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26 FEB 1966

MEMORANDUM FOR: Deputy Director for Science and Technology

SUBJECT: Program Approval RD-0-617 (CHIGOE)

1. The Office of Research and Development requests approval of the CHIGOE development program, with Ling-Temco-Vought Electro-systems Division, Greenville, Texas as the systems integration contractor, and USN providing direct operational support. The basis for LTV's selection is contained in the attached proposal evaluation, EYE-1905-66. The basis for USN (or other DOD) operations support is contained in TS-194736, attached.

2. The program as a whole is described in an accompanying memorandum which can, at your option, be presented to DDCI for approval. Discussing the whole program, rather than the LTV proposal alone, allows DDCI to see the previous expenditures on sensor development, the present contract action with LTV, and the upcoming FY 67 obligations as a package. Total program approval also allows us to complete the work ahead with minimum delay and administrative complexity. We will employ the mechanism of transferring all CHIGOE funds to OSA now for streamlined contract action both now and during the coming year, with the detail of all such actions under ORD's control.

3. Detailed coordination sessions are continuing under the program manager's direction to implement your directions at the meeting of 4 February. D/OSA agreed to provide contracting and security support for CHIGOE and property accountability for some specialized GFP items, and as a separate item, to provide technical continuity for the future development of a major Agency program in this type of collection, as it may be justified by the results of the CHIGOE experiment. ORD will continue to provide Agency management of CHIGOE through the initial operations, and will provide continuity and technical inputs to OSA in any major followon development proposal they elect. At the present time, an ORD/OSA task group is working through the RAWSON channel to explore means of USN support for CHIGOE operations. Major economies can be gained by preserving the USN ownership and support of the CHIGOE aircraft, even if all the direct costs of such support are later reimbursable to USN by the Agency; about \$2.0 million would be the net additional cost to the Government if OSA has to support this first operational prototype.

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4. USN coordination is being effected through Capt. Dick Wilson, Cdr. Bennett, and designated USN consultants. We will bring DDR&E (Dr. Koslov) up to date as the situation develops. Cdr. Warren, the USN liaison in OL, has been briefed and serves as the immediate USN point of contact.

5. Your approval is requested to proceed with the LTV contract and the total program, to formalize the joint ORD/OSA working agreements described herein, and to negotiate an agreement with USN, covering CHIGOE support, for your further approval.



(b)(3)

ROBERT M. CHAPMAN

Director of Research and Development

Attachments:

- 1. BYE-1905-66
- 2. TS-124736

APPROVED:



10 MAR 1966

(b)(3)

ALBERT D. WHEELON

Deputy Director

for

Science and Technology

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