuration, and operation of all application infrastructure Application code is out of scope

SDD Platform as a Service (PaaS)



Specifications	Summary
Contracting Office	<ul style="list-style-type: none"> GSA Region 3
Contract Vehicle	<ul style="list-style-type: none"> GSA Alliant II
Contract Type	<ul style="list-style-type: none"> FFP / Cost / Hybrid (TBD)
Total Contract Duration	<ul style="list-style-type: none"> Base 1 year + 4 years
NAICS / PSC	<ul style="list-style-type: none"> 541519 <ul style="list-style-type: none"> Other Computer Related Services
Contract Value Range	<ul style="list-style-type: none"> \$70-90M
Small Business Set Aside (Y/N)	<ul style="list-style-type: none"> No
Contract Start Date	<ul style="list-style-type: none"> FY 21

SDD Platform as a Service (PaaS)



- The SDD PaaS solution objective is to provide DHA applications a next generation, flexible development and sustainment platform which provides rapid response to new requirements, reduces delivery cycles, is continuously improved, and reduces DHA support costs
- PaaS will be built upon and within the DISA-provided Capacity Services Infrastructure as a Service (IaaS) offering
- PaaS will be implemented in 3 phases:
 - Phase 1 - Installation Authorization and Transition (includes Design, Deploy, and Authorization as well as sustainment of “Status Quo” applications until transition to PaaS)
 - Phase 2 - PaaS Optimization and Improvement
 - Phase 3 – Cloud Readiness and Mobility

SDD Platform as a Service (PaaS)



- Primary task areas associated with this opportunity for vendor(s) include:
 - Platform Support
 - Platform Design and Architecture; Define PaaS Application Services and Support; Install/Implement PaaS Services; Manage PaaS Services and Capacity; Management Deployments; Manage Security; Maintain PaaS Services; Monitor and Improve the PaaS
 - Cybersecurity Support
 - Implement and maintain NIST Risk Management Framework (RMF) Security Controls; M-M-M categorization; Creation of Standard Operating Procedures (SOPs) to support security controls; Producing evidence

SDD Platform as a Service (PaaS)

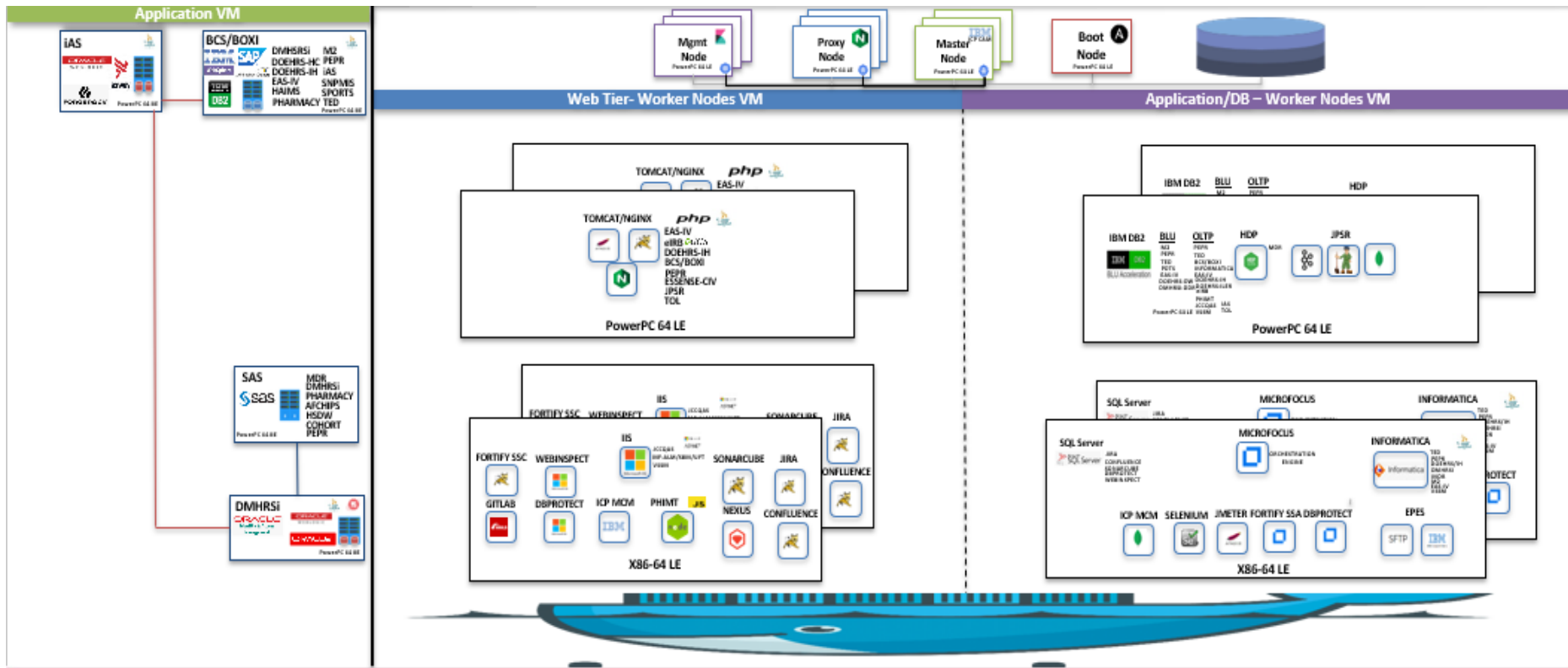


- DevOps Support
 - Discover, Plan, and Implement a tailored DevOps Toolset; Implement, Configure, Secure and Document the DevOps Toolset; DevOps Pilot; Coordinate IaaS, PaaS and SaaS Services; Orchestrate Continuous Integration/Continuous Delivery (CI/CD) and Continuous Testing/Continuous Monitoring
- Status Quo Application Support
 - Service Transition; Reliability Maintainability, and Availability (RM&A); Disaster Recovery and Coop; Contingency Ops; Change Control; Release Authorization; Service Operations
- SDD Operations Support Center (OSC)
 - ITIL-based service center supporting all entities across SDD applications and activities; Focused on providing 24x7, 365 days per year, on-site support, analysis, communication, coordination, monitoring, and reporting for all SDD systems in development and sustainment

SDD Platform as a Service (PaaS)



PaaS Notional End-State Architecture



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SDD Platform as a Service (PaaS)



The PaaS implementation will be a phased approach to include:

- Phase 1 Installation, Authorization, and Transition
 - PaaS Contract Award (Includes Status Quo Support)
 - PaaS Engineering, Design, and DISA SRF (6 mos.)
 - Provision PaaS Infrastructure (3 mos.)
 - PaaS DevOps Install & Configure (4 mos.)
 - PaaS/DevOps Authorization (ATO) (6 mos.)
 - PaaS/DevOps Installation & ATO Complete
 - Horton Data Platform Common Svc (10 mos.)
 - Common Svc Transition to PaaS (6 mos.)
 - PaaS Transition Complete – Apps Support End – PaaS Sustainment begins

SDD Platform as a Service (PaaS)



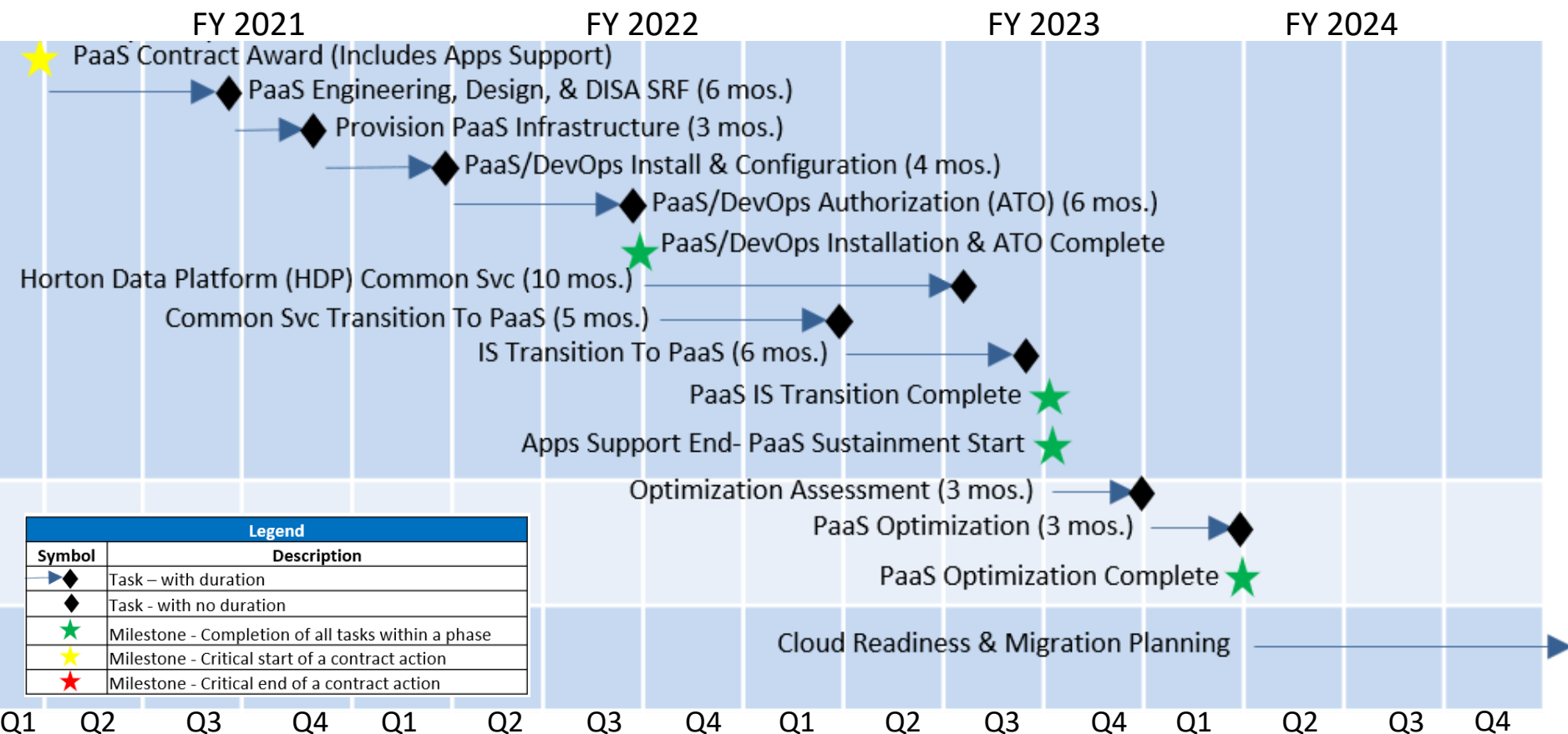
- Phase 2 PaaS Optimization
 - Optimization Assessment (3 mos.)
 - PaaS Optimization (3 mos.)
 - PaaS Optimization Complete
- Phase 3 Cloud Readiness and Mobility
 - Cloud Readiness and Migration Planning (TBD)



SDD Platform as a Service (PaaS)



PaaS Phased Approach Notional Timeline



Legend	
Symbol	Description
▶◆	Task – with duration
◆	Task - with no duration
★	Milestone - Completion of all tasks within a phase
★	Milestone - Critical start of a contract action
★	Milestone - Critical end of a contract action

“Medically Ready Force...Ready Medical Force”