

Summary of EMD RFI Responses and Actions

April 3, 2001

RFI Results Summary

- Summary - Contract Performance
 - IDIQ contract (I.e. task based) considered appropriate contract vehicle by industry
 - Performance metrics are appropriate but specific metrics were not suggested. [4]
 - Modify SOW to include definition of performance metrics during transition period, and each period thereafter
 - Earned Value Management of little value in maintenance environment [6]
 - Will not mandate earned value management in contract
 - Award Term contracts (I.e. ability to earn contract extensions) are not an incentive to contractors; contractors are driven by fee [7]
 - Drop further consideration of Award Term

RFI Results Summary (cont'd)

- Value Engineering (I.e. shared savings) is of interest to bidders, however, the difficulty of administration limits potential as an incentive [8]
 - Value engineering will be included as a contract clause, but with little expectation for use
- Bidders concerned that without full responsibility, including operations, it is difficult, and maybe unfair, to evaluate performance in PBC environment [10]
 - Performance metrics will be limited to areas under full contractor control
 - Subject performance assessments will be used for other areas such as operations support and customer satisfaction
- NASA Small business sub-contracting goals will not pose a problem to responders [12]

RFI Results Summary (cont'd)

- Summary - Technical Performance
 - Close proximity to GSFC required for at least ‘key’ management and technical interfaces to ensure proper communications and responsiveness to issues and actions [13]
 - Establish a response time requirement for the SOW equivalent to being within a 20 to 30 mile radius of GSFC
 - Proximity to DAACs TBD - Requirement or technical solution?
 - The required transition period was estimated at 3 to 11 months, most responders estimated 6 months [14]
 - Specify a transition period of 6 months or less

RFI Results Summary (cont'd)

- RFP needs to include additional sizing parameters in order to prepare a cost proposal [15b]
 - Formulate additional sizing parameters into sample problem (examples: # of patches, test cases, ICDs, requirements, scripts, COTS patches, ESDTs, configuration items, etc)
 - Make source code, documentation, and other data available at least 1 month prior to RFP release.
- Technology refresh should be considered on a case by case basis [16]
 - Ensure technology refresh analysis is a specific system engineering requirement in SOW

RFI Results Summary (cont'd)

- Responders favor minimum EMD documentation requirements [18]
 - Contractor proposals and plans to define additional documentation consistent with technical and management approach
- Responders support joint government/contractor priority board requirement [20]
 - Update priority board SOW description to include technology refresh
 - Government membership (e.g. DAACs) to be defined outside of contract
- Concerned about requirement to get test data directly from DAACs and Its [22]
 - Clarify SOW; government will support/mitigate as needed

RFI Results Summary (cont'd)

- Responders concerned about accepting and integrating externally developed software (i.e Operations Support Software) [24]
 - Update SOW to include evaluation of OSS components for adherence to standards, and include OSS oversight as a priority board function

RFI Results Summary (cont'd)

- Additional Comments Received
 - Cost analysis for 3 approaches
 - 1. Conventional maintenance of ECS
 - 2. Using EMD to rewrite current system (goal is to reduce SLOC to maintained)
 - 3. Use 4 separate (1 year) EMD contracts plus \$2M/yr to move to 'distributed, continuous evolution'
 - The scope and vision of the EMD is consistent with approaches 1 and 2
 - Approach 3 was considered in original contracting approach analysis

RFI Results Summary (cont'd)

- Additional Recommendations Received
 - 1. ECS Maintenance and NewDISS stakeholders need to become more cohesive in their direction
 - Outside of EMD contract
 - 2. ECS and Maintenance and NewDISS contractors need to identify specific mechanisms by which they propose to increase job satisfaction, decrease turnover, and improve recruitment of most productive programmers
 - Include as a proposal evaluation factor

RFI Results Summary (cont'd)

- 3. Contractors need to identify specific mechanism by which they propose to speed development to decrease costs.
 - Include as a proposal evaluation factor