

## **STATEMENT OF WORK FOR VTA TEMPALT Technical Data Package Development**

### **1.0 BACKGROUND**

The Sensors and SONAR Systems Department, Code 15, of the Naval Undersea Warfare Center (NUWC) Division Newport is responsible for a full spectrum of engineering and research efforts pertaining to Sensors, SONAR, Undersea Warfare and Autonomous Vehicles. Code 15 is involved in every aspect and every phase of the engineering life cycle as it applies to sensors and SONAR systems.

### **2.0 SCOPE**

The contractor is to continue development and completion of the Temporary Alteration (TEMPALT) Technical Data Packages (TDP) that allows installation of the Verification Towed Array (VTA) onto Virginia Class SSN Platforms.

#### **2.1 APPLICABLE SYSTEMS**

- 2.1.1 Acoustic and Non-Acoustic Sensors, Arrays and Transducers
- 2.1.2 Developmental Towed Arrays and Handling Systems

#### **2.2 APPLICABLE SPONSORS**

- 2.2.1 ONR

#### **2.3 APPLICABLE NUWC DIVNPT DEPARTMENTS**

This contract is applicable to the Sensors and SONAR Department, Code 15, of the Naval Undersea Warfare Center Division Newport, RI

#### **2.4 FUNDING TYPES**

Funding types to be used under this contract include RDT&E.

#### **2.5 PLACE OF PERFORMANCE**

The place of performance is the Naval Undersea Warfare Center Division Newport, RI (NUWC DIVNPT).

### 3.0 APPLICABLE DOD/MIL STANDARD SPECIFICATION DOCUMENTS

The latest version of the following government documents are provided as directives for performing the work required under this statement of work.

Index	Document Name	Applicable SOW Tasks
3.1	NAVSEA S9070-AA-MME-010/SSN/SSBN, Third Revision, Advance Change Notice 4	All Sections
3.2	NAVSEA Instruction 4720.14 Series, Temporary Alterations to Active Fleet Submarines	All Sections

### 4.0 REQUIREMENTS

The Contractor is to generate the Temporary Alteration (TEMPALT) Technical Data Package (TDP) that instructs the installation of Verification Towed Array (VTA) onto Virginia Class SSN Platforms in accordance with the Applicable Documents in Section 3.0 and using Government Furnished Information (GFI) in Section 5.0, the Contractor shall provide the following services:

#### 4.1 COMPLETION OF VTA TEMPALT TDP.

4.1.1 The contractor shall perform ship checks on Virginia platforms. The contractor shall incorporate the mechanical analyses data obtained from the ship checks into the TEMPALT.

4.1.2 The contractor shall generate the draft VTA TEMPALT TDP. The Contractor shall adjudicate comments provided by NUWC DIVNPT by updating the VTA TEMPALT TDP accordingly, based on GFI items 5.1, 5.2 and 5.3. The Contractor shall deliver the draft VTA TEMPALT TDP in accordance with CDRL A001.

4.1.3 NUWC DIVNPT will generate the forwarding letter for the TEMPALT submission to PMS 392, and the contractor shall submit the VTA TEMPALT TDP to both NUWC DIVNPT and PMS 392 in accordance with CDRL A001. PMS 392 is the approving government official for SSN TEMPALTs.

4.1.4 The Contractor shall adjudicate and respond to PMS 392 comments by updating the

VTA TEMPALT TDP accordingly, and resubmitting the VTA TEMPALT TDP in accordance with CDRL A001.

4.1.5 The Contractor shall submit a Final (approved) VTA TEMPALT TDP for acceptance by the Government in accordance with CDRL A002.

## **5.0 GOVERNMENT FURNISHED INFORMATION (GFI)**

Number	Title	Task Number(s)
5.1	NAVSEA Approvals Package	4.1.1
5.2	Drawings and Supporting Documents Package	4.1.1
5.3	NAVSEA and Planning Yard Comments via Supervisor of Shipbuilding Package	4.1.1, 4.1.4, as required