

## PERFORMANCE WORK STATEMENT

### Blanket Purchase Agreement (BPA) Teledyne-Reson Equipment Repair, Calibration, Installation 02/03/2022

#### 1. GENERAL INFORMATION

##### 1.1 Description of Services:

This is a non-personal services contract to provide manufacture supported repair and calibration of Teledyne-Reson equipment. The contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and other items to perform all services as defined in this Performance Work Statement except for those items specified as government furnished.

##### 1.2 Background:

The Jacksonville District, Operations Division, Surveying and Mapping Branch possesses government owned Teledyne-Reson echo sounders and IMUs. This equipment is classified by ULA (USACE Logistics Activity) as non-expendable, repairable property, which categorizes the equipment for TMDE under hand receipt regulations. Per TMDE (Test, Measurement, and Diagnostic Equipment) 750-1 and The Army Electrical Safety Program 386-26, echo sounders and their ancillary components require repair and calibration by either the Army TMDE laboratory or by the manufacturer. Due to the proprietary technology inherent to Teledyne-Reson echo sounders, repairs and calibration are being sought by the manufacturer or the manufacturer's official authorized service provider. In addition to fulfilling hand receipt regulations, the repairs will be used for the purposes of USACE FEM (Facility Equipment Maintenance)

##### 1.3 Objective:

The objective of this document is to develop a Blanket Purchase Agreement with an Teledyne-Reson authorized service provider.

##### 1.4 Restrictions:

1. Personal Services: The Government shall neither supervise contractor employees nor control the method by which the contractor performs the required tasks. Under no circumstances shall the Government assign tasks to, or prepare work schedules for, individual contractor employees. It shall be the responsibility of the contractor to manage its employees and to guard against any actions that are of the nature of personal services, or give the perception of personal services. If the contractor believes that any actions constitute, or are perceived to constitute personal services, it shall be the contractor's responsibility to notify the Procuring Contracting Officer (PCO) immediately.

2. Inherently Governmental: Avoidance of Performance Closely Associated with Inherently Governmental Functions. Task orders issued under this IDIQ Contract will receive special consideration to avoid inclusion of services which are considered closely associated with inherently governmental functions. Under no circumstances will this IDIQ Contract be utilized in a manner which would require the Contractor to manage another contractor, nor in manner such as where the Contractor might influence official evaluations of other contractors; neither directly nor indirectly.

3. Brooks-Act Prohibition: Under this contract, the Contractor is prohibited from performing architect-engineer type services which require a registration by state law. The Contractor is prohibited from performing architect-engineer type services, associated with the design or construction of real property (land and structures). The Contractor is prohibited from performing ancillary architect-engineer type services, which require supervision by a registered professional. The Contractor is prohibited from performing survey or mapping services associated with architect-engineer type planning, development construction, design, or alteration of real property.

1.5 Scope:

The contractor shall furnish all materials, equipment, supplies, personnel, and all other services required to perform the work outlined in this statement of work and as specifically identified in the individual task orders.

1.6 Period of Performance:

The period of performance shall be for five (5) years.

1.7 Place of Performance:

The work to be performed under this contract will be performed at within the Area of Responsibility (AOR) of the U.S. Army Corps of Engineers Jacksonville District, Navigation Business Line. The Jacksonville District's Area of Responsibility for Civil Works consists of part of the peninsular portion of the State of Florida, a small part of the State of Georgia, the Commonwealth of Puerto Rico, and the Territory of the U. S. Virgin Islands. These geographical areas are vulnerable to flooding, wind and other damage associated with tropical storms and hurricanes. It should be noted that work is predominately located with the State of Florida. Work in the State of Georgia and the Commonwealth of Puerto Rico is infrequent. Work in the Territory of the U.S. Virgin Islands is only performed in response to emergency operations associated with severe weather.

1.8 Recognized Holidays:

New Year's Day	Labor Day
Martin Luther King Jr.'s Birthday	Columbus Day
President's Day	Veteran's Day
Memorial Day	Thanksgiving Day
Juneteenth National Independence Day	Christmas Day
Independence Day	

**2. CONTRACTOR ADMINISTRATION AND MANAGEMENT**

2.1 Business Relations:

The contractor shall successfully integrate and coordinate all activity needed to execute the requirement. The contractor shall manage the timeliness, completeness, and quality of problem identification. The contractor shall provide corrective action plans, proposal submittals, timely identification of issues, and effective management of subcontractors. The contractor shall seek to ensure customer satisfaction and professional and ethical behavior of all contractor personnel.

2.2 Contractor Personnel, Disciplines, and Specialities:

2.2.1. Certificate – Teledyne-Reson Factory Trained Installer (renewed biennially)

2.2.2. Certificate – Teledyne-Reson authorized service provider for repairs (renewed biennially)

2.3 Key Personnel:

The follow personnel are considered key personnel by the government: contract manager, alternate contract manager, scheduler, Teledyne-Reson factory trained equipment installer, quality control lead, safety lead, security monitor, and invoicing officer. The contractor shall provide a contract manager who shall be responsible for the performance of the work. The name of this person and an alternate who shall act for the contractor when the manager is absent shall be designated in writing to the contracting officer. The contract manager or alternate shall

have full authority to act for the contractor on all contract matters relating to daily operation of this contract. The contract manager or alternate shall be available between 9:00 a.m. to 3:00p.m., Monday thru Friday except Federal holidays or when the government facility is closed for administrative reasons. Qualifications for all key personnel are listed below: The contract manager and the alternate contract manager shall be responsible for ensuring that work is performed in compliance with the requirements under the federal licenses, state licenses, and certifications listed in 2.2. The scheduler, quality control lead, safety lead, security monitor, and invoicing officer shall operate within the requirements as holders of the federal license, state licenses, and certifications listed in 2.2

#### 2.4 Identification of Contractor Employees:

All contract personnel attending meetings, answering Government telephones, and working in other situations where their contractor status is not obvious to third parties are required to identify themselves as such to avoid creating an impression in the minds of members of the public that they are Government officials. They must also ensure that all documents or reports produced by contractors are suitably marked as contractor products or that contractor participation is appropriately disclosed.

#### 2.5 Subcontract Management:

In order for the COR to adhere to government regulations pertaining to property sub-hand receipting for government owned property, sub-contracting will not be allowed in the (Return Merchandise Authorization) RMA repair process nor for the equipment installation process. The (Blanket Purchase Agreement) BPA holder shall be the named company in the Teledyne-Reson RMA document.

#### 2.6 Contractor Travel:

Contractor will be required to travel CONUS, the Caribbean, and within the NCR during the performance of this contract to attend meetings, conferences, and training. The contractor may be required to travel to off-site training locations and to ship training aids to these locations in support of this PWS. Contractor will be authorized travel expenses consistent with the substantive provisions of the Joint Travel Regulation (JTR) and the limitation of funds specified in this contract. All travel requires Government approval/authorization and notification to the COR. Specific travel requirements, per job, will be included in the subsequent task orders.

### **3. SECURITY**

#### 3.1 Security Requirements:

Contractor personnel performing work under this contract must have the below listed security requirements at time of the proposal submission, and must maintain the level of security required for the life of the contract.

#### 3.2 Antiterrorism/Operation Security (AT/OPSEC) Requirements:

1. AT Level I Training - All contractor employees, to include subcontractor employees, requiring access to Army installations, facilities and controlled access areas shall complete AT Level I awareness training within 30 calendar days after contract start date or effective date of incorporation of this requirement into the contract, whichever is applicable. The contractor shall submit certificates of completion for each affected contractor employee and subcontractor employee, to the COR or to the Contracting Officer, if a COR is not assigned, within 5 calendar days after completion of training by all employees and subcontractor personnel. AT Level I awareness training is available at the following website: <http://jko.jten.mil/courses/at1/launch.html>

2. Access and General Protection/Security Policy and Procedures - All contractor and all associated subcontractors employees shall comply with applicable installation, facility and area commander installation/facility access and local security policies and procedures (provided by government representative). The contractor shall also provide all information required for background checks to meet installation/facility access requirements to be accomplished by installation Provost Marshal Office, Director of Emergency Services or Security Office. Contractor workforce must comply with all personal identity verification requirements (FAR clause 52.204-9,

Personal Identity Verification of Contractor Personnel) as directed by DOD, HQDA and/or local policy. In addition to the changes otherwise authorized by the changes clause of this contract, should the Force Protection Condition (FPCON) at any installation or facility change, the Government may require changes in contractor security matters or processes.

3. Reserved

4. Suspicious Activity Reporting Training (e.g. iWATCH, CorpsWatch, or See Something, Say Something) - The contractor and all associated sub-contractors shall receive a brief/training (provided by the RA) on the local suspicious activity reporting program. This locally developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the project manager, security representative or law enforcement entity. This training shall be completed within 30 calendar days of contract award and within 30 calendar days of new employees commencing performance with the results reported to the COR NLT 5 calendar days after the completion of the training.

5. Contractor Employees Who Require Access to Government Information Systems - All contractor employees with access to a government info system must be registered in the ATCTS (Army Training Certification Tracking System) at commencement of services, and must successfully complete the DOD Information Assurance Awareness prior to access to the information systems and then annually thereafter IAW AR 380-67 (Personnel Security Program) and Homeland Security Presidential Directive 12 (Policy for a Common Identification Standard for Federal Employees and Contractors).

6. Reserved.

7. OPSEC Training - All new contractor employees will complete Level I OPSEC Training within 30 calendar days of their reporting for duty. Additionally, all contractor employees must complete annual OPSEC awareness training. The contractor shall submit certificates of completion for each affected contractor and subcontractor employee, to the COR or to the contracting officer (if a COR is not assigned), within 5 calendar days after completion of training. OPSEC awareness training is available at the following websites: <https://www.iad.gov/ioss/> or <http://www.cdse.edu/catalog/operations-security.html>

8. For Information Assurance (IA)/Information Technology (IT) Training - All contractor employees and associated sub-contractor employees must complete the DoD IA awareness training before issuance of network access and annually thereafter. All contractor employees working IA/IT functions must comply with DoD and Army training requirements in DoD 8570 01-M and AR 25-2 within six months of employment.

9. Reserved.

10. Reserved.

11. Reserved.

12. Reserved.

13. Escort Requirements: All contract employees, including subcontractor employees who are not in possession of the appropriate security clearance or access privileges, will be escorted in areas where they may be exposed to classified and/or sensitive materials and/or sensitive or restricted areas.

14. Reserved

15. Pre-screen candidates using E-Verify Program: The Contractor must pre-screen Candidates using the E-verify Program (<http://www.dhs.gov/E-Verify>) website to meet the established employment eligibility requirements. The Vendor must ensure that the Candidate has two valid forms of Government issued identification prior to ensure the correct information is entered into the E-verify system. An initial list of

verified/eligible Candidates must be provided to the COR no later than 3 business days after the initial contract award." \*When contracts are with individuals, the individuals will be required to complete a Form I-9, Employment Eligibility Verification, with the designated Government representative. This Form will be provided to the Contracting Officer and shall become part of the official contract file.

### 3.3 Physical Security:

The contractor shall be responsible for safeguarding all government equipment, information and property provided for contractor use. At the close of each work period, government facilities, equipment, and materials shall be secured.

### 3.4 Key Control:

Reserved. Contractor shall have 100% escort by USACE employee at federally owned facilities.

#### 3.4.1 Lost Keys:

Reserved.

#### 3.4.2 Keys issued to Contractor:

Reserved.

#### 3.4.3 Lock Combinations

Reserved.

## **4. QUALITY**

### 4.1 Quality Control:

The contractor shall develop and maintain an effective quality control program to ensure services are performed in accordance with this PWS. The contractor shall develop and implement procedures to identify, prevent, and ensure non-recurrence of defective services. The contractor's quality control program is the means by which he assures himself that his work complies with the requirement of the contract. The QCP is to be delivered within 30 days after contract award to the contracting officer's representative (COR). After acceptance of the quality control plan the contractor shall receive the contracting officer's acceptance in writing of any proposed change to his QC system.

### 4.2 Quality Assurance:

The government shall evaluate the contractor's performance under this contract in accordance with the Performance Requirement Summary (PRS). Additionally, the Government will use a Quality Assurance Surveillance Plan (QASP), in the inspection of the services. This plan is primarily focused on what the Government must do to ensure that the contractor has performed in accordance with the performance standards. It defines how the performance standards will be applied, the frequency of surveillance, and the minimum acceptable defect rate(s).

### 4.3 Quality Assurance Surveillance Plan (QASP):

The Government shall monitor the Contractors performance under this Task/Delivery Order in accordance with the Governments QASP.

### 4.4 Performance Requirements Summary:

The contractor service requirements are summarized into performance objectives that relate directly to mission essential items. The performance threshold briefly describes the minimum acceptable levels of service required for each requirement. These thresholds are critical to mission success.

## **5. GOVERNMENT CONTRACT ADMINISTRATION**

### **5.1 Post Award Conference/Periodic Progress Meetings:**

The Contractor agrees to attend any post award conference convened by the contracting activity or contract administration office in accordance with Federal Acquisition Regulation Subpart 42.5. The contracting officer, Contracting Officers Representative (COR), and other Government personnel, as appropriate, may meet periodically with the contractor to review the contractor's performance. At these meetings the contracting officer will apprise the contractor of how the government views the contractor's performance and the contractor will apprise the Government of problems, if any, being experienced. Appropriate action shall be taken to resolve outstanding issues. These meetings shall be at no additional cost to the government.

### **5.2 Contracting Officer Representative (COR):**

The (COR) will be identified by separate letter. The COR monitors all technical aspects of the contract and assists in contract administration. The COR is authorized to perform the following functions: assure that the Contractor performs the technical requirements of the contract; perform inspections necessary in connection with contract performance; maintain written and oral communications with the Contractor concerning technical aspects of the contract; issue written interpretations of technical requirements, including Government drawings, designs, specifications; monitor Contractor's performance and notifies both the Contracting Officer and Contractor of any deficiencies; coordinate availability of government furnished property, and provide site entry of Contractor personnel. A letter of designation issued to the COR, a copy of which is sent to the Contractor, states the responsibilities and limitations of the COR, especially with regard to changes in cost or price, estimates or changes in delivery dates. The COR is not authorized to change any of the terms and conditions of the resulting order.

