

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	2
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 28-Sep-2004	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY NAVAL SURFACE WARFARE CENTER R. BRETT (812-854-5269) BLDG. 64 300 HIGHWAY 361 CRANE IN 47522-5001	CODE N00164	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. N00164-04-R-6942	
			X	9B. DATED (SEE ITEM 11) 21-Sep-2004	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE		11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) This amendment is issued to extend the closing date of this solicitation to 2:00 PM EST 20 October 2004. Also, a specification for the slippable that was identified in the description of CLIN 0001 as being part of the vibration test system is provided as an attachment to this amendment. Another amendment will be issued on or about 6 October 2004 with specification for the controller that was also identified in the description of CLIN 0001 as being a component of the vibration test system.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____		16C. DATE SIGNED 28-Sep-2004	
		(Signature of Contracting Officer)			

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

SLIPTABLE SPECIFICATION**OPTIONAL COMBINED SLIP TABLE AND SHAKER BASE**

- 1.1 Shaker and slip table to be mounted on a combined steel base. The shaker must be permanently aligned at the vendor factory. No on-site adjustments or modifications shall be required.
- 1.2 The slip plate shall have a 36" x 36" working area with a 4" x 4" grid of 1/2 - 13 mounting holes. In addition the armature hole pattern shall also be provided in the mounting surface. Whenever interference with the 4" x 4" grid occurs, the 4" grid shall prevail. Slip plate shall be Magnesium AZ31, 1 1/2 inch thick. All threaded inserts in the plate shall be stainless Taplock design.
- 1.3 Slip plate shall be supported on a natural granite-bearing surface, ground flat $\pm .0005"$. Artificial Granite is not acceptable due to its uneven surface and ease of wear and delamination.
- 1.4 Hydraulic bearings shall be provided. These shall be positioned near the corners of the plate and shall provide additional lateral and vertical restraint.
- 1.5 Oil distribution between plate and granite shall be through the granite. Oil hoses connected to the slip plate are not acceptable because of fatigue and susceptibility to damage. Oil must be introduced at least four points under the plate.
- 1.6 Each oil distribution point shall be supplied with an independent constant volume, variable pressure oil source to ensure equal distribution of oil, independent of loading.
- 1.7 Shaker shall be isolated from the base at the rotation axis both in the vertical direction and the horizontal direction. When operating vertically, the isolation resonance shall be < 3.5 Hz. Horizontally it shall be < 2 Hz.
- 1.8 To change from vertical to horizontal operation, it shall only be necessary to attach the driver bar to the armature and rotate the shaker 90°. The driver bar shall automatically align with the slip plate. No further adjustments to the driver bar or additional rotations of the shaker shall be required.
- 1.9 The driver bar shall be magnesium and attach to the armature with a minimum of 17 bolts in the vertical and horizontal plane combined. All bolt head surfaces must include a press fit steel washer.
- 1.10 Provisions to allow for 180° rotation of the shaker, between the slip plate and an external journal bearing shall be provided. The shaker must also rotate to an "upside down" position, and be fully operational in this position. One person without risk of injury or excessive physical exertions shall accomplish rotation.
- 1.11 In the "upside down" position, the distance between the top of the armature (mounting surface) and the floor must be such that a 14" high test fixture can be mounted and tested. Desired clearance is 18 inches.

(End of Summary of Changes)