

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 30 August 1999	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY CONTRACTING OFFICER NAVAL RESEARCH LABORATORY ATTN: CODE 3230.LS WASHINGTON DC 20375-5326		CODE N00173	7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, State and ZIP Code) TO ALL OFFERORS			<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. N00173-99-R-LS06	9B. DATED (SEE ITEM 11) 09 August 1999	
			10A. MODIFICATION OF CONTRACT/ORDER NO.		
			10B. DATED (SEE ITEM 13)		
CODE	FACILITY CODE				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers tended. is extended, is not extended.

Offers 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 2 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 is not, 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.)

SEE PAGE TWO

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)	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED

The purpose of this amendment is to revise Section B of the Solicitation and to amend the specifications.

1. Section B, CLIN 0001 is hereby revised as follows:

0001	The Contractor shall provide Rectangular infrared glass windows in accordance with Section C.				
0001AA	The Contractor shall provide Rectangular infrared glass windows (approx. 13" x 7.2" x 1/2") in accordance with Section C.	8	EA	\$	\$
0001AB	Non-Recurring Engineering	1	LO	\$	\$

2. Paragraph 1 on Page 2 of the Specifications is hereby revised to read as follows:

The final windows must be polished to the precise size slabs with parallel surfaces as per the drawings. The surface finish must be better than a scratch/dig of 80/50 and the flatness must be better than $\lambda/10$ at a wavelength of 632.8 nm over any 7" diameter aperture area. The maximum allowed deviation from parallelism over the entire length of the window is 30 arc seconds for the 18" x 13" x 5/8" elliptical and 20" diameter x 3/4" round windows and 10 arc seconds for the 13" x 7.2" x 1/2" and 13" x 10" x 1/2" window panes. The 13" x 7.2" x 1/2" and 13" x 10" x 1/2" window panes will eventually be joined along the 13" edges in the order of 13" x 7.2" x 1/2" connected to 13" x 10" x 1/2" connected to 13" x 10" x 1/2" and 13" x 7.2" x 1/2". The algebraic difference of the optical deviation, both normal to and parallel to the joint between two adjacent window panes utilizing these window panes must not exceed 1 arc second. The final polished window must be coated with a broad band AR coating covering the entire 0.5-5.0 μm wavelength region. The wavelength regions of interest where the reflection losses are to be optimized are 0.4-0.9 μm and 3.0-5.0 μm . The reflection losses after AR coating must be less than 3.5% per face in the 0.4-0.9 μm wavelength region and less than 1.5% per surface in the 3.0 – 5.0 μm wavelength region. The coating material must be very hard and durable and the coatings must hermetically cover the surface of the glass window.

3. All other terms and conditions remain unchanged.