

Technical Proposal Template

Table of Contents

Section	Page Number(s)
1. Overall Scientific and Technical Merits	
2. Potential Naval Relevance and Contribution	
3. Project Schedule and Milestones	
4. Management Approach	
5. Personnel Qualifications	
6. Attachments	

1. Overall Scientific and Technical Merits

The major portion of the proposal should consist of a clear description of the technical approach being proposed. This discussion should provide the technical foundation/justification for pursuing this approach / direction and why one could expect it to enable the objectives of the proposal to be met. This section should include the concise technical approach in its entirety.

Use the following as an outline of items to include in your submission:

1.1. Background

1.1.1. Strategic Alignment: Describe how the proposal aligns with the strategic objectives of the Navy ManTech program and its specific relevance to the “Golden Fleet” initiative.

1.1.2. Technology Maturity: Justify that the technology's maturity level is appropriate for the proposed development (6.2 vs. 6.3) and transition pathway. State the beginning and ending Technology Readiness Level (TRL).

1.2. Technical Approach

1.2.1. Technical Plan: Describe the soundness, clarity, and feasibility of the proposed technical plan and timeline.

1.2.2. Innovation: Detail the level of innovation and how effectively the plan addresses the root cause of the problem.

1.2.3. Stakeholder Involvement: Outline the degree to which key stakeholders (e.g., shipyards, program offices, end-users) are involved in the approach.

1.3. Metrics

1.3.1. Define the metrics that will be used to measure success and how state-of-the-art advancement will be measured against the current baseline.

1.3.2. Beginning and ending Technology Readiness Level (TRL) and Manufacturing Readiness Level (MRL)

Technical Proposal Template

2. Potential Naval Relevance and Contribution

This section shall detail the operational value and transition plan for the technology. Offerors must use the following sub-headings:

Use the following as an outline of items to include in your submission:

2.1. Navy Need

2.1.1. Problem Definition: Define the problem and demonstrate its direct alignment with a critical naval requirement, capability gap, or strategic priority.

2.1.2. Operational Concept: Describe the concept of operation for the new capabilities to be delivered.

2.2. Impact

2.2.1. Tangible Benefits: Describe the project's tangible benefits to affordability, quality, and manufacturability (e.g., cost reduction, schedule acceleration, or performance improvement).

2.2.2. Return on Investment (ROI): Provide a credible ROI analysis and discuss the demonstrated potential for operational performance improvements.

2.3. Implementation Potential

2.3.1. Transition Plan: Provide a feasible and clear transition plan. Identify a specific naval platform or facility, and a designated funding path for implementation, and a final project deliverable that is ready for transition.

2.3.2. Intellectual Property (IP) & Data Rights: Describe the Offeror's proposed IP and Data Rights assertions. Justify that the proposed rights (e.g., Government Purpose Rights) are sufficient to enable successful transition, scaling, and long-term sustainment within the naval industrial base without creating unacceptable vendor lock.

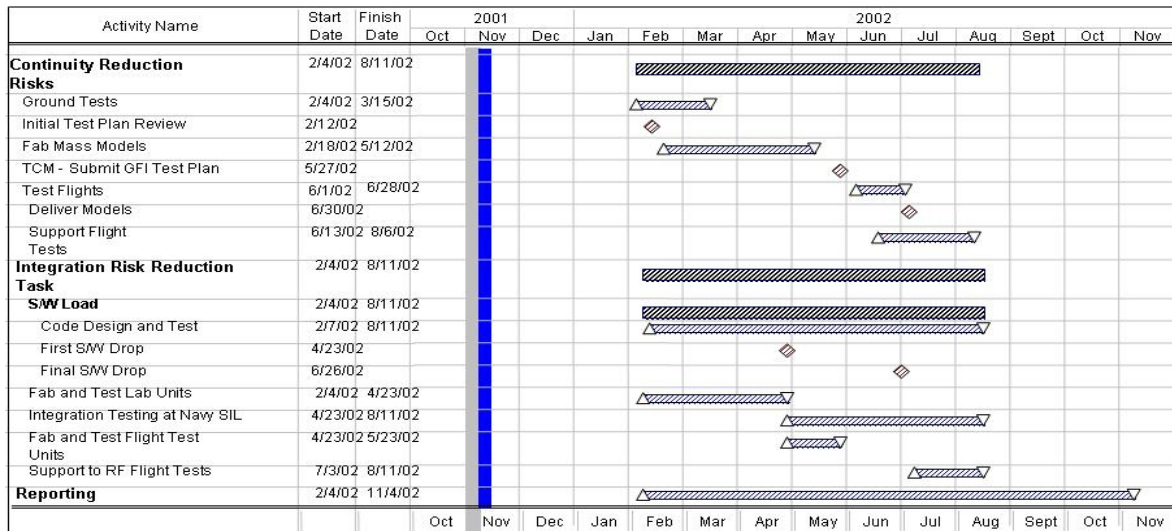
2.3.3. Operational Utility Assessment: Provide a plan for demonstrating and evaluating the operational effectiveness of the proposed products or processes in a relevant environment.

3. Project Schedule and Milestones

Attach a POA&M (by Government Fiscal Year) that sets forth planned actions and critical milestones.

Technical Proposal Template

Example – Plan of Action & Milestones (POA&M)



4. Management Approach

4.1. Organizational Background & Teaming: Provide a concise overview of the Offeror's organization, core competencies, and relevant manufacturing expertise. Briefly identify any key partners and explicitly address your teaming strategy and management approach.

4.2. Management Approach: Discuss the overall approach to managing this effort, including the total organization, use of personnel, and project control practices.

5. Personnel Qualifications

5.1. Identify and discuss the qualifications of the proposed key personnel. Include the total available hours for each key person identified and note the hours each key person will commit to the proposed effort.

5.2. Include resumes for the Principal Investigator and other key personnel and full curricula vitae for Principal Investigators and consultants. Resumes shall be attached to this document in a separate attachment and will not count toward the page limitations.

6. List of Attachments

Provide a list of all attachments to this document including resumes.