

## **CLIN 0001**

### **Technical, Programmatic and Engineering Support Services**

As noted, the Office of Naval Research's (ONR's) mission is to plan, foster, and encourage scientific research and technology development in recognition of their paramount importance as related to the maintenance of future naval power and the preservation of national security. Each of the Science and Technology (S&T) Departments within ONR has its own standard and unique requirements for Technical, Engineering and Programmatic services depending on the nature of its Program Area focus. One should go to the ONR website at [http://www.onr.navy.mil/sci\\_tech/](http://www.onr.navy.mil/sci_tech/) to understand and learn more about the various S&T Department areas of interest, the sponsored programs, and the Program objectives.

The Technical, Programmatic and Engineering services/support that is required to be provided by contractor personnel are as follows:

- 1) Provide technical and engineering support services to ONR supported programs and systems. These include providing specific engineering, software engineering, systems analysis, and operational technical assistance to support S&T disciplines. Also, requirement includes, but is not limited to, providing programmatic analyses, determining system performance specifications, identifying and resolving interface problems, developing requirements, developing work statements, determining parameters, resolving technical controversies.
- 2) Provide test/demonstration services for ONR test activities and programs. The support tasks include: test/demonstration design and development, test/demonstration coordination and execution, and test/demonstration assessment, evaluation and reporting. This requirement includes, but is not limited to, the Wargaming of various technologies to assess their potential for effective and efficient integration into the fleet.
- 3) Provide Systems Engineering and Integration (SE&I) services to ONR supported programs and systems. These services include integration support of new technologies with legacy systems and programs, support for advanced technology demonstrations and advanced concept technology demonstrations, support of initiatives through which a suite of programs will support a capability, systems transition support to operational forces, and support for planning and building prototype equipment with advanced technology capabilities for demonstration.
- 4) Assist ONR personnel in overall technical program management support on matters and issues consistent with ONR sponsored development projects, which includes, but is not limited to, the following: assisting in the program/project planning, program staff coordination, program/project/financial reviews, technology assessments, earned value management system (EVMS) analyses, data analyses, conference and seminar activities, and program-specific financial issues. Includes assistance and support with preparing and drafting analyses, presentations, testimonies, speeches, and reports relative to project

and program management goals, objectives, and results (examples: Defense Technology Area Plans (DTAP), Defense Technology Objectives (DTO's), response to Governmental inquiries, etc.).

- 5) Provide services to assist ONR in planning, executing and evaluating investment strategies and organizational resource allocations. This includes, but is not limited to, conducting engineering and programmatic assessments of ONR's investment portfolio and operations, providing evaluations and assessments of program balance and return on investments, and reviewing and assessing operational procedures.
- 6) Provide services to identify, recommend, coordinate and prepare applicable assessments, plans, strategies and opportunities for the transition of technology programs for further development and deployment in the fleet. This includes, but is not limited to, providing coordination and technical support to the Future Naval Capabilities (FNC) transitional areas of interest.
- 7) Review, identify and assess emerging requirements, technologies, capabilities, concepts, tactics of interest, and possible teaming relationships in areas related to ONR's objectives for selected technology programs.
- 8) Participate, host and/or support ONR in preliminary and critical design reviews, program and financial reviews, Governmental and industry events, and sponsored or non-sponsored key demonstrations or tests, as requested by ONR.
- 9) Facilitate dialogue and interface with key decision makers and/or their staffs (Example: Congress, OPNAV and Joint Staffs, Warfare Centers, Systems Commands, Program Executive Offices) and various technical subject matter experts. Provide and coordinate access to individuals or panels of senior technology area experts, both domestic and international, to support objectives or for analyses of S&T programs.
- 10) Develop program/project management tools that help define, observe, and assess actions that move ONR programs toward strategic goals both affordably and speedily, including the development and presentation of capability and technology roadmaps.
- 11) Provide assistance and advisory services for the purpose of evaluating proposals. Includes evaluation of alternative proposals or initiatives for technical merit, life cycle costs, transition potential and integration into program and financial objectives of ONR.
- 12) Collect, analyze, report and archive regulations, policy, guidance, legislation, laws and Congressional language related to supported programs and systems. Maintain a library of current Operational Requirement Documents, Mission Need Statements, and related material, as required.