

**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 #19			
TI Revision Issue Date (if applicable)				
Original TI Issue Date	9/1/2014			
Purpose of Revision (if applicable)				
Contract/Task Order No.	N00178-07-D-4963-0002			
Government Agency/Activity	NSWC Dahlgren Division			
Sponsoring Office	Organization		Code	
	Directed Energy Division		Q20	
Program/Technical Office	Name	Code	Telephone	Email Address
	Dave Griffiths	Q21	540-653-9633	David.a.griffiths@navy.mil
Contracting Officer's Representative (COR)	Name	Code	Telephone	Email Address
	Arline Parker	Q20	540-284-0374	Arline.Parker@navy.mil
Procuring Contracting Officer (PCO)	Name	Code	Telephone	Email Address
	Dana Phillips	CS40	540-653-8871	Dana.Phillips@navy.mil
Contractor	Applied Technology, Inc.			
Contractor POC	Name	Code	Telephone	Email Address
	Bill Taczak		540-663-0050	btaczak@appliedti.com
Severability	Severable <input checked="" type="checkbox"/> Non-Severable <input type="checkbox"/>			
Special Skills Required	Systems Engineering, Test Plan Development, Test Plan Writing.			
Applicable SOW/PBWS Paragraph Number(s)	C.2.2.1, C.2.2.2, C.2.2.3, C.2.4.1, C.2.5.1, C.2.5.2, C.2.5.3, C.2.5.5, C.2.5.6, C.2.5.7, C.2.6.1, C.2.6.2, C.2.6.3			
TI Title	Long Range Optical Interrupter (LROI) Engineering Support.			
TI Description	<p>Contractor shall provide technical support for the Long Range Ocular Interrupter (LROI) Program. This support shall include:</p> <p>1 Provide systems engineering and concurrent requirements refinement related to the development of the LROI RDC system. This will include engineering technical documentation support for conceptual, preliminary, and prototype design. This task includes system requirements definition and functional decomposition at the operational and system level definitions.</p> <p>2 Provide System Engineering support (for) the development of 2 test and 8 production LROI systems to include evaluation of designs and data, analysis of</p>			

	<p>the Technical Data Package(.) and assistance with (delete in) the preparation of Technical Reviews and In Progress Reviews and well as Independent Working Groups.</p> <p>3 Assist in the development of system requirements documentation, supporting specifications and/or interface documentation for the LROI RDC.</p> <p>4 Develop test documentation including the TEMP and Test Plans for the Quick Reaction Assessment and Developmental Testing support setup and planning of test events.</p> <p>5 Assist with design and build of Test Apparatus for LROI developmental testing and Quick Reaction Assessment.</p>																				
<b>Applicable Documents</b> If none, insert N/A	N/A																				
<b>Government Furnished Information (GFI), Government Furnished Equipment (GFE), Government Furnished Material (GFM); Government Furnished Facilities (GFF)</b>  If none, insert N/A	GFI: N/A GFE: N/A GFM: N/A GFF: N/A Other: N/A																				
<b>Duty Location</b>	N/A																				
<b>Temporary Duty/ Travel Requirements</b>  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" data-bbox="451 1031 1425 1136"> <thead> <tr> <th>Trips</th> <th>People</th> <th>Duration</th> <th>From</th> <th>Destination</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><b>OCONUS</b></p> <table border="1" data-bbox="451 1192 1409 1255"> <thead> <tr> <th>Trips</th> <th>People</th> <th>Duration</th> <th>From</th> <th>Destination</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Trips	People	Duration	From	Destination						Trips	People	Duration	From	Destination					
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<b>Funding Information</b> (e.g., CLIN, SLIN, ACRN)	<p style="text-align: center;"><b>SEE SECTION G FOR FUNDING INFORMATION</b></p> <p style="text-align: center;"><b>LABOR</b></p> <table border="1" data-bbox="451 1388 1466 1518"> <thead> <tr> <th>Funding Identifier</th> <th>Project/Program Name</th> <th>Appropriation FY</th> <th>Appropriation Type</th> <th>Funded Amount</th> </tr> </thead> <tbody> <tr> <td>Option 2 Labor</td> <td>LROI</td> <td>FY14/ FY 15</td> <td>RDT&amp;E</td> <td>See Section G</td> </tr> </tbody> </table> <p style="text-align: center;"><b>ODC</b></p> <table border="1" data-bbox="451 1577 1466 1696"> <thead> <tr> <th>Funding Identifier</th> <th>Project/Program Name</th> <th>Appropriation FY</th> <th>Appropriation Type</th> <th></th> </tr> </thead> <tbody> <tr> <td>Option 2 ODC</td> <td>LROI</td> <td>FY14/ 15</td> <td>RDT&amp;E</td> <td>See Section G</td> </tr> </tbody> </table>	Funding Identifier	Project/Program Name	Appropriation FY	Appropriation Type	Funded Amount	Option 2 Labor	LROI	FY14/ FY 15	RDT&E	See Section G	Funding Identifier	Project/Program Name	Appropriation FY	Appropriation Type		Option 2 ODC	LROI	FY14/ 15	RDT&E	See Section G
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<b>Security Classification</b>	Unclassified to Classified Secret			
<b>Hazard and Safety Information</b> <i>(The checked (X) Hazard and Safety Instructions are applicable to this TI)</i>	<input type="checkbox"/> Known Hazards: (List known hazards here) <input type="checkbox"/> No Hazard or Safety Information applicable <input checked="" type="checkbox"/> Other (Specify: <u>Training as required for all employees working on this TI: Laser Safety Training</u> ) <input type="checkbox"/> Other (Specify: _____) <input type="checkbox"/> Other (Specify: _____)			
<b>TI ROM Cost Estimate:</b>	<b>Total Labor</b>	<b>ODCs</b>	<b>Travel</b>	<b>Total Estimate</b>
	████████	████████	████████	████████

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

**PCO concurrence:**

\_\_\_\_\_  
 (Signature) (print name) (date)  
 Contracting Officer

Digitally signed by PARKER.ARLINE.W.1241946572  
 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USN, cn=PARKER.ARLINE.W.1241946572  
 Date: 2014.08.08 12:44:12 -0400'

\_\_\_\_\_  
 (Signature) Arline W. Parker (date)  
 Contracting Officer's Representative (print name)

**Acknowledgement of receipt by Contractor:**

William J. Taczak Jr (Signature) WILLIAM J. TACZAK JR (print name) 08 AUG 14 (date)  
 Authorized Representative of Contractor

**NOTE - ALL TECHNICAL INSTRUCTIONS MUST BE CONCURRED WITH BY THE PCO PRIOR TO RELEASE.**