**MaintenX RTD Response Template**

1. Company name:
2. Address:
3. POC:
4. Email:
5. Phone:
6. Provide an overview of your solution (NTE 200 words)
7. State the primary MaintenX problem statement this solution addresses.
8. Navy assets need dynamic visualization and inspection methods to “see” themselves and the world surrounding them. For example, ships need to “see” above and below the water line, inside and outside of the hull.
9. Navy Commanders need the ability to make rapid, data-driven decisions for Command, Control and Sustainment. Integrating data from various external sources and from aboard, and displaying holistic Operational Views (OVs) enables real-time situational assessment and rapid, precise shipboard decision making.
10. The Navy needs an ability to reduce the tyranny of distance for supply chains, particularly in contested environments. Forward manufacturing hubs, including additive manufacturing methods, enable greater ship readiness in theatre.
11. The Navy needs an ability to perform maintenance operations underway and in forward locations to improve ships’ materiel condition and build battle damage repair competencies.
12. What is the current Technology Readiness Level (TRL) and Manufacturing Readiness Level (MRL) of this solution?
13. Provide an overview of how and where this solution is being applied in commercial industry and/or for government? Include benefits (NTE 300 words)
14. Outline applicable environmental, health and safety requirements necessary to apply your solution aboard the Self Defense Test Ship (SDTS). (NTE 200 words)
15. Provide an overview of ancillary or support equipment/services necessary to operate your solution; e.g., power requirements, compressed air, PPE, vacuuming, air filtration, lifting devices, etc. (NTE 200 words)
16. Describe the portability of your solution, including its weight and physical dimensions. If your solution is intended to be used shipboard, please outline how your solution would be moved on and off the SDTS as well as how it would be moved within the ship—through hatchways, up and down ladders, over bulkheads, etc. (NTE 200 words)
17. Describe the manpower required to operate your solution, including the number of maintainers and requisite skill level and training requirements (NTE 200 words)
18. Discuss the set-up process and time as well as anything you can relay regarding the time necessary to execute intended solution-based process. (NTE 100 words)
19. Provide a Rough Order Magnitude (ROM) sales price for the solution you intend to demonstrate on the Self Defense Test Ship (SDTS) and any economies of scale you can project. Include cost categories and amounts that go into the ROM sales price.
    1. If a lease, seat license, or other business arrangement is more appropriate, please describe here with the projected cost per unit time.
20. Does the solution require IT equipment to be brought on board the SDTS?
    1. If so, are electronic devices required within the skin of the ship?
    2. Will the solution require wireless networks?
21. Are any unmanned operations (including group 1 UAVs) required?
22. Does the solution have security requirements/considerations?
    1. Communications Security (COMSEC)
    2. Classified document storage
23. Does the solution have hazardous material storage and disposal requirements?
24. Describe the concept of operations for testing the solution.
    1. How many days are in-port test periods?
    2. Does testing require at-sea test periods?
    3. Does the solution have ship-provided communication (internal/external) requirements (e.g., UHF, VHF, etc.) during testing?