



Independent Verification and Validation of Software Services

Pre-Solicitation Conference/
Industry Day

NASA IV&V FACILITY
July 28, 2004



Disclaimer

- In the event of any inconsistency between data provided in these charts and the final RFP, the language in the final RFP, including any amendments, will govern.



Agenda

- 8:30 – 9:00 Attendee Arrival, Sign-In, and Badging
- 9:00 – 9:15 Welcome and Introductions – Ned Keeler, IV&V Facility Director
- 9:15 – 9:45 Procurement Overview – Darlene Dorsey, Contracting Officer
- 9:45 – 10:15 IV&V in NASA – Steve Raque, SEB Chair
- Transition to a S&MA Program and other changes that have taken place
- over the last year (including separate Planning and Scoping contract) and
- those changes that remain to be implemented
- 10:15 – 10:30 Break
- 10:30 – 11:00 Transition of Contracts – Steve Raque
- The plan for transition of task orders from current OMNI contract to new
- contract with a description of contingency plans in case of schedule delays
- 11:00 – 11:30 Technical Overview – Steve Raque
- Statement of Work, Procedure IVV 09-1, Representative Task Orders
- 11:30 – 12:00 Network Operations – Rick Cavanaugh
- 12:00 – 1:30 Lunch
- 1:30 – 2:15 Government Works in Progress – Ken Costello, IV&V Senior Lead
- Standard Software Integrity Level Scheme, Criticality Analysis tool,
- IV&V Plans
- 2:15 – 2:45 Technical and Management Challenges – Steve Raque
- Reuse, Lack of Artifacts (e.g. no requirements), Slipping Projects, etc.
- 2:45 – 3:15 Break
- 3:15 – 4:00 Question and Answer – Darlene Dorsey and Steve Raque



Key Team Members

- SEB Chair: Steven Raque - Code 180
- Contracting Officer: Darlene Dorsey – Code 210



PROCUREMENT OVERVIEW

Activities to Date

- Sources Sought Synopsis released to Industry on February 18, 2004; Feedback indicated substantial interest with end to end capability determined for only one response, but clearly portions of IV&V could be performed by others
- Request for Information (RFI) on draft Statement of Work (SOW) released to Industry on May 19, 2004
- Draft Request for Proposal (RFP) posted July 14, 2004
- Draft RFP comments to be received by July 28, 2004
- Pre-solicitation Conference to be held on July 28, 2004



PROCUREMENT OVERVIEW

Web Sites

- All documents related to these procurements will be attainable through the GSFC Procurement Home Page at:
- <http://procurement.nasa.gov/cgi-bin/EPS/bizops.cgi?gr=D&pin=51>
- RFP-49826-GGU
- The IV&V bidders library is located at the following website
http://www.ivv.nasa.gov/do_business/procure/library.php
- Pre-Solicitation charts and questions/answers will be posted on the website
- Check Websites periodically for updates



PROCUREMENT OVERVIEW

GSFC's Requirement

- The IV&V procurement will provide independent verification and validation of software services. It incorporates a systems engineering process which employs rigorous methodologies for evaluating the correctness and quality of the software product throughout the software life cycle.



PROCUREMENT OVERVIEW

Procurement Background Information

- Follow-on to NAS2-96024 (Averstar/Titan Corporation incumbent)
- Full and Open Competition with 25% Subcontracting Goals
- Five-year period for issuing tasks (effective ordering period)
- NAICS Code: 541519
- Multiple Award Cost-Plus-Award-Fee (CPAF), Indefinite-Delivery, Indefinite-Quantity (IDIQ) contracts
- Task Ordering Procedures (refer to clauses H.13, H.14, and the Rate Matrix in Attachment B)



PROCUREMENT OVERVIEW

Evaluation

- Conducted in accordance with FAR 15.3/
NFS 1815.3 Source Selection Procedures
- Evaluation Factors
 - Mission Suitability (point scored)
 - Cost
 - Past Performance (adjectival rating)
- Award on initial offers is anticipated, but the Government reserves the right to hold discussions with offerors.



PROCUREMENT OVERVIEW

Mission Suitability Factor

Subfactor A	Understanding the Requirements/Technical Approach	500
Subfactor B	Management Plan	400
Subfactor C	Safety & Health	50
Subfactor D	Small Disadvantaged Business Program Participation	50
Total Points		1000



PROCUREMENT OVERVIEW

Relative Order of Importance of Evaluation Factors

- The Cost/Price Factor is significantly less important than the combined importance of the Mission Suitability Factor and the Past Performance Factor.
 - Mission Suitability+ Past Performance > Cost/Price
- As individual factors, the Mission Suitability Factor is the most important and the Past Performance Factor is more important than the Cost/Price Factor.
 - Mission Suitability > Past Performance > Cost/Price



PROCUREMENT OVERVIEW

RFP Highlights

- For purposes of this cost evaluation, offerors shall use the “not to exceed” rates proposed in Attachment B for pricing all RTOs.
- The proposed and probable hours, cost and award fee, and loaded average hourly cost of business as set forth in Exhibit 5 will be presented to the Source Selection Authority.
- Importance of cost realism



PROCUREMENT OVERVIEW

Schedule

Draft RFP Release	July 14, 2004
Final RFP Release	September 10, 2004
Proposals Due	October 12, 2004
Selection	January 28, 2005
Effective Date of Award	February 11, 2005



PROCUREMENT OVERVIEW

Miscellaneous

- Check Web sites periodically for pertinent information
- Upon release of the formal RFP, all Government personnel associated with the acquisition shall refrain from communicating with prospective offerors and refer all inquiries to the contracting officer (Darlene Dorsey)
- Offerors are not prohibited from contacting incumbent personnel but shall refrain from causing disruptions during working hours.