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**Section J**  
**Attachment 1**

**NOAA R&D HPCS Vendor Solicitation Questionnaire**  
**Demonstrated Relevant Experience**

1. Assume that NOAA has encountered an intermittent numerical reproducibility problem on a system you have delivered from a single subcontractor. From a technical and programmatic perspective, describe in detail what steps you would follow to identify, mitigate, and resolve a numerical reproducibility issue. As a part of your response, please address the following questions:

- a. How will the Government's interests be represented?
- b. What contractual remedies will be provided?
- c. What experience do you have resolving this problem or a similar one with a subcontractor?
- d. What will your role be, as the prime contractor, in resolving this problem? If you have encountered this type of problem on other contracts please reference your experience and provide a reference with phone number.

2. You have delivered a multi-vendor solution and an end-to-end data integrity issue has been identified. It is unclear if a subcontractor provided component, the facility, or the network is responsible for the problem. Describe your approach from both technical and management perspectives in addressing this problem. As part of your response, please address the following questions:

- a. How will the Government's interests be represented?
- b. What contractual remedies will be provided?
- c. What experience do you have resolving this problem or a similar one in which multiple subcontractors were involved?
- d. What will your role be, as the prime contractor, in resolving this problem?



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3. Assume that the system you delivered is comprised of multiple components from multiple vendors that involve many software components. Please address the following questions:

a. Describe your approach for managing periodic upgrades of the various software components.

b. The Department of Commerce/NOAA announces that a security patch must be applied within the next 72 hours. How would you respond to this requirement? Please describe your process in detail.

c. Two of your vendors have announced pending software upgrades separated by two months. How would you implement the upgrades?

4. The Government has just given you a statement of objectives to deliver, maintain, and operate a system in a facility that will be provided by the Government. The facility is operated and maintained by another Contractor. Describe your approach for working with the Government and the other vendor to deliver, operate and maintain the system that you deliver in this facility. As part of your response, please address how would coordinate and execute any facility modifications that your system would require.