

**Statement of Work
Task Order 0001
Analysis/Design of Airborne S&T Platforms/Modification
Dated 03/20/2014**

1.0 Introduction

The purpose of this contract is to provide support to the NRL Military Support Division, Code 1400 to accomplish airborne-related S&T requirements.

2.0 Scope

The contractor shall support a research project involving multiple antenna and rack installations to conduct an antenna comparison onboard NP-3C aircraft.

3.0 Task Description

The contractor shall support the NRL Military Support Division's execution of a research project involving multiple antenna and rack installations by completing the following task:

3.1 The Contractor shall provide an engineering and feasibility study for project installation for government scientist that includes multiple cameras, radar, sensors and integrated workstations

3.2 The contractor shall design the following items

- Dual antenna installation in bomb bay equipment pallet(BEP)
- New electronic integration in BEP
- Multiple equipment racks
- Exterior blade antenna installation

3.3 The contractor shall provide an analysis of the following items:

- Dual antenna installation
- Equipment racks
- Blade antenna installation

4.0 Deliverables

- **Completed documentation for a PDR for the project installation, including**
 - Provide detailed drawing for all parts to be manufactured
 - Provide assembly level drawings showing interrelationship of all components and sub assemblies
 - Provide all required electrical diagrams, mechanical drawings and analyses, needed to obtain NAVAIR flight clearance release.

5.0 Delivery Date

All documents must be provided to the Government no later than 26 days after task order award.