

**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 #32 (Continuation of TI's #17 & #26)			
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 IHEODTECHDIV			
Sponsoring Office	Organization	Code		
	NELO	SEA 00G		
Program/Technical Office	Name	Code	Telephone	Email Address
	Kathy Bongers	00G	202-781-7243	kathy.bongers1@navy.mil
Contracting Officer's Representative (COR)	Name	Code	Telephone	Email Address
	Brian Anderson	EAO10	301-744-4688	brian.p.anderson@navy.mil
Procuring Contracting Officer (PCO)	Name	Code	Telephone	Email Address
	Edna Gigon	026	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)	2.2.3 Dissemination of Transitional Technology			
TI Title	Combat Rubber Raiding Craft (CRRC) System Modifications and Refurbishment for Naval Special Warfare (NSW) Submarine Operations			
TI Description	<p>The work performed under this Technical Instruction falls within the scope of the contract/task order: Under Task Area 2.2.3 Dissemination of Transitional Technology: "The contractor will assist the Government in determining appropriate technologies for transition based on efficacy and relevancy of these technologies to warfighter needs in the operational environment. Special emphasis will be devoted to innovative application and rapid transition of technologies to support the GWOT."</p> <p>Background: The CRRC system has components that parasitically attach to the Zodiac F-470 model 03014 (Aztec model) to protect the operators from environmental conditions (sea spray, splashing and wind) during long, at sea transits. NSW deploys the inflatable</p>			

CRRC from a submerged submarine Dry Deck Shelter (DDS) allowing SEALs to conduct a number of missions. Previous efforts have effected modifications to the CRRC system Commercial-Off-the-Shelf (COTS) components to improve system operability for submarine / DDS deployment. These modifications have undergone evaluation by operators and now require minor modifications prior to conducting SDVT-1 submarine evaluation.

Produced in 2001, the CRRC Zodiac model 03014 craft require periodic refurbishment to restore them to operational reliability. The 30 MFE has been modified to reduce limiting dimensions and a conformal waterproof case has been modified (TI's #17 & #26) so that the bagged MFE fits through the smallest DDS hatch. The inflatable floorboard provides weight and volume reductions, while delivering increased craft speed. Based on results of SDVT-1 submarine evaluation, minor alterations to these COTS components will finalize the configuration for fielding.

The contractor shall:

1. Make repairs to and perform maintenance on four (4) 30Hp Multi-Fuel Outboard Engines (30 MFE) used during operator long term evaluation;
2. Configure two (2) 30 MFEs with a five inch shaft extension;
3. Fabricate six (6) conformal 30 MFE waterproof cases (with mods from SDVT-1 submarine evaluation);
4. Fabricate four (4) inflatable floorboards (with mods from SDVT-1 submarine evaluation);
5. Develop and deliver CAD model renderings of the 30MFE (outer shell only) in the submarine Quick Disconnect configuration;
6. Factory refurbish six (6) model 03014 Zodiac F-470s;
7. Convert three (3) Zodiac F-470 craft (GFE) to the model 03014;
8. Provide management oversight and technical support for submarine operations evaluations by Naval Special Warfare Group Three, Detachment Little Creek, VA (NSWG-3 Det LCVA); SEAL Delivery Vehicle Team ONE (SDVT-1) , Pearl City, HI; and West Coast 30 MFE training.

**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	Travel Authorization (TA) requests shall be submitted to and/or authorized by the Contracting Officer's Representative (COR).				
	<b>CONUS</b>				
	<b>Trips</b>	<b>People</b>	<b>Duration</b>	<b>From</b>	<b>Destination</b>
<b>OCONUS</b>					
<b>Trips</b>	<b>People</b>	<b>Duration</b>	<b>From</b>	<b>Destination</b>	
1	2	5	Washington, DC	Pearl City, HI	
<b>SEE SECTION G FOR FUNDING INFORMATION</b>					
Funding Information (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>
<b>ODC</b>					
<b>Funding Identifier</b>	<b>Project/Program Name</b>	<b>Appropriation FY</b>	<b>Appropriation Type</b>	<b>Funded Amount</b>	
Period of Performance	<b>FROM</b>		<b>TO</b>		
	Date of Award		2/8/2016		
Deliverable(s)	<b>Deliverable Identifier</b>	<b>Description</b>	<b>Medium</b>	<b>Frequency</b>	<b>Due Date</b>
		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:	<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:

Kay V Proctor  
(Signature)  
Contracting Officer

KAY V Proctor      5/7/15  
(print name)      (date)

ANDERSON.BRIA  
N.P.1034221550

Digitally signed by  
ANDERSON.BRIA.N.P.1034221550  
DN: cn=US, o=U.S. Government,  
ou=DoD, ou=PKI, ou=USN,  
cn=ANDERSON.BRIA.N.P.1034221550  
Date: 2015.04.30 09:01:17 -0400

(Signature)  
Contracting Officer's Representative

Brian P. Anderson      4/30/2015  
(print name)      (date)

Acknowledgement of receipt by Contractor:

William J. Taczak Jr.  
(Signature)  
Authorized Representative of Contractor

WILLIAM J. TACZAK JR.  
(print name)

08 MAY 15  
(date)

Copy to: