

## TECHNICAL INSTRUCTION (NAVSEA TEMPLATE)

Ref: (a) NAVSEA 5252.242-9115 (TECHNICAL INSTRUCTIONS)  
 Enclosure (if applicable): [1]

This Technical Instruction (TI) is issued pursuant to reference (a). The TI will be effective upon incorporation into a modification. This TI is within the present scope of the contract/order and it does not change the statement of work or other terms and conditions. Nothing herein should be construed as amending the subject contract/order or as changing any contractual requirements. If the contractor believes that compliance with anything herein would constitute a change in the requirements of the subject contract/order, the contractor should not accept the TI and notify the Procuring Contracting Officer (PCO), in writing, within ten (10) working days, specify the reason(s) for such belief, and take no further action. A copy should also be sent to the COR.

**Note:** The contractor shall inform the COR, in writing, when 75% of the costs allotted to this TI have been expended. Expenditures for this TI shall not exceed the allotted amount. This TI is contingent upon the availability of funds and performance shall not commence until funding has been obligated on the contract/order.

TI No./Revision No.	TI #24			
TI Revision Issue Date (if applicable)	n/a			
Original TI Issue Date	n/a			
Purpose of Revision (if applicable)	n/a			
Contract/Task Order No.	N00178-07-D-4963 FG01			
Government Agency/Activity	NSWC Indian Head Division			
Sponsoring Office	Organization		Code	
	NSWC IHEODTECHDIV		E36	
Program/Technical Office	Name	Code	Telephone	Email Address
	Will Yeckley	E36	301-744-4298	william.yeckley@navy.mil
Contracting Officer's Representative (COR)	Name	Code	Telephone	Email Address
	Brian Anderson	106L	301-744-4688	brian.p.anderson@navy.mil
Procuring Contracting Officer (PCO)	Name	Code	Telephone	Email Address
	Edna Gigon	021	301-744-6682	edna.gigon@navy.mil
Contractor	Applied Technology, Inc.			
Contractor POC	Name	Code	Telephone	Email Address
	Bill Taczak		540-663-0050	btaczak@appliedti.com
Severability	Severable <input type="checkbox"/> Non-Severable <input checked="" type="checkbox"/>			
Special Skills Required	n/a			
Applicable SOW/PBWS Paragraph Number(s)	2.2.2			
TI Title	Joint Counter Radio-Controlled Improvised Explosive Device Electronic Warfare (JCREW) Prototype Analysis and Design			
TI Description	<p>The work performed under this Technical Instruction falls within the scope of the contract/task order: 'assist the Government in supporting mission requirements for advanced warfighter technologies, operations and missions, as well as other relevant or related US Government missions by providing analysis and planning support; developing and supporting technical definitions of user requirements; facilitating technology interchange; observing and analyzing operational environments and requirements; providing technology management and transition support; assisting with the integration, coordination and synchronization of government contractors efforts and providing program and policy support', and under task area 2.2.2 Technology Utilization Support: 'assist the Government in the evaluation of potential applications for existing</p>			

and new technologies that impact the advanced warfighter. The contractor will assist in the gathering of technical data and any relevant data that can be correlated for selected technology evaluations, and assist in assembly and evaluation of requirements from selected users. In addition, the contractor will develop, analyze and develop strategic and tactical concepts for the application and exploitation of technologies for new and emerging mission needs.

The contractor shall perform analysis and resolve display issue with prototype Remote Control Unit (RCU), analyze operation of prototype RCU to determine why display is not functional, provide engineering for hardware and software solution as necessary for functionality of RCU display. The contractor shall perform analysis and resolve Global Positioning System (GPS) issue with prototype Receiver Transmitter (R-T), analyze operation of prototype R-T to determine why GPS screen does not display correct information when using new GPS module, provide engineering for hardware and software solution as necessary to correct functionality of the R-T GPS display information.