### **5.3 Contractor Performance Assessment Reporting System (CPARS):**

This contract requires reporting in the Contractor Performance Assessment Reporting System (CPARS). Any task order awarded under this contract that is valued at greater than \$1,000,000.00 will also be subject to reporting in CPARS. The contractor is responsible for providing and maintaining a representative in CPARS who has the authority to review and accept performance reports on behalf of the contractor.

## **6. OTHER REQUIREMENTS AND INFORMATION**

### **6.1 Hours of Operation:**

The contractor is responsible for conducting business, between the hours of 9:00 am – 3:00 pm Monday through Friday except Federal holidays or when the Government facility is closed due to local or national emergencies, administrative closings, or similar Government directed facility closings. For other than firm fixed price contracts, the contractor will not be reimbursed when the government facility is closed for the above reasons. The Contractor must at all times maintain an adequate workforce for the uninterrupted performance of all tasks defined within this PWS when the Government facility is not closed for the above reasons. When hiring personnel, the Contractor shall keep in mind that the stability and continuity of the workforce are essential.

### **6.2 Other Direct Costs:**

Reserved.

### **6.3 Data Rights:**

The Government has unlimited rights to all documents/material produced under this contract. All documents and materials, to include the source codes of any software, produced under this contract shall be Government owned and are the property of the Government with all rights and privileges of ownership/copyright belonging exclusively to the Government. These documents and materials may not be used or sold by the contractor without written

permission from the Contracting Officer. All materials supplied to the Government shall be the sole property of the Government and may not be used for any other purpose. This right does not abrogate any other Government rights.

#### 6.4 Organizational Conflict of Interest:

Contractor and subcontractor personnel performing work under this contract may receive, have access to or participate in the development of proprietary or source selection information (e.g., cost or pricing information, budget information or analyses, specifications or work statements, etc.) or perform evaluation services which may create a current or subsequent Organizational Conflict of Interests (OCI) as defined in FAR Subpart 9.5. The Contractor shall notify the Contracting Officer immediately whenever it becomes aware that such access or participation may result in any actual or potential OCI and shall promptly submit a plan to the Contracting Officer to avoid or mitigate any such OCI. The Contractor's mitigation plan will be determined to be acceptable solely at the discretion of the Contracting Officer and in the event the Contracting Officer unilaterally determines that any such OCI cannot be satisfactorily avoided or mitigated, the Contracting Officer may effect other remedies as he or she deems necessary, including prohibiting the Contractor from participation in subsequent contracted requirements which may be affected by the OCI.

#### 6.5 Phase In/Phase Out:

Reserved.

### **7. DEFINITIONS AND ACRONYMS**

#### 7.1 Definitions:

**CONTRACTOR.** A supplier or vendor having a contract to provide specific supplies or service to the government. The term used in this contract refers to the prime.

**CONTRACTING OFFICER.** A person with authority to enter into, administer, and or terminate contracts, and make related determinations and findings on behalf of the government. Note: The only individual who can legally bind the government.

**CONTRACTING OFFICER'S REPRESENTATIVE (COR).** An employee of the U.S. Government appointed by the contracting officer to administer the contract. Such appointment shall be in writing and shall state the scope of authority and limitations. This individual has authority to provide technical direction to the Contractor as long as that direction is within the scope of the contract, does not constitute a change, and has no funding implications. This individual does NOT have authority to change the terms and conditions of the contract.

**DEFECTIVE SERVICE.** A service output that does not meet the standard of performance associated with the Performance Work Statement.

**DELIVERABLE.** All goods, out-puts, end products, services, work, work product, items, materials and property to be created, developed, produced, delivered, performed or provided by or on behalf of, or made available through, Contractor (or any agent, contractor or subcontractor of the contractor) in connection with this contract. Most deliverables take the form of a tangible product (hardware, software, data, written report, completed installation, etc.), but some can also be less tangible (meeting facilitator or custodial services).

**KEY PERSONNEL.** Contractor personnel that are evaluated in a source selection process and that may be required to be used in the performance of a contract by the Key Personnel listed in the PWS. When key personnel are used as an evaluation factor in best value procurement, an offer can be rejected if it does not have a firm commitment from the persons that are listed in the proposal.

**PHYSICAL SECURITY.** Actions that prevent the loss or damage of Government property.

**QUALITY ASSURANCE.** The government procedures to verify that services being performed by the Contractor are performed according to acceptable standards.

QUALITY ASSURANCE Surveillance plan (QASP). An organized written document specifying the surveillance methodology to be used for surveillance of contractor performance.

QUALITY CONTROL. All necessary measures taken by the Contractor to assure that the quality of an end product or service shall meet contract requirements.

SUBCONTRACTOR. One that enters into a contract with a prime contractor. The Government does not have privity of contract with the subcontractor.

WORK DAY. The number of hours per day the Contractor provides services in accordance with the contract.

WORK WEEK. Is defined as Monday through Friday, unless specified otherwise.

## 7.2 Acronyms:

ACOR	Alternate Contracting Officer's Representative
AFARS	Army Federal Acquisition Regulation Supplement
AOR	Area of Responsibility
AR	Army Regulation
BPA	Blanket Purchase Agreement
CCE	Contracting Center of Excellence
CFR	Code of Federal Regulations
CONUS	Continental United States (excludes Alaska and Hawaii)
COR	Contracting Officer Representative
COTR	Contracting Officer's Technical Representative
COTS	Commercial Off the Shelf
DA	Department of the Army
DD250	Department of Defense Form 250 (Receiving Report)
DD254	Department of Defense Contract Security Requirement List
DFARS	Defense Federal Acquisition Regulation Supplement
DMDC	Defense Manpower Data Center
DOD	Department of Defense
FAR	Federal Acquisition Regulation
HIPAA	Health Insurance Portability and Accountability Act of 1996
KO	Contracting Officer
OCI	Organizational Conflict of Interest
OCONUS	Outside Continental United States (includes Alaska and Hawaii)
ODC	Other Direct Costs
OEM	Original Equipment Manufacturer
PIPO	Phase In/Phase Out
POC	Point of Contact
PRS	Performance Requirements Summary
PWS	Performance Work Statement
RMA	Return Merchandise Authorization
QA	Quality Assurance
QAP	Quality Assurance Program
QASP	Quality Assurance Surveillance Plan
QC	Quality Control
QCP	Quality Control Program
ULA	USACE Logistics Activity

## **8. GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, SERVICES AND MATERIALS**

8.1 Property. The Government will provide the facilities and government owned equipment, including government owned Teledyne-Reson equipment.

8.2 Equipment. The Government will provide government owned Teledyne-Reson equipment and the boats they are used on.

8.3 Services. The Government will provide access to utilities, electric and water. The Contractor shall instruct employees in utilities conservation practices. The contractor shall be responsible for operating under conditions that preclude the waste of utilities, which include turning off the water faucets or valves after using the required amount to accomplish cleaning vehicles and equipment.

8.4 Materials. Reserved

## **9. CONTRACTOR REQUIREMENTS**

9.1 Contractor Furnished Items. Any item that the contractor is required to have to perform the contract.

9.2 Submittals. Safety Plan in accordance with EM384-1-1, Equipment calibration report in the format specified by the manufacturer.

9.3 Contract Requirements. Quality Control Plan, Certificate of Liability Insurance upon request by the COR.

## **10. PERFORMANCE REQUIREMENTS**

### **10.1 Basic Services:**

The contractor shall provide services for repair, calibration, and installation of government owned Teledyne-Reson equipment. Subsequent orders will be furnished per work order event.

### **10.2 Task Heading and Standards:**

Task 1: The contractor shall perform Teledyne-Reson manufacturer based diagnostics, which will produce an Teledyne-Reson RMA number.

Standard 1: The contractor shall performed Teledyne-Reson manufacturer based diagnostics, which produced an Teledyne-Reson RMA number. The RMA document included the USACE barcode number and serial number for the device. A copy of the RMA document was furnished to the COR upon request.

Task 2: The contractor shall perform repairs on the Teledyne-Reson echo sounder equipment in a manner that restores the damaged equipment to its original factory specifications using OEM parts. Repairs encompass all internal components of the MBES, multi beam echo sounder, system including the transmitter (Tx), the receiver (Rx), the piezoelectric crystals, ceramics, array, lamination surfaces, seals, sealing hardware, sonar head, sonar cables, connectors, topside unit, equipment casing, transport boxes, sound velocity profiler (svp) on the sonar head, mount, mounting gear, and other miscellaneous equipment parts.

Standard 2: The contractor performed repairs on the Teledyne-Reson echo sounder equipment in a manner that restores the damaged equipment to its original factory specifications, using OEM parts. A final parts list, including quantity, catalog part numbers, and part descriptions were provided to the COR upon request.

Task 3: The contractor shall acknowledge receipt of received government owned equipment and furnish a signed copy of the ENG 4900 form.

Standard 3: The contractor acknowledged receipt of received government owned equipment and furnished a signed copy of the ENG 4900 form to the COR.

