

### A.3 Zone 3 – National Capital Zone

Zone Three				
Functional Area	Contract	Team Member	Prime/Sub	Customer
3.2, 3.11	N00178-10-D-5975/M801	CRL	Prime	SeaPort-e

Program Classification: Unclassified

**3.2 Engineering Support:** The CRL Team provides technical support to the Future Airborne Capability Environment (FACE™) effort. Tasks include near term studies and analysis, development of a concept solution, establishment of standards to support definition of FACE, and development of modeling tools or simulation techniques to demonstrate proof of concept. In addition, CRL identifies and evaluates the architectural and/or operating environment changes necessary to streamline the implementation of new avionics systems, networks and components across DoD platforms.

Primary Processes and Procedures:

In this task the CRL MS Team is responsible for the development, test, evaluation, acquisition, modification, and full life cycle program management for all cognizant mission systems projects. These systems are designed to meet emerging operational requirements in a network centric environment and are in concert with Naval Aviation Enterprise's (NAE) vision and goals for warfighting capability in the 21st Century (e.g. Sea Power 21). The MS Team is tasked with life-cycle support for all fielded mission system products and supporting PMA209 Open Architecture initiatives, such as the Future Airborne Capability Environment (FACE™) Technical Standard. This includes the procurement of spare parts, support equipment, training, and all supporting technical documentation. To that effect, the CRL Team developed and implemented a new monthly cost reporting process for PMA 209 to increase timeliness and accuracy. This new and innovative process has now been instituted as the standard throughout the Program Office.

**3.11 Quality Assurance (QA) Support:** The CRL Team performs Quality Control Inspections at the Central Kitting Activity to identify and correct material markings, packaging, and configuration discrepancies. Responsible for the correction of minor and major material discrepancies including documentation tracking, Quality Deficiency Reports (QDR), and Supply Discrepancy Reports (SDR/ROD). Quality management includes the processes required to ensure that project results will satisfy customer requirements. The CRL Team will practice the following aspects of quality management:

- Quality Planning involves identifying which quality standards (PMBOK, CMMI, ISO, etc.) are relevant to the project and its products, and determining how to satisfy them. CRL believes that quality must be planned in, not inspected in.
- Quality assurance involves evaluating the overall project processes and must be performed on a regular basis to provide confidence the project will meet or exceed the established quality standards (such as subcontractor management).
- Quality control involves monitoring specific project results and products to determine that they comply with the quality standard. Quality control utilizes methods such as sampling, inspection, control charts, Ishikawa diagrams and Pareto charts.