

NRC

Development and Integration Vehicle for Applications (DIVA) [MOM FA4]

- **Customer: NRC**
- **Gate: '0'**
- **Step: Program Overview Presentation**
- **CRM: BIC1-DIVA-NRC**
- **CIT-Sector: Christopher Stahl**

Prepared on: [12/06/2022]

Client Relationships	STAHL has built a strong relationship and a good rapport with this agency in the past few years because of its stellar work and deliverables. Currently we have many-ongoing contracts with this agency. It's STAHL's relationship with this agency that is opening the door to this opportunity.	
Core Adjacency	In this opportunity, core adjacency will be achieved by identifying a list of vendors who are trusted by this agency. BiC-1 is determined to establish the relationship with CO/COR to understand the requirements and needs of the Customer by getting in front of the opportunity since the beginning at RFI stage. BiC-1 will aim to provide program support services for IPPS-A FMD to ensure mission goals and objectives are met. These efforts include deployment, support, and sustainment.	
Prime vs. Sub	GAP analysis is going to gap the 'List of Core Adjacencies' to analyze who is the best fit as a Lead. Contract size is not large so this opportunity would be best suited to 1-2 companies from our channel could be a subcontractor with BiC-1 as a Prime. Prime and Sub will be decided based on their past performance in the similar requirements..	
Prime's Differentiation	Solution needs to be developed through the GAP Analysis in Gate 2 of the STAHL process and methodology for best practices.	
Roadmap Alignment (List other opportunities with the same Agency)	1.	NRC's Enterprise Acquisition Toolset Services Maintain and provide adaptive maintenance for the level of service for the NEAT Portal. Support emerging office needs, policy changes, and tools for acquisition management.
	2.	Annual maintenance and service for all AV and VTC systems and equipment at Region I.
	3.	Document Processing Center (DPC) Support Services.

Opportunity Overview

Opportunity:	Development and Integration Vehicle for Applications (DIVA)		New/Recompete:	Recompete of MOM [FA4 contract]	CRM No. #:	BIC1-DIVA-NRC	
Acquirer Agency:	Nuclear Regulatory Commission		Incumbent:	Multiple	Solicitation No #:	NRC-HQ-10-14-E-0001	
End User Office Name (s):	NRC		Contract Vehicle:	TBD	Contract Type:	Firm Fixed Price	
Location/Place of Performance:	Rockville, Maryland		Acquisition Type:	Competitive Small Business Total Set-Aside	Acquisition Basis:	SB	
Prime Interest:	BiC-1		POP (Period of Performance): 1 year(s) base plus 2 x 1 year(s) option(s)				
Prime (P):	BiC-1	Sub:	TBD via GAP/invite	NAICS/PSC:	541519	PWin Change:	
\$\$ Value :	\$100+Mill	Prime Value:	51%	Opportunity Status:	Pre-RFP	RFI/SS/WP:	TBD
Total FTE:	TBD	Sub Value:	49%	Draft RFP:		Industry Day (if any):	
Sector (Defense/Civil) :	NRC	Channel Team Members:	TBD	Final RFP:	Q2 2023	Proposal Due:	
OPS Exec:	Thomas Graup	Account Exec. (iPMO):	Gate-0 BD	Orals:		BAFO Due:	
Capture Exec:	Chris Stahl	PDM/PM:	TBA	Award Date:	Q3/Q4 2023	Start Date:	
B&P Estimate:	Unanet T&E	Pre-PMO/BD:	Richi	Anticipated Personnel Clearance	NRC Clearance level		
COR/CO Name:	Heriberto Colon, Contracting Officer 301-415-5394 ; heriberto.colon@nrc.gov			Anticipated Facility Clearance	NRC Clearance level		

Brief Program and Scope Description: Maintenance, Operation, and Modernization Support of U.S. Nuclear Regulatory Commission Application Systems and Environment: Functional Area 4 - Legacy Modernization and New Software Application Development and M&O of Modernized Systems

Unanet Code(s): G0 220 - G0 Presentation and Oral Videos

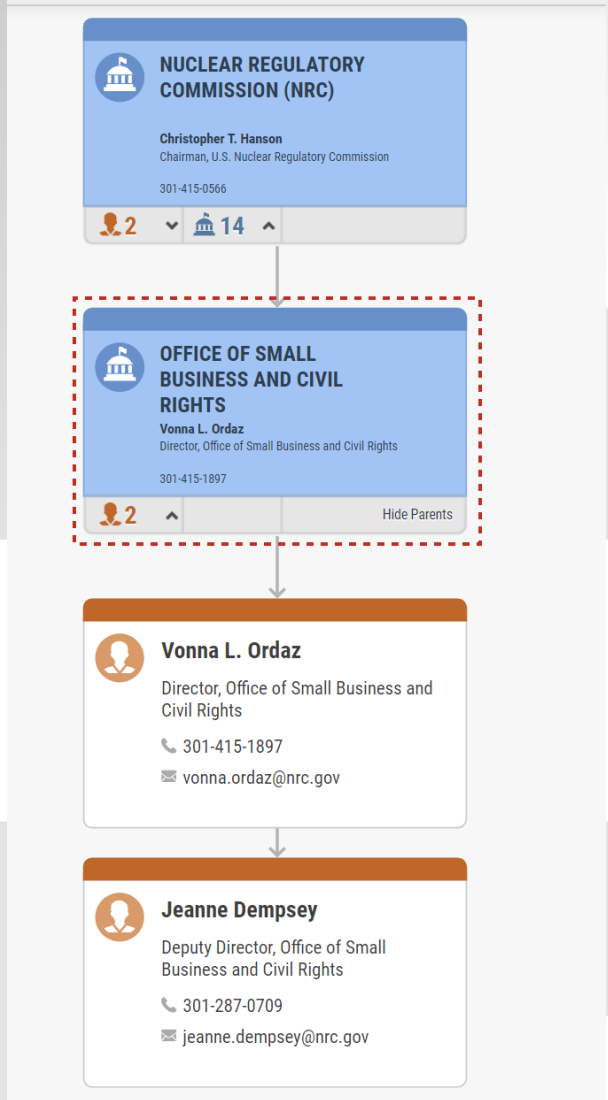
Organization Chart/Government Contacts [POCs on the effort]

Contacts

Heriberto Colon
Contracting Officer

📞 301-415-5394

✉ heriberto.colon@nrc.gov



Unanet Code(s): G1 370 - Compttve Intel-Ctct Lists Chart in Gate 1
G1 320 - Verify Agency Buyer & Vendor Ecosystem

The Nuclear Regulatory Commission has a requirement to procure continuous maintenance and operational Information Technology (IT) support services for current and future NRC automated computer systems. This acquisition will also provide modernization support services while replacing legacy technologies with secure, innovative, enterprise-wide IT solutions. This acquisition focuses on both enterprise and service level requirements for IT services. The modernization support services, and replacement of legacy technologies will help reduce maintenance and operation (M&O) costs while achieving the goals.

BACKGROUND:

The U.S. Nuclear Regulatory Commission (NRC) was created as an independent Agency by Congress in 1974 to enable the nation to safely use radioactive materials for beneficial civilian purposes while ensuring that people and the environment are protected. It regulates commercial nuclear power plants and other uses of nuclear materials, such as in nuclear medicine, through licensing, inspection, and enforcement of its requirements. The NRC's headquarters are in Rockville, Maryland, and there are a number of other offices around the United States.

The U.S. Nuclear Regulatory Commission (NRC) currently has approximately 100 computer-based application systems that require maintenance, operation, and modernization (MOM) support services. These systems are generally managed by separate NRC organizations responsible for related functional use and system operation. In addition, the NRC anticipates adding approximately three new application systems each year over the duration of this contract

Objective

The objective of this acquisition for "Maintenance, Operation, and Modernization Support of U.S. Nuclear Regulatory Commission Application Systems and Environment" is to procure continuous maintenance and operational Information Technology (IT) support services for current and future NRC automated computer systems. This acquisition will also provide modernization support services while replacing legacy technologies with secure, innovative, enterprise-wide IT solutions. This acquisition focuses on both enterprise and service level requirements for IT services.

Requirements

- FA4: Legacy Modernization and New Software Application Development (small business set-aside with potential for multiple awards)
- Coordinate, through the NRC PO, with the NRC CSO and ICOD on changes relating to security controlsFA4: Legacy Modernization and New Software Application Development (small business set-aside with potential for multiple awards)
 - This functional area will allow the NRC to modernize legacy application system
 - Ensuring the robustness, integrity, quality, consistency and/or performance of the NRC application systems
 - Providing a detailed segment portfolio modernization plan
 - Modernization activities shall include one or more of the following approaches:
 - Improving the robustness, integrity, quality, consistency, and/or performance of a system
 - Converting an application from one technology set to another (e.g. from PowerBuilder to .Net or Java)
 - Moving a system from one computer platform to another computer platform (e.g. from Windows to Linux platform)
 - Combining two or more systems into one
 - Adhere to Maintenance, Operations and Modernization Change Request Process
 - Adhere to documentation support requirements
 - Screen mock-ups
 - Usability testing
 - Coordinate, through the NRC PO, with the NRC CSO and ICOD on changes relating to security controls

FA5 [Potentially merging into FA4]: M&O of Modernized Systems (small business set-aside with potential for multiple awards):

The contractor(s) selected to provide M&O of Modernized Systems shall provide maintenance and operational support for identified NRC application systems

•Key requirements may include, but are not limited to:

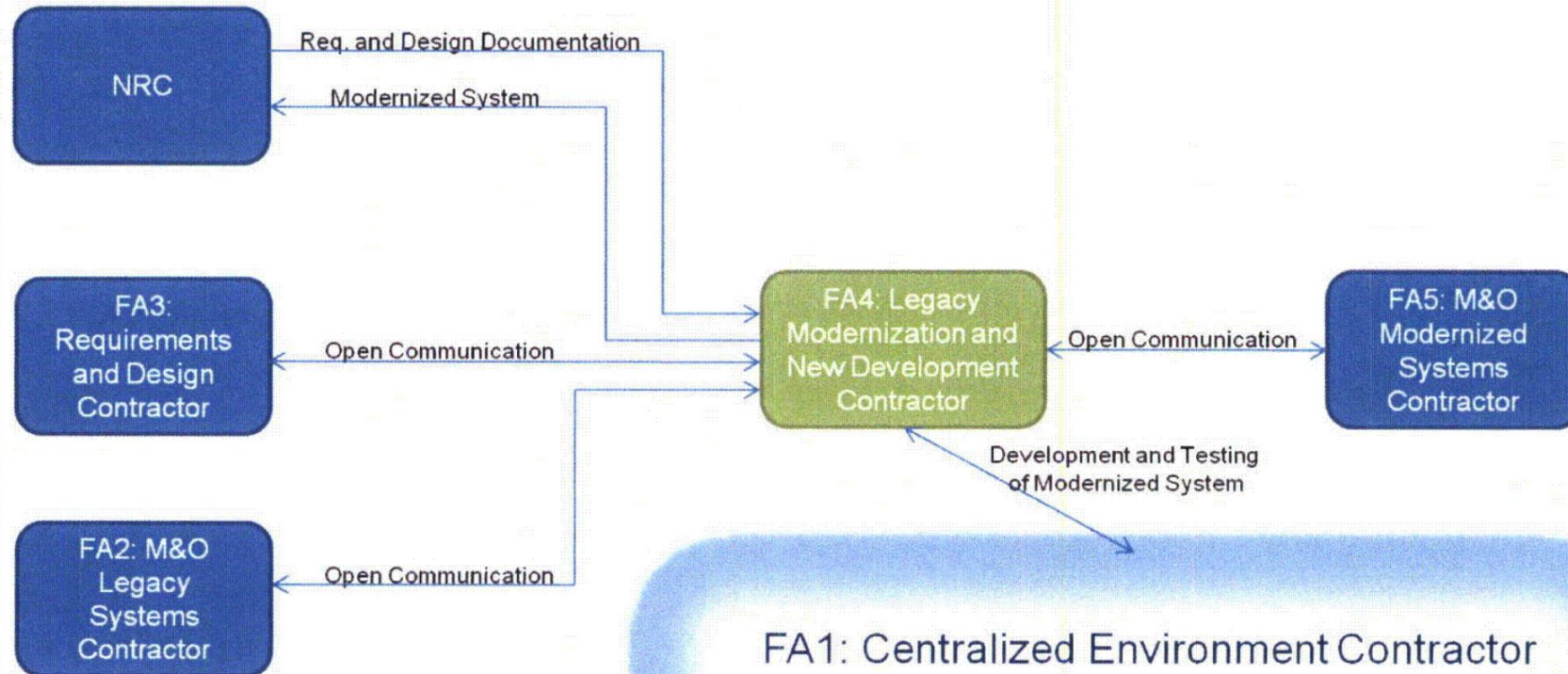
- Providing maintenance support as described in Section C.4.2 above for identified modernized NRC application systems
- Performing configuration management activities as part of all task orders under this acquisition in compliance with Appendix G
- Use the IBM Rational tools and formal CM processes to manage stable baselines and changes requests
- Performing maintenance actions using the current production baseline of the application system which is housed in Rational ClearCase or Rational Team Concert Versioned Object Base (VOBs)
- Work with FA3 contractor(s) and the FA1 contractor for any Rational tools used and ensure those tools, as directed in writing by the NRC PO, are integrated into the M&O processes

FA5 [Potentially merging into FA4]: M&O of Modernized Systems (small business set-aside with potential for multiple awards):

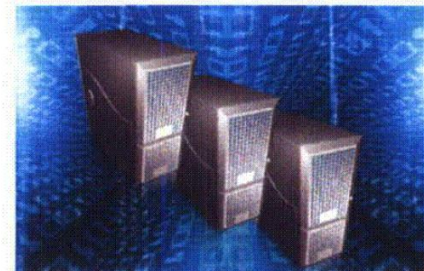
- The NRC PO or designee shall notify the contractor of maintenance requests using the Rational ClearQuest or Rational Team Concert CR system and approve the CRs that will be included in each system release. The contractor shall follow the procedures and deliverables specified in Sections C.4.4
- Updating all application system changes in the system and security documentation, including any changes that affect the security controls within the application system, prior to system deployment
- Coordinate, through the NRC PO, with the NRC CSO and ICOD on changes relating to security controls
- Implementing changes to application systems using only the specific vendor products defined in the application system baseline, unless authorization has received in writing from the NRC PO (i.e., if the application is coded in Java 1.5, only Java 1.5 will be used in the changes)
- Ensuring that the introduction of any new product to the application system is consistent with the authorized list of products (i.e., the TRM) approved by the NRC Environmental Change Control Board (ECCB) prior to implementation
- Adhere to existing (or as modified by NRC) MOM Change Request Process as defined in Section C.5.2
- Adhere to Documentation Support requirements. The NRC CCB will consist of a Parent CCB board and children CCB, which will be subordinate to the Parent CCB. Parent CCB will review documentation requirements in conjunction with segment architecture to determine documentation needs for legacy systems
- Ensure open communication and appropriate information transfer with the NRC PO and other contractors during the period of performance of this acquisition

Overview

MOM Modernization and New Development Overview



FA1: Centralized Environment Contractor



High Speed VPN Connection
for Development and Test Environment

Key Personnel/LCATS

Labor Category (Vendor Labor Category)
Senior Developer (Senior IT Specialist)
Mid-Level Developer (Analyst Programmer 3)
Junior Developer (Analyst Programmer 2)
Senior Tester (Test Engineer)
Junior Tester (Test Engineer – Intermediate)
Documentation Specialist (Technical Writer/Editor)
Entry-Level Developer (Analyst Programmer 1)
Entry-Level Tester (Test Engineer – Associate)
Principal Developer (Principle IT Specialist)

Maintenance of Modernized Systems

Objective - Implement changes to modernized systems as required to deliver minor enhancements and fixes. The key objectives are:

- a) Implement best practices for maintenance activities.
- b) Facilitate user support during and after transitional periods when moving users to a new release of the software with an increased improvement during normal operational periods.
- c) Apply cost effective approaches for providing all maintenance activities

Customer Overview - Organization

- Current/Recent
- Strong Supporter
- Moderate Supporter
- Neutral Supporter
- Dislikes
- * Personnel Change



Strong Supporter