Task 4: The contractor shall provide shipment tracking information when shipping government owned equipment.

Standard 4: The contractor provided shipment tracking information by email to the COR.

Task 5: The contractor shall perform equipment calibration in accordance with the Teledyne-Reson manufacturer standards.

Standard 5: The contractor performed equipment calibration in accordance with the Teledyne-Reson manufacturer standards, including any recent patch releases or updates. A calibration report (deliverable) was furnished to the COR.

Task 6: The contractor shall install government owned Teledyne-Reson equipment using a Teledyne-Reson trained installer. Installation shall include the use of marine industrial mounting hardware, stainless steel 316 parts.

Standard 6: The contractor installed government owned Teledyne-Reson equipment using a Teledyne-Reson trained installer. Installation included the use of marine industrial mounting hardware, stainless steel 316 parts.

Task 7: The contractor shall install lesser hydrographic system components that are considered interoperable units to the MBES, multibeam echo sounder system, in a fully functioning hydrographic surveying system. This includes SBES, single beam echo sounders, IMUs inertial measurement units, and their linkages.

Standard 7: The contractor installed other hydrographic system components that are considered interoperable units to the MBES, multibeam echo sounder system, in a fully functioning hydrographic surveying system. This includes SBES, single beam echo sounders, and IMUs inertial measurement units.

Task 8: The contractor shall perform a patch test. A patch test is a manufacturer based test that ensures proper installation and mounting of the MBES sonar head.

Standard 8: The contractor performed a patch test. A patch test is a manufacturer based test that ensures proper installation and mounting of the MBES sonar head. The patch test results were documented in the calibration report (deliverable) and furnished to the COR.

Task 9: The contractor shall perform a performance test. A performance test is a hydrographic industry accepted test that performs a check and balance test of the soundings by crossing the collected SBES data over the MBES data.

Standard 9: The contractor performed a performance test. A performance test is a hydrographic industry accepted test that performs a check and balance test of the soundings by crossing the collected SBES data over the MBES data. The performance test results were documented in the calibration report (deliverable) and furnished to the COR.

Task 10: Removal of equipment prior to welding. The contractor shall remove all hydrographic surveying equipment for the purposes of preparing the survey boat for welding, as to avoid damage to equipment from the welding principle known as "arcing".

Standard 10: The contractor removed all hydrographic surveying equipment for the purposes of preparing the survey boat for welding, as to avoid damage to equipment from the welding principle known as "arcing". A report (deliverable) was furnished to the COR that contained an itemized list of all equipment, including USACE barcode and serial number, that was removed. All equipment was cleaned, dried, and placed in foam lined transport containers.

Task 11: The contractor shall perform an overall hydrographic surveying assessment of the survey vessel, including the interoperability of the Teledyne-Reson MBES system with the data transmission equipment, including the antennas and radio equipment. This assessment includes an inspection of all electrical cords and cables. All damaged and frayed cords and cables connected to the hydrographic surveying system shall be replaced. The performance test includes a sea-trial that verified GPS lock to a government owned RTK base station.

Standard 11: The contractor performed an overall hydrographic surveying assessment of the survey vessel, including the interoperability of the Teledyne-Reson MBES system with the data transmission equipment, including the antennas and radio equipment. A report (deliverable) was furnished to the COR.

**11. REGULATIONS AND PUBLICATIONS**

The Contractor must abide by all applicable regulations, publications, manuals, and local policies and procedures.

Technical Publications: All work performed under this contract shall be in accordance with the following publications, and contractor's personnel shall be familiar with and comply with same. Publications may found at <http://140.194.76.129/publications/>.

- Corps of Engineers Manual EM 385-1-1 - Safety and Health Requirements Manual.
- Corps of Engineers, Labor Relations Manual ER 1180-1-8.
- Quality Assurance Representatives Guide EP 415-1-261, Volumes 1 through 4.
- SAD QA Manual
- The Army Electrical Safety Program 386-26
- TMDE (Test, Measurement, and Diagnostic Equipment) 750-1
- National Electric Code – NFPA 70
- USACE Hydrographic Surveying Manual EM 1110-2-1003

**12. CONTRACTOR MANPOWER AND REPORTING**

Reserved.

**13. EXHIBITS AND ATTACHMENTS**

13.1 Exhibit A – Performance Requirements Summary

13.2 Exhibit B – Deliverables

13.3 Exhibit C – Diagrams, Pictures and Special Requirement Specifications, etc.

13.4 Exhibit D – Wage Determinations

13.5 Attachment 1 - Employees in the Government workplace

13.6 Attachment 2 - Estimated Workload Data

13.7 Attachment 3 – Quality Assurance Surveillance Plan (QASP) – to be furnished as a separate document

**EXHIBIT A**

**Performance Requirements Summary**

<b>Performance Objective</b>	<b>Standard</b>	<b>Performance Threshold</b>	<b>Method of Surveillance</b>
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<p><b>PRS # 1.</b> The contractor shall perform Teledyne-Reson manufacturer based diagnostics, which will produce an Teledyne-Reson RMA numbr.</p>	<p>The contractor performed Teledyne-Reson manufacturer based diagnostics, which produced an Teledyne-Reson RMA number. The RMA document included the USACE barcode number and serial number for the device. A copy of the RMA document was furnished to the COR upon request.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
<p><b>PRS # 2</b> The contractor shall perform repairs on the Teledyne-Reson echo sounder equipment in a manner that restores the damaged equipment to its original factory specifications using OEM parts. Repairs encompass all internal components of the MBES, multi beam echo sounder, system including the transmitter (Tx), the receiver (Rx), the piezoelectric crystals, ceramics, array, lamination surfaces, seals, sealing hardware, sonar head, sonar cables, connectors, topside unit, equipment casing, transport boxes, sound velocity profiler (svp) on the sonar head, mount, mounting gear, and other miscellaneous equipment parts.</p>	<p>The contractor performed repairs on the Teledyne-Reson echo sounder equipment in a manner that restores the damaged equipment to its original factory specifications, using OEM parts. A final parts list, including quantity, catalog part numbers, and part descriptions were provided to the COR upon request.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
<p><b>PRS # 3</b> The contractor shall acknowledge receipt of received government owned equipment and furnish a signed copy of the ENG 4900 form.</p>	<p>The contractor acknowledged receipt of received government owned equipment and furnished a signed copy of the ENG 4900 form to the COR.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>

<p><b>PRS # 4</b> The contractor shall provide shipment tracking information when shipping government owned equipment.</p>	<p>The contractor provided shipment tracking information by email to the COR.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
<p><b>PRS # 5</b> The contractor shall perform equipment calibration in accordance with the Teledyne-Reson manufacturer standards.</p>	<p>The contractor performed equipment calibration in accordance with the Teledyne-Reson manufacturer standards, including any recent patch releases or updates. A calibration report (deliverable) was furnished to the COR.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
<p><b>PRS # 6</b> The contractor shall install government owned Teledyne-Reson equipment using a Teledyne-Reson trained installer. Installation shall include the use of marine industrial mounting hardware, stainless steel 316 parts.</p>	<p>The contractor installed government owned Teledyne-Reson equipment using a Teledyne-Reson trained installer. Installation included the use of marine industrial mounting hardware, stainless steel 316 parts.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
<p><b>PRS # 7</b> The contractor shall install other hydrographic system components that are considered interoperable units to the MBES, multibeam echo sounder system, in a fully functioning hydrographic surveying system. This includes SBES, single beam echo sounders, and IMUs inertial measurement units.</p>	<p>The contractor installed other hydrographic system components that are considered interoperable units to the MBES, multibeam echo sounder system, in a fully functioning hydrographic surveying system. This includes SBES, single beam echo sounders, and IMUs inertial measurement units.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>

<p><b>PRS # 8</b> The contractor shall perform a patch test. A patch test is a manufacturer based test that ensures proper installation and mounting of the MBES sonar head. The patch test results were documented in the calibration report (deliverable) and furnished to the COR.</p>	<p>The contractor performed a patch test. A patch test is a manufacturer based test that ensures proper installation and mounting of the MBES sonar head. The patch test results were documented in the calibration report (deliverable) and furnished to the COR.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
<p><b>PRS # 9</b> The contractor shall perform a performance test. A performance test is a hydrographic industry accepted test that performs a check and balance test of the soundings by crossing the collected SBES data over the MBES data.</p>	<p>The contractor performed a performance test. A performance test is a hydrographic industry accepted test that performs a check and balance test of the soundings by crossing the collected SBES data over the MBES data. The performance test results were documented in the calibration report (deliverable) and furnished to the COR.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
<p><b>PRS # 10</b> Removal of equipment prior to welding. The contractor shall remove all hydrographic surveying equipment for the purposes of preparing the survey boat for welding, as to avoid damage to equipment from the welding principle known as “arcing”.</p>	<p>The contractor removed all hydrographic surveying equipment for the purposes of preparing the survey boat for welding, as to avoid damage to equipment from the welding principle known as “arcing”. A report (deliverable) was furnished to the COR that contained an itemized list of all equipment, including USACE barcode and serial number, that was removed.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>

<p><b>PRS #11</b>  The contractor shall perform an overall hydrographic surveying assessment of the survey vessel, including the interoperability of the Teledyne-Reson MBES system with the data transmission equipment, including the antennas and radio equipment. This assessment includes an inspection of all electrical cords and cables. All damaged and frayed cords and cables connected to the hydrographic surveying system shall be replaced. The performance test includes a sea-trial that verified GPS lock to a government owned RTK base station.</p>	<p>The contractor performed an overall hydrographic surveying assessment of the survey vessel, including the interoperability of the Teledyne-Reson MBES system with the data transmission equipment, including the antennas and radio equipment. A report (deliverable) was furnished to the COR.</p>	<p>No more than one customer complaint per report.</p>	<p>Validated Customer Complaint received by COR</p>
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Surveillance methods includes the following:

Periodic Surveillance: Evaluation of samples selected on other than 100% or statistically random basis. (i.e. monthly, quarterly, semi-annually etc.)

Validated Customer Complaint: Complaints must be validated by a USACE facility manager or site safety officer.

**EXHIBIT B**

**Deliverable Schedule**

DELIVERABLE	FREQUENCY	# OF COPIES	MEDIUM/FORMAT	SUBMIT TO
Safety and health plan	Upon request from COR	1 Electronic Copy	Digital MS Word, Excel Spreadsheet	Contracting Officer's Representative
Quality Control / Work Plan	Upon request from COR	1 Electronic Copy	Digital MS Word, Excel Spreadsheet	Contracting Officer's Representative
RMA document	Upon request from COR	1 Electronic Copy	Digital MS Word, Excel Spreadsheet	Contracting Officer's Representative
Bill of Lading	Upon request from COR	1 Electronic Copy	Digital MS Word, Excel Spreadsheet	Contracting Officer's Representative

**EXHIBIT C**

**Diagrams, Pictures and Special Requirement Specifications**

**EXHIBIT D**

**Wage Determination**

**ATTACHMENT 1**

**Non-Disclosure Statement**

CONTRACTOR EMPLOYEES IN THE GOVERNMENT WORKPLACE

a. The Contractor shall ensure that any employee (including employees of subcontractors) who attends meetings, answers Government telephones, or otherwise works in a situation where the employee's actions could be construed as official Government acts, identifies himself or herself as a Contractor employee at the earliest opportunity.

b. If performance of this contract requires that Contractor employees have access to sensitive information, the Contractor may be required to sign a non-disclosure agreement similar to the following:

<b>SAMPLE NON-DISCLOSURE AGREEMENT For the United States Army Corps of Engineers (USACE)</b>	
USACE Office: Jacksonville District	
Contract Number:	
Contractor:	
Contracting Officer:	
Whereas Contractor is performing work for the USACE under the above contract, and, in connection with this contract, is being given access to information that is sensitive or related to critical financial matters as defined by the terms of the contract, Contractor agrees:	
1. That when provided information that is sensitive or related to critical financial matters, the Contractor will use reasonable care (the same being not less than that used by the Contractor to protect the Contractor's own information that is sensitive or related to critical financial matters) to protect the information against unauthorized use or disclosure.	
2. Contractor will share information that is sensitive or related to critical financial matters only with those employees, subcontractors or agents who need to know the information in order to perform the contract.	
3. Contractor will inform employees, subcontractors or agents having access to information that is sensitive or related to critical financial matters of the sensitive nature of the information.	
4. Any copies or reproductions of information that is sensitive or related to critical financial matters must include the notices of its sensitive nature that are contained in the original.	
5. Contractor, upon completion of the contract, or upon demand of the Contracting Officer, whichever is earliest, must return to the Contracting Officer any and all copies of information that is sensitive or related to critical financial matters.	
6. Contractor immediately will notify the Contracting Officer in writing if Contractor learns that one of Contractor's current or former employees, subcontractors or agents has made unauthorized use or disclosure of information that is sensitive or related to critical financial matters.	
7. Contractor agrees that the use or disclosure of information that is sensitive or related to critical financial matters in a manner inconsistent with this contract will cause irreparable harm to USACE and the Government of the United States, and that USACE has the right to take any action deemed appropriate to prevent unauthorized disclosure.	
<b>Signatures:</b>	
<b>Contractor:</b>	<b>Date:</b>
<b>Contracting Officer:</b>	<b>Date:</b>

(End of paragraph number 999.237-4000)

**ATTACHMENT 2**

**Estimated Workload Data**

<b>ITEM</b>	<b>NAME</b>	<b>ESTIMATED QUANTITY</b>	
<b>1</b>	Contract Manager	_____	10 hours/ week
<b>2</b>	Operations Manager / Deliveries	_____	10 hours/ week
<b>3</b>	Accounting / Invoicing	_____	10 hours/ week
<b>4</b>	Safety Specialist	_____	10 hours/ week
<b>5</b>	QC Specialist	_____	10 hours/ week
<b>6</b>	Teledyne-Reson factory trained installer	_____	20 hours/ year