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5602-24:JRT:aer  
14 February 1967Extension of Contract  proprietary justification for

1. The performance of the HRB-Singer Company during the period of the subject contract has been of the highest caliber. The personnel supplied for the NRL Support Team have been outstanding in their technical ability and in their professional performance....while on travel they have continued to act as the Ambassadors of both this Laboratory and the U.S. Navy in carrying out their difficult technical roles at remote overseas sites. Their reputation has continually enhanced that of this program which they serve.
2. As Scientific Officer on this contract, I have had ample opportunity to witness the technical competence of the support group which is carrying-out the contract tasks at the home plant of the HRB-Singer Company. Consistently this talent has been above average with outstanding results obtained in a minimum of time. This Quick Reaction Capability is one of the major assets which this company has provided to enable the vast amount of system improvement to be accomplished the period of the past year.
3. Security clearance on the part of certain of the key contract personnel is imperative to the operation of this program with overseas operational aspects. HRB-Singer has at this time, the required degree of facility clearance.
4. Computer software has been developed for a company computer on two of the tasks presently being funded and at this time, it is being transferred to the NRL Computer recently delivered to the HRB-Singer Company. The instrumentation which provides the data was developed by HRB-Singer and in order that the software be assured of complete compatibility both efforts should closely<sup>be</sup> coupled within a single company.
5. The HRB-Singer Proposal #P-6791 describes the effort which is desired for this contract year. It is recommended that ONR negotiate only the full \$700K at this time, and that the Scientific Officer release each task specifically with a limit as to the funds to be expended and a definition of the period of performance.

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The specific portions of the proposal which will, for the present, be withheld are Item IV (C), (D), (E), and (H) with a reduction of about \$41.9K from Item IV (A).

5. URGENCY: This contract must not suffer a lapse in the performance especially now during the very critical time just prior to the development of these systems on a major operational schedule being planned for April and May 1967. Keep in mind that this contract supports one of the Primary Objectives of the Naval Research Laboratory and has a BRICKBAT .01 PRIORITY. The special QRC Priority Designator is being sought at this time and when it becomes available will be applied to this procurement.

6. It is, therefore, in the best interest of the U.S. Government that this procurement with the HBB-Singer Company be extended for another year.

JAMES TREXLER, HEAD  
SPACE TECHNOLOGY BRANCH

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Via: Code 5000  
Code 5600

5602-23:JRT:aer  
14 February 1967

Code 5610

Extension of ONR Contract with HRB-Singer for support of NRL  
Problem 56R06-29; justification for

REF: (a) ONR Contract [REDACTED]  
(b) HRB-Singer Proposal #P-6791

1. Background:

During the past year the major improvements on the overseas electronic-systems as well as the logistic support for these systems has been derived from this contract of Reference (a). A recent outgrowth of this effort under a task for System Analysis study, by the HRB-Singer team at State College Pennsylvania, has led to a system for analog-to-digital conversion of the data at the overseas site

[REDACTED] With the mandate from the President's Scientific Advisory Committee in mid-December and the subsequent procurement of a general purpose computer, a near real-time data-sort will be made operationally for the first time in April which should have the greatest operational impact on the results of this program. The complete electronic system to fulfill this goal is now in the latter stages of preparation at the HRB-Singer Plant prior to being shipped to [REDACTED] where the contractor team will make the installation and proceed with the operational checkout and training of the military crew for the following operational utilization during the latter portions of this year.

2. It is mandatory that the HRB-Singer support of this problem be continued with no hiatus during this critical period of preparation for the future operations. In addition to this operational readiness need, there is the ever-present need for continued up-dating of the remaining overseas sites...specifically each site is destined to be made operational inside a permanent building with the latest receiving, timing and recording equipment before the year is out. Analog to digital conversion systems will be installed at all sites through use of the contractor personnel in the next twelve (12) months.

3. The HRB-Singer proposal of Reference (b) is a shopping list from which the Laboratory can plan the Tasks to be pursued during the next year.

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It is desirable that Items I, II, III and V be undertaken with no change recommended, but Item IV is to be significantly altered or at least delayed in implementation. Specifically Items IV (A) will be reduced by about \$44K and Items IV (C), (D), (G) and (H) will be deleted for the present. Thus the selling price is reduced to about \$700,000.00

JAMES TREXLER, HEAD  
SPACE TECHNOLOGY BRANCH

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