

**TECHNICAL INSTRUCTION (NAVSEA TEMPLATE)**

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

This Technical Instruction (TI) is issued pursuant to reference (a) from my capacity as the Contracting Officer's Representative (COR) for the contract/order identified below. This TI is issued with the understanding that implementation is within the present scope of the contract/order and that 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- 17 , Rev. 0			
TI Revision Issue Date (if applicable)				
Original TI Issue Date	22 April 2014			
Purpose of Revision (if applicable)				
Contract/Task Order No.	N00178-07-D-4963-0002			
Government Agency/Activity	NSWCDD			
Sponsoring Office	Organization		Code	
	Directed Energy Division		Q20	
Program/Technical Office	Name	Code	Telephone	Email Address
	[REDACTED]			
Contracting Officer's Representative (COR)	Name	Code	Telephone	Email Address
	[REDACTED]			
Procuring Contracting Officer (PCO)	Name	Code	Telephone	Email Address
	[REDACTED]			
Contractor	ATI			
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	HEL Lethality			
Applicable SOW/PBWS Paragraph Number(s)	C.2.6.1, C.2.6.2, C.2.6.3, C.2.6.4, C.2.6.6, C.2.7.1, C.2.7.2, C.2.7.3, <u>C.2.8.1</u>			
TI Title	HEL Lethality/M&S)			
TI Description	Provide the Solid State Laser Technology Maturation (SSL-TM) Program HEL Lethality Integrated Product Team (IPT) with HEL Lethality Testing and Laboratory Design and Configuration Support. Specific tasks include: <ol style="list-style-type: none"> <li>1. Conduct or assist in testing of individual surrogate components of interest to evaluate their vulnerability to HEL in the laboratory, before</li> </ol>			

TI No./Revision No.	TI-17, Rev. 00
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	<p>being integrated and tested in a system/sub-system environment at a later date. Some of these components will require equipment monitoring during testing.</p> <ol style="list-style-type: none"> <li>2. Coupon-level testing of specific materials in support of target vulnerability module development and to further validate the current models. Materials will be tested over a variety of conditions and parameters; this way, material data can be leveraged over multiple targets and engagement conditions. Variable test parameters include engagement angle, airflow speed, irradiance, sample preparation, etc.</li> <li>3. Assist in full test target acquisition and work up targets to prepare them for static and dynamic test events; Operation and monitoring of test components for failure during testing will be required</li> <li>4. Assist in any field tests that may be conducted involving dynamic systems or components of applicable targets</li> <li>5. Prepare test/data analysis reports as required and support technical meetings, video/teleconferences, workshops, etc. in support of the SSL Lethality IPT</li> <li>6. Assist in the establishment of the HEL Lethality test laboratory, to include mechanical, electrical, plumbing, etc. support for required laser equipment, laser support equipment, diagnostics, etc (for example, hard wiring of chillers, lasers, blowers, exhaust. Work will include purchasing the necessary equipment to complete all tasks.</li> </ol>
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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	N/A																				
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></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Trips	People	Duration	From	Destination															
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TI No./Revision No.	TI-17, Rev. 00
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	<b>OCONUS</b>				
	<b>Trips</b>	<b>People</b>	<b>Duration</b>	<b>From</b>	<b>Destination</b>
	N/A				
<b>Funding Information</b> (e.g., CLIN, SLIN, ACRN)	<b>LABOR</b>				
	<b>Funding Identifier</b>	<b>Project/Program Name</b>	<b>Appropriation FY</b>	<b>Appropriation Type</b>	<b>Funded Amount</b>
	4200	SSL TM Lethality	FY 14	RDT&E	See Section G
	<b>ODC</b>				
	<b>Funding Identifier</b>	<b>Project/Program Name</b>	<b>Appropriation FY</b>	<b>Appropriation Type</b>	<b>Funded Amount</b>
	6200	SSL TM Lethality	FY 14	RDT&E	See Section G
<b>Period of Performance</b>	<b>FROM</b>		<b>TO</b>		
	22 April 2014		14 November 2014		
<b>Deliverable(s)</b>	<b>Deliverable Identifier</b>	<b>Description</b>	<b>Medium</b>	<b>Frequency</b>	<b>Due Date</b>
	A001, A002, A003, A004	A001: Contractor's Progress, Status and Management Report;	MS Office Format, e-mail, or CD	Monthly	15 <sup>th</sup>
		A002: Presentation Material for Technical meetings and workshops;			
		A003: Program Documentation;			
		A004: Technical reports;			
<b>Security Classification</b>	Unclassified to Classified Secret				
<b>Hazard and Safety Information</b> (The checked (X) Hazard and Safety Instructions are applicable to this TI)	<input type="checkbox"/> Known Hazards: (NA ) <input type="checkbox"/> No Hazard or Safety Information applicable <input type="checkbox"/> Other (Specify: ) <input type="checkbox"/> Other (Specify: _____) <input type="checkbox"/> Other (Specify: _____)				

<b>TI ROM Cost Estimate:</b>	<b>Total Hours</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:

TI No./Revision No.	TI-XX, Rev. XX
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\_\_\_\_\_  
(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: 2014.04.21 14:47:12 -04'00'

\_\_\_\_\_  
(Signature) \_\_\_\_\_ (print name) \_\_\_\_\_ (date)  
Contracting Officer's Representative

Arline Parker

**Acknowledgement of receipt by Contractor:**

\_\_\_\_\_  
(Signature)  
Authorized Representative of Contractor

WILLIAM J. TACZAK JR \_\_\_\_\_ 21 APR 14 \_\_\_\_\_  
(print name) (date)

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

Copy to: