Continuous Diagnostics and Mitigation (CDM)

Dynamic and Evolving Federal Enterprise Network Defense (DEFEND)

CDM DEFEND

Industry Day
May 15, 2017

Agenda

- Introductions

- Administrative Announcements

- CDM Program Overview

- CDM DEFEND Scope

- CDM DEFEND Task Areas

- Overview of Acquisition

- Questions and Answer Session

Introductions

- DHS
  - Danny Toler, Acting Assistant Secretary, Office of Cybersecurity and Communications
  - Martin Gross, Director, Network Security Deployment
  - Kevin Cox, CDM Program Manager
  - Niki Lane, CDM Acquisition and Requirements Branch Chief
  - Jim Quinn, CDM Lead Systems Engineer
- GSA
  - Jim Piché, GSA, FEDSIM Homeland Sector Director
  - Abigail Fiske, GSA, FEDSIM Group Manager
  - John Terrell, GSA, FEDSIM Contracting Officer
  - Andrew Price-Gibson, GSA, FEDSIM Contract Specialist

Administrative Announcements

- Registration sign-in sheet – be sure to sign in
- Emergency Exits and Restrooms
- Please do not record during event
- Please do not photograph speakers or audience
- Industry Day slides will be sent to attendees
- Please silence electronic devices

Administrative Announcements

- Ground Rules for Questions
  - Index Cards
    - Write name, company, and questions on cards
    - Turn in card(s) at the end of the presentation
  - Asking a question does not guarantee a response from the Government
 - A summary of all Questions and Answers will be sent to attendees

Purpose and Objective of Industry Day

- Provide a high level overview of the current status of the CDM program

- Present plans and timelines for the six DHS CDM DEFEND Task Orders to representatives of Industry

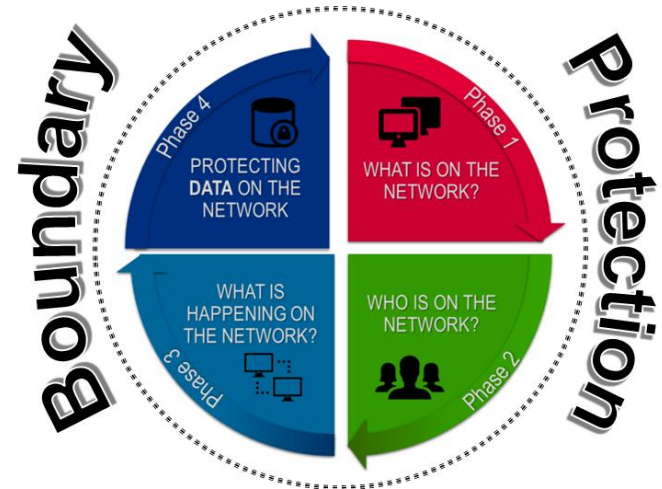- Solicit Industry comments and feedback into the TOR development process

CDM Program Overview

- Focused on securing the entire civilian .gov network by providing hardware, software, and services to Federal civilian agencies (.gov) so they can strengthen their ability to better manage and protect their information systems.

- Deploying in Phases across 70 civilian agencies including 23 Chief Financial Officer (CFO) Act agencies.
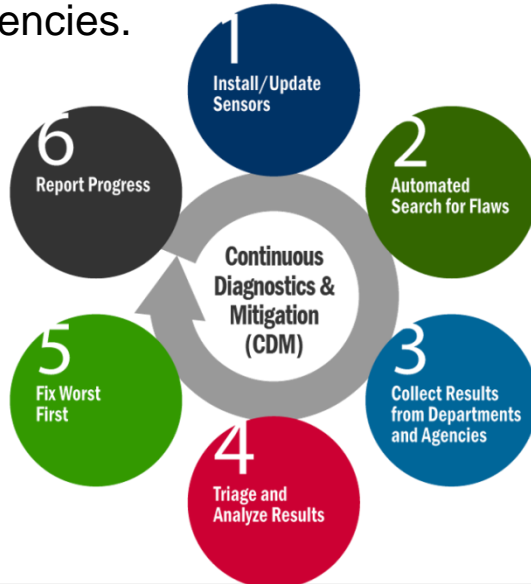
- CDM scans report to an agency-level dashboard for display and action. Aggregation from agency dashboards feed into a federal-level dashboard to assist in security oversight and reporting.

- Dashboards will also provide risk scoring reporting to network operators so they are better able to respond to the known, or most severe, issues first.

CDM Program Status

Contract	Contract Status	Deployment Status and Next Steps
Federal and Agency Dashboards	Awarded; in third year of five year period of performance.	Deploying Dashboard at each agency. In parallel, preparing deployment of Federal Dashboard to receive feeds from the agencies.
Phase 1 (Endpoint Integrity) Task Orders for Civilian CFO Act agencies	Awarded; in second year of three year period of performance.	Deploying asset management tools across the agencies. Transition to agency operations will begin in FY18.
Phase 2 (Least Privilege) Task Orders for civilian CFO Act agencies plus some non-CFO Act agencies	Awarded two contracts: Privileged User Management and Agency Credential Management. For both, in year one of two year period of performance.	Deployment underway at agencies. Transition to agency operations will occur by Q4FY18.
Phase 1 and 2 Task Order for 40+ non-CFO Act agencies	Awarded contract for shared services platform and Phase 1 and 2 tools.	Complete shared services platform in Q3FY17 and deploy tools in Q4FY17.
Phase 3 and Phase 4 Task Orders for 70 agencies	Determination made to utilize Alliant GWAC as contract vehicle	Solicitation planning is on-going.

CDM Program Successes to Date

- 75 agencies have signed MOAs with CDM PMO
  - 23 CFO Act agencies participate in CDM
  - 52 smaller agencies participate or will participate in current/future CDM Shared Services
- Key successes to date:
  - During asset discovery, discovered 44% more assets across the agencies than originally reported; in some cases, the increase was greater than 200%
  - Deploying sensors to all CFO Act agencies
  - Increased standardization of security tools and began deployment of agency dashboards to automate reporting and keep the data current
  - Achieved increased savings (~$600M) through the consolidation of tool purchases reflecting a 70% cost avoidance compared to IT Schedule 70
  - Building a CDM Shared Service Platform for non-CFO Act agencies

CDM Program Objectives for Task Orders

- Flexibility that can account for

    - Dynamic cyber environment

    - Varying timelines

    - Specific Agency needs

- Ensure delivered CDM capabilities are fully implemented at receiving Agencies

- Clear and effective communications that accurately depict status to CDM stakeholders early and often

- Achieve the most advantageous cost and price discounts

- Vendors that understand CDM and have a high degree of technical skill and certification that can produce quality technical proposals

CDM DEFEND Scope

- The full scope is inclusive of all activities that support all Phases of the CDM Program.
  - Support existing CDM Solutions at Agencies
  - Expand CDM capabilities to include CDM Phase 3 and Phase 4 functionality
  - Ability to supply a full CDM Solution to entities within an Agency that did not participate in a TO2 Series or PRIVMGMT and CREDMGMT
  - Support other Federal and CDM needs at Agencies

Task Areas

- Task 1: Program Management

- Task 2: CDM Dashboard and Solution Support

- Task 3: CDM Capability Gap Fill and CDM Expansion

- Task 4: Agency Support Services
  - CDM O&M
  - Governance
  - Training
  - CDM Asset Management
  - Integrate Agency Data and Application in CDM Solution
  - Security Accreditation
  - ISCM Strategic and CIO/CISO Programmatic Support

- Task 5: Surge Cybersecurity Critical Incident Support

FEDSIM is a Client Support Center housed within GSA, FAS, AAS

CDM DEFEND Acquisition Strategy

- Two-pronged acquisition strategy developed to replace the CDM Tools, CMaaS BPA

- Alliant GWAC (and Alliant 2 in the future) for DEFEND TO series

  - Utilizing flexible contract types

  - Longer period of performances for the task orders

  - The government will provide an estimated value for the Tools and ODC CLINs, which will allow more flexibility during project execution as vendors will not be tied to pre-award Bill of Materials (BOM)

- Approved CDM products will be listed on IT Schedule 70 CDM SIN

  - DHS will control the products on the CDM SIN list using an Approved Product List (APL)

  - APL will be continuously updated by DHS through an evaluation process

Task Order Highlights

- Contract Type: Cost Plus Award Fee
- Agencies groupings are the same as the TO2 series
- Period of Performance
  - Groups A & B - Base Year plus 5 Option Years
  - Groups C, D, E, & F - Base Year plus 6 Option Years
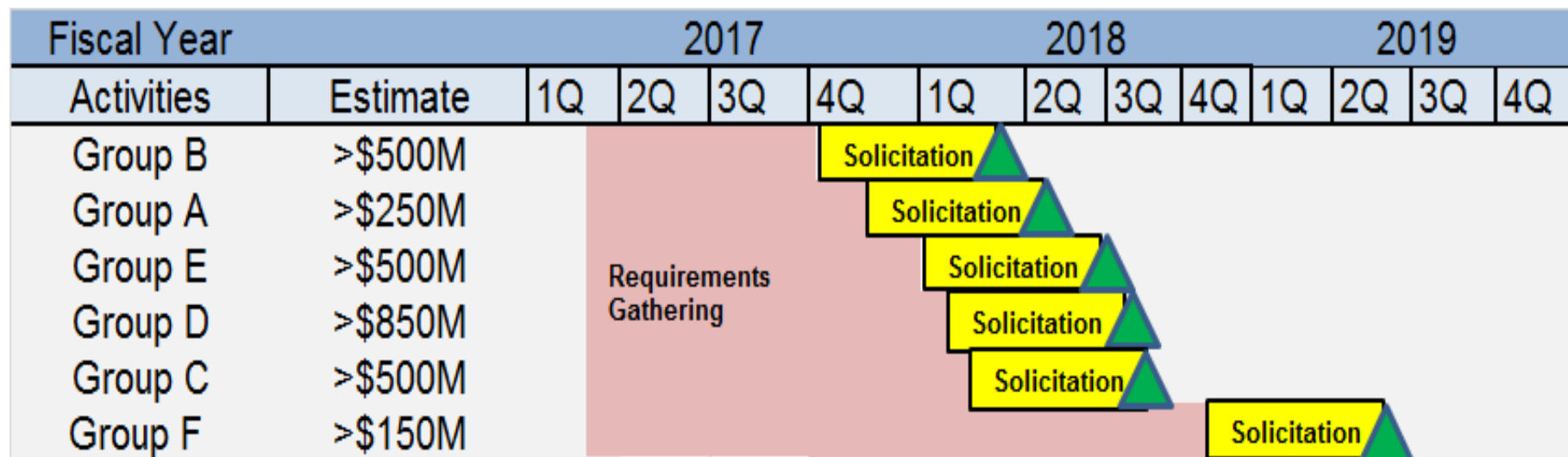- Total estimated range for all six orders: $2.75B - $3.4B

Small Business Participation

- Solicitation will contain evaluation language around small business participation

- Alliant Large Business GWAC SB and socioeconomic goals
  - Small Business (SB)
    - Small Disadvantaged Business (SDB)
    - Service Disabled Veteran Owned Small Business (SDVOSB)
    - Veteran-Owned Small Business (VOSB)
    - Woman-Owned Small Business (WOSB)
    - Historically Underutilized Business Zone Businesses (HUBZone)

- A successful proposal should seek to leverage a diverse and highly skilled team

- Post-award the Government will incentivize continued participation by the small business community through the award fee process

Acquisition Schedule

- Anticipated Agency Group Solicitation Release

Fiscal Year		2017				2018				2019			
Activities	Estimate	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Group B	>$500M		Requirements Gathering			Solicitation							
Group A	>$250M						Solicitation						
Group E	>$500M						Solicitation						
Group D	>$850M							Solicitation					
Group C	>$500M							Solicitation					
Group F	>$150M										Solicitation		

Acquisition Schedule

Event	Timeframe
Industry Day	15 May 2017
Advance Notice Release	May 2017
Due Diligence Sessions	May/June 2017
Release TOR for Group B	July 2017
Q&A on TOR Group B	Release + 5 business days
Proposal Part 1 Due Group B	August 2017
Proposal Part 2 Due Group B	Part 1 Due Date + 7 calendar days
Release TOR for Group A	August 2017
Q&A on TOR Group A	Release + 5 business days
Proposal Part 1 Due Group A	September 2017
Proposal Part 2 Due Group A	Part 1 Due Date + 7 calendar days
Release TOR for Group D & E	October 2017

Due Diligence Sessions

- Planned for May/June 2017
- Purpose
  - Enhance industry's understanding of the Government's acquisition and project objective
  - Assist the Government in improving its solicitation package and enhance competition
  - One on one sessions with the Government's IPT
  - Opportunity to discuss the released Advance Notice with the Government's technical team
  - Opportunity to discuss other acquisition questions

Proposal Process

- Four part proposal

  - Part I - Initial Cost/Price Proposal Submission that includes initial cost information (e.g. Cost Accounting Standards Disclosure Statement)

  - Part II - Remaining Cost/Price Proposal Submission that includes cost build-up/narrative

  - Part III - Written Technical Proposal that includes a Project Staffing Plan, Transition-In Plan, Quality Management Plan, Key Personnel Matrices, Corporate Experience, and Assumptions

  - Part IV - Technical Presentation and Technical Presentation Slides

- Q&A Session - In person clarification Q&A session on the offeror's technical proposal

Note: Final proposal instructions and evaluation factors will be included in final released Task Order Request

FEDSIM is a Client Support Center housed within GSA, FAS, AAS

Summary

- Implement continuous monitoring across the Federal networks
  - Approach to ensure continuous monitoring is consistent
  - Meets minimum critical requirements
- Leverages centralized acquisitions to improve the speed of procurement
- Achieve significant discounts by consolidating like Federal requirements into "buying groups."
- Common strategy for acquisition of Hardware/software
  - CDM Approved Product List / Schedule 70 CDM SIN
- Support for existing implemented CDM solutions
- Opportunity for additional Agency Components to implement the CDM solution
- Expand cybersecurity offerings of the CDM program
- Small Business and socioeconomic goals of Alliant
- Innovation to quickly integrate new technologies into CDM solution

Points of Contact

- Contracting Officer: John.Terrell@gsa.gov
- Contract Specialist: Andrew.Price-Gibson@gsa.gov

Question and Answer Session

Questions

Please Turn in Index Cards