

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 06 January 2000	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)  <b>TO ALL OFFERORS</b>	<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.  N00173-00-R-LS01
	<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11)  15 December 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  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 x 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.**

<input checked="" type="checkbox"/> 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 answer questions, change Attachment Number (2) - Anticipated Work Breakdown Schedule and Attachment Number (3) – Personnel Qualifications.

1. Attachment Number (2) – Anticipated Work Breakdown Schedule of the solicitation is hereby deleted in its entirety and replaced with the Anticipated Work Breakdown Schedule attached hereto.

2. Attachment Number (3) - Personnel Qualifications of the solicitation is hereby revised as follows:

***ADD to the top of page 1 of Attachment Number (3) – Personnel Qualifications:***

Definition of Experience Levels

Level 1	0-2 Years Experience
Level 2	2-5 Years Experience
Level 3	5-10 Years Experience
Level 4	10-15 Years Experience
Level 5	15+ Years Experience

3. The following question was submitted as a result of the solicitation:

***Question:*** Per Section M of the RFP, Personnel Qualifications are the most significant evaluation factor. As such, is it to be assumed that resumes are required for all personnel proposed on this program?

***Answer:*** The government does not intend to restrict the format of the contractor's proposal. Offerors should use their own judgement in determining the type of information and format of such information that would best meet the government's requirements allowing the government to evaluate each proposal in accordance with Section M of the solicitation.

4. All other terms and conditions remain unchanged.

**ANTICIPATED WORK BREAKDOWN SCHEDULE**

<u>LABOR CATEGORY</u>	<u>HOURS/YEAR</u>
<b>Program Control</b>	
Program Manager	1,900
Subcontract Monitor	950
<b>Program Status &amp; Reporting – As Required</b>	
Buyer	1,900
Courier	950
<b>Transition Plan – As Required</b>	
<b>Program Support Services</b>	
Project Coordinator	3,800
Project Coordinator	1,900
Technical Writer/Editor	1,900
Clerical	3,800
<b>Systems Engineering</b>	
Concept & Design	
Aerospace Engineer	1,900
Mechanical Engineer	1,900
Trade Studies	
Mechanical Engineer	1,900
Requirements Definition	
Scientist	3,800
Launch Ops Support	
Mechanical Engineer	1,900
Project Coordinator	1,900
<b>Mechanical System Design, Analysis &amp; Test</b>	
Structure Design & Drafting	
Mechanical Designer	5,700
Mechanical Designer	5,700
Design Drafter	1,900
Design Illustrator	1,900
Document Administration	1,900
Attitude Determination Control	
Controls Engineer	1,900

Thermal Control Systems	
Mechanical Engineer	1,900
Mechanical Technician	3,800
Reaction Control Systems	
Mechanical Technician	1,900
<b>Spacecraft Testing</b>	
Vibration Testing	
Mechanical Engineer	3,800
Mechanical Technician	1,900
Thermal Vacuum Testing	
Mechanical Technician	1,900
<b>Manufacturing</b>	
Fabrication & Manufacturing Planning	
Planner/Estimator	1,900
Fabrication Assembly & Ground Proc.	
Assembly Technician	1,900
Assembly Technician	3,800
Assembly Technician	1,900
Quality Assurance (QA)	
QA Specialist	5,700
QA Specialist	1,900
QA Specialist	1,900
Parts & Materials Support	
Logistics Specialist	1,900
<b>Facilities &amp; Logistics</b>	
Computer Software & Hardware Support	
Work Station Manager	1,900
Systems Programmer	1,900
Computer Technical Specialist	3,800
Computer Technical Specialist	1,900
Transportation Support	
Facility Technician	1,900
Heavy Equipment Operations & Maintenance	
Facility Technician	1,900
Welding Equipment Operations & Maintenance	
Mechanical Technician	

Off-site Facility – If Required	
Logistics Specialist	1,900
Logistics Specialist	1,900
<b>New Technology Development</b>	
Concept Development	
Scientist	5,700
Design Fabrication & Test	
Mechanical Engineer	3,800
Mechanical Technical	1,900
Market Investigation & Development	
Aerospace Engineer	1,900
<b>TOTAL ANTICIPATED LEVEL OF EFFORT/YEAR</b>	<b>119,700</b>