The contractor shall provide custom software support for Qualification Testing of JCREW surrogates including engineering support for custom software to prevent battery run down simulation for use during Qualification Testing of JCREW surrogates. The contractor shall design and develop bootloader (computer program that loads an operating system or other software for the computer after completion of self-tests) for RCU and R-T, analyze operation of current bootloaders to determine data interchange protocol/format, storage locations and interface with RCU and R-T software, design and develop bootloader for RCU, and design and develop bootloader for R-T.

The contractor shall provide engineering support for JCREW surrogate production readiness, work closely with NSWCIEHODTECHDIV engineers as required resolving any issues in the RCU and R-T to support transitioning from engineering prototypes to production units, and provide engineering support for electrical test development for JCREW surrogates.

No video production is authorized under this contract/task order/technical instruction. Construction, Catering and the procurement of Information Technology (IT) is NOT authorized under this contract/task order. All services performed under this TI shall be within the scope of the contract/task order and TI. The Contractor shall NOT act as a procurement office for the customer. Only a warranted Contracting Officer has the authority to change the terms and conditions of this contract/task order.

Applicable Documents If none, insert N/A	n/a																				
Government Furnished Information (GFI), Government Furnished Equipment (GFE), Government Furnished Material (GFM); Government Furnished Facilities (GFF)	GFI: N/A GFE: N/A GFM: N/A GFF: N/A Other: N/A																				
If none, insert N/A																					
Duty Location																					
Temporary Duty/ Travel Requirements If none, insert N/A	<p>Travel Authorization (TA) requests shall be submitted to and/or authorized by the Contracting Officer's Representative (COR).</p> <p><b>CONUS</b></p> <table border="1"> <thead> <tr> <th>Trips</th> <th>People</th> <th>Duration</th> <th>From</th> <th>Destination</th> </tr> </thead> <tbody> <tr> <td>n/a</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><b>OCONUS</b></p> <table border="1"> <thead> <tr> <th>Trips</th> <th>People</th> <th>Duration</th> <th>From</th> <th>Destination</th> </tr> </thead> <tbody> <tr> <td>n/a</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Trips	People	Duration	From	Destination	n/a					Trips	People	Duration	From	Destination	n/a				
Trips	People	Duration	From	Destination																	
n/a																					
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n/a																					

Funding Information (e.g., CLIN, SLIN, ACRN)	<b>SEE SECTION G FOR FUNDING INFORMATION</b>				
	<b>LABOR</b>				
	Funding Identifier	Project/Program Name	Appropriation FY	Funded Amount	
<b>ODC</b>					
Funding Identifier	Project/Program Name	Appropriation FY	Funded Amount		
Period of Performance	FROM Date of Award		TO 1/30/2015		
Deliverable(s)	Deliverable Identifier	Description	Medium	Frequency	Due Date
		Monthly Status Report	Email	Monthly	15 <sup>th</sup> of each month
Security Classification	Secret				
Hazard and Safety Information (The checked (X) Hazard and Safety Instructions are applicable to this TI)	<input type="checkbox"/> Known Hazards: (List known hazards here) <input checked="" type="checkbox"/> No Hazard or Safety Information applicable <input type="checkbox"/> Other (Specify: _____) <input type="checkbox"/> Other (Specify: _____) <input type="checkbox"/> Other (Specify: _____)				
TI ROM Cost Estimate:	Total Hours	ODCs	Travel	Total Estimate	

This TI shall not be construed as a change to the terms or conditions of the subject contract/order.

PCO concurrence:

Kay P. Procter  
 (Signature)  
 Contracting Officer

Kay Procter  
 (print name)

6/27/14  
 (date)

ANDERSON.BRIA  
 N.P.1034221550

Digitally signed by  
 ANDERSON.BRIAN P.1034221550  
 DN: c=US, o=U.S. Government, ou=DoD,  
 ou=P33, ou=USN,  
 cn=ANDERSON.BRIAN P.1034221550  
 Date: 2014.06.11 07:40:58 -0400

(Signature)  
 Contracting Officer's Representative

Brian P. Anderson  
 (print name)

6/11/2014  
 (date)

Acknowledgement of receipt by Contractor:

WHD  
(Signature)  
Authorized Representative of Contractor

WILLIAM H. D'ELLE  
(print name)

6/27/14  
(date)

Copy to: