

2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 03/06/07	4. REQUISITION/PURCHASE REQ. NO. 81-0600-07	5. PROJECT NO. (If applicable)
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6. ISSUED BY Naval Research Laboratory 4555 Overlook Ave, SW Washington, DC 20375-5320	CODE N00173	7. ADMINISTERED BY (If other than Item 6) CODE
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) TO ALL OFFERORS	(X)	9A. AMENDMENT OF SOLICITATION NO. N00173-07-R-KS01
		9B. DATED (SEE ITEM 11) 02/09/07
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 11)
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 1 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 your 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 ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	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 ATTACHED

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 (Signature of Contracting Officer)	16C. DATE SIGNED

The purpose of this amendment is to provide answers to questions from prospective vendors.

1. Will hand tools be available for work to be performed at the Pomonkey Facility? There are basic hand-tools (e.g. hammer, screwdriver, power drill, etc.) located at the antennas.
2. Is there an incumbent contractor? If so who is it? Yes; HS Allison.
3. Please make available a copy of the Specification DSIF-1007 referred to in Attachment Number 2. A current copy is not available from NRL at this time. Please contact the appropriate office at JPL for a recent edition of this specification. For reference, this is a standard specification for the manufacturing of waveguide utilized in the Deep Space Network (DSN).
4. In the event the contractor is tasked to ship equipment from a supplier to the NRL in which CLIN are the costs to be proposed? This would apply to CLIN 0002.
5. In which CLIN are travel expenses to be included? About 99% of the work is completed at Pomonkey, and there is some at NRL. There are multiple mobile units that go out from time to time, but it has not been an issue in the past. Because travel is dependent upon each specific job, it is not addressed in the solicitation at this time. If it were to become an issue at a time in the future, there would be a modification to the contract, and standard per diem rates would apply.
6. Is there a security requirement applicable to this implementation? No.
7. What types of people are you looking for? We require people who can think for themselves. We give them a general guidance for the work required and time constraints, but they have to do the work. They should be self-motivated to solve the problem at hand, and will not be instructed how to complete the project at every stage until completion. OSHA standards will be followed. The Government will not provide any training. During the transition period, if applicable, the incumbent contractor will furnish phase-in training in compliance with FAR 52.237-3.
8. Can you explain the billing process? Refer to Section G-2 of the Solicitation and FAR 52.232-7 incorporated by reference in Section I.
9. Are there any materials that should be kept in stock? Most of the projects cannot be foreseen in order to stock any materials in a cost-effective manner. Materials will be known at the start of a project, and are then to be acquired. Lead-times will be recognized in this process.
10. Can you discuss the maintenance schedule? Preventative maintenance is done throughout the year based on an annual plan. There are onsite facilities to store materials used for these processes since it is a reoccurring requirement.

11. Does the machine shop have to be located within 10 miles of the site? In the past, we have had contractors with machine shops located farther away, and this does hurt projects in having to allow for extra travel time. Operations for this facility take place twenty-four hours a day, seven days a week. Allowing extra time to bring in pieces from machine shops farther away will harm the project at hand.
12. Are you looking for one person to fill each requirement? It will be left to the contractor's discretion as to how to manage the staffing requirements.
13. What systems are included in the requirement, and are there any warranties? All systems referenced in the Statement of Work are part of the requirement. No warranties for any equipment will be in place by the time of contract award.
14. What does the abbreviation LO in CLIN 0001 stand for? LO refers to lot; the CLIN has a maximum not-to-exceed amount for all labor to be invoiced against.
15. What does the abbreviation NSP refer to? Not Separately Priced.
16. Section B. Item 0003. The Contract Data Requirements List (CDRLs) have been designated as NSP (Not Specially Priced). Can we take this to mean that the estimated cost of all of these activities needs to be added into the G&A of the Loaded Labor Rate described in B-2? Most contractors add this to their G&A. If a particular contractor's accounting system accounts for this differently, then the proposal should reflect this accordingly.
17. Section L. Paragraph L-14. Since the Modelmaker's estimated hours exceed the standard 2080 hours for one man-year (without vacation), it would appear that more than one individual would be required to meet the estimate of 2950 hours. Can we assume that the Key Individual described in paragraph H-3 would be the primary site person and that additional hours might be required of shop personnel assigned to produce the finished products depicted in the various Task Orders? Assuming the use of other individuals, can we assume they would all be billed at the same rate as the Modelmaker? As specified in Section B, there are only two labor categories. As specified in Section L-14, the 2950 hours anticipated are for evaluation purposes only. Hours will not be dictated in the contract, since time requirements can vary between both projects and years. See Section G-6 for additional information.
18. As with the above same argument can be made with the Electromechanical Specialist, where certain test or repair Task Orders might require more than one individual with these skill sets. Again can we assume that other such individuals needed would be billed at the same rate as the Electromechanical Specialist? See 17.
19. We understand that certain Task Orders will require overtime of the individual(s) above and at times round-the-clock support. Are individuals assigned to a Task Order limited to a 40 hour week or is a bulk labor hour amount acceptable on a particular Task Order? Personnel are not limited to a 40 hour week when tasking requires that a specified mission be completed on schedule.

20. Are there any provisions for having an individual “on-call” during certain Task Orders or to be available to handle an unforeseen incident when no Task Order is in effect? If required, how would the payment for making this service available to be handled? It is implied that personnel be available as needed to provide support for pending missions. A task order will be in place to cover such occurrences.
21. Due to the vast knowledge base required in the SOW, 2.0 Requirements, it would appear that both the Modelmaker and/or Electromechanical Specialist will at times need to consult with experts within the contractor’s company to get the best advice on how to arrive at the lowest cost option to fulfill the Task Order which in turn will allow the Task Order to be price and carried out in the most efficient manner. Since there is no vehicle to have expert consultations in the contract, would it be advisable to add in a percentage amount in the above individual(s) labor rate to cover such consultations? This is left to the contractor’s discretion.
22. SOW, Paragraph 2.1. In an effort to reduce the overall cost related to the fabrication of materials portion of any Task Order requirement, would it be acceptable that the contractor lease space and machines from a nearby machine shop to fulfill this? It is understood this shop be within a 20 minute drive to the NRL facility. Paragraph 2 of Attachment (1) to the solicitation is revised to read as follows: In support of the mission requirements, the contractor shall **should** maintain a local machine shop, with capabilities for precision metal working, **that is highly desired to be** within 10 miles of the Pomonkey Facility or a 20-minute drive time to facilitate quick response for emergency repairs and modifications.
23. Since many specialized pieces of test equipment and tools are required to test and maintain Microwave and Antenna components and systems as outline in the SOW 2.0 Requirements, will all of these be consider GFE? If not, will the government accept to purchase or lease these on a per Task Order basis? Or if not, can you supply a definitive list of all required specialized tools and required test equipment that the contractor should consider to have on hand and available for government use for the duration of the contract. It this case it would be understood that the test equipment would need to be kept in calibration for the duration of the contract. NRL will provide a basic assortment of test equipment. Such as, signal generators, spectrum analyzers, network analyzers, and power meters. However, the contractor should provide all essential equipment that they feel is necessary to provide the level of service required of this contract. A complete list shall not be provided by NRL.
24. Can we have some insight into what J-3 Attachment (3) – Accounting and Appropriation Data entails? Accounting and Appropriation Data gives information on the amount of funding for the contract, as well as the source of the funding.
25. Reference Attachment Number 2 under Requirements, page 42 & 43:
"The Electromechanical Specialist shall install, repair, adjust, test and maintain scientific equipment designed on electromechanical principles such as: Microwave components (i.e. transmitters, waveguide, transmission lines), servo control systems, remote sensing systems and thermal systems, as well as, hydraulic, pneumatic, gear driven and thermal

systems. Using the knowledge gained through work experience, or OJT, of electronics, as well as, mechanical and hydraulic principles, locates sources of defective operation or causes of system errors."

We would like to know:

- 1) Where these hydraulic devices are used. They are used on the 30-meter FMLA antenna system and support equipment.
- 2) The uses of these hydraulic devices. Hydraulics are used on devices to move or position equipment and personnel, as well as, used in a high-pressure lubrication system.
- 3) The manufacturers of the hydraulic devices requiring maintenance. The manufacturer of the hydraulic systems utilized on the 30-meter antenna system is Trola-dyne, Inc. Other systems manufacturers include: Grove, Case, and Ford.