



20 February 1964

## MEMORANDUM FOR THE RECORD

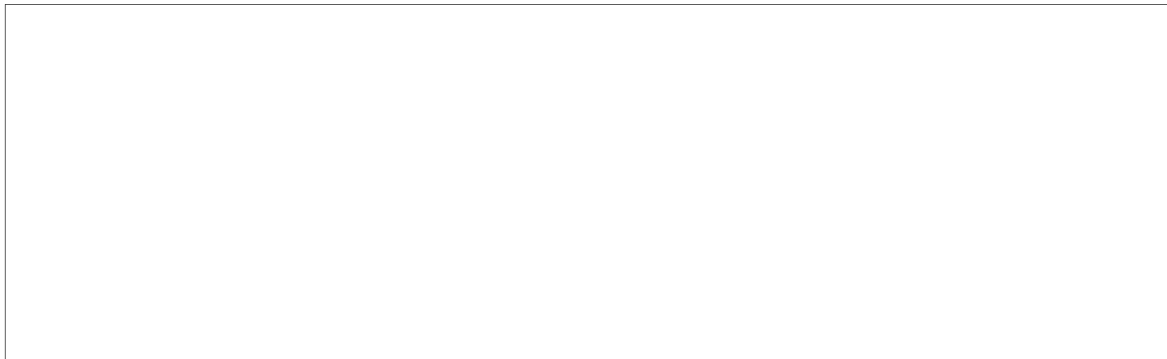
SUBJECT: Project KWFULCRUM

1. At a meeting in Headquarters on 19 February, Itek representatives in attendance were Dr. Duncan MacDonald, Burt Ashenbrenner, John Watson, and Charles Chambers. CIA was represented by Messrs. [redacted], McMahan, [redacted], McDonald, [redacted] and later in the afternoon by Maxey and Dirks. The morning session was devoted principally to educating and reiterating to Watson, Ashenbrenner and Chambers the details of the Lexington conference two weeks prior. Ashenbrenner submitted a work statement and cost estimate which was substantially a flushing out of the previously agreed work statement prepared in Lexington.

2. Ashenbrenner indicated that there were five points on which Itek would like assistance from the Agency. The first concerned electronic countermeasures or an anti-radar program. Ashenbrenner indicated that Itek would either like us to brief them on what has been accomplished thus far in this field or permit them to talk to Dr. Siegel of Conductron. The second point was that given a successful anti-radar program which would prevent the opposition from successfully tracking our satellites, some provision must be made to permit our own control of the vehicle, since we too would be prohibited from such tracking.

~~SECRET~~

Ashenbrenner requested permission to discuss a self-positioning platform which would incorporate longitude and latitude identification on the film as pictures are taken. Itek intended to discuss this with Dr. Drapper of MIT and Burt Ashenbrenner indicated that they had felt him out on this point. The third item concerned



this subject. Their fifth point was to get clearances to talk to Art Lundahl and his people regarding data processing and interpretation and to get some idea of what equipment is in being or under development regarding data processing. They hoped that NPIC would be able to give them some information relative to target characteristics.

3.  then gave a security briefing and outlined the security procedures which would be carried on at Itek and in Headquarters on this program. In a nutshell, a separate box and safe area would be established at Itek for the handling and storage of documents concerning this program, and  indicated that he would provide Itek with a P. O. Box in Washington to which Itek could send correspondence destined for Headquarters. Itek was admonished as to the hold down requirements of this program and encouraged to keep individuals knowledgeable to a minimum. It is

anticipated that Itek will require clearance approval for about twenty individuals who will be actively engaged in this study. All of the individuals now earmarked for participation possess CORONA clearances. Harold Sprague was designated as the focal point in Itek who will be responsible for controlling correspondence and advising Headquarters of clearances required. As a parenthetical remark, Ashenbrenner requested if any one individual in Headquarters had been identified as a focal point to which Itek officials could look for direction and guidance on this project. They were advised by the undersigned that such an individual had not been identified, but that this would be done shortly and Itek so advised.

4. The undersigned also advised Itek that following the review of the work statement and discussions which would take place during the next two-day period that a cover story would be devised for Itek which they could use in dealing out of house on this project.

5. Wendell Mangis and Jim McDonald then engaged the Itek officials in contract discussions. This subject was also further pursued in the afternoon with Dr. Ashenbrenner and  At that time the undersigned indicated that he wanted a contract flexible enough to permit a collapsing downward of dollar amounts. He expressed concern that Itek estimated \$250,000 for the completion of this study including a system design study, since the work statement for this program was actually more limited than the original proposal which Duncan MacDonald submitted and estimated at \$175,000. Jim McDonald

of Contracts Branch suggested that Itek consider a fixed-price contract redeterminable downward since Itek has a great deal to gain in the pursuit of this program and up to this period of time Itek has not invested a nickel of their own money in any of the satellite programs.

[redacted] expressed concern that Itek is under the gun at the moment by its management to make profit, and he fears that the depth of such a study on a fixed-price contract would be throttled to ensure profit. The merits of a time-and-materiel contract were discussed and further negotiation put off until 20 February 1964.

6. Also in the afternoon Itek questioned Messrs. Maxey and Dirks regarding requirements and the type of targets that future sensor systems will be required to observe. Mr. Dirks outlined briefly two major categories of targets which fall into military strategic weapons and the research and development of additional weapons, included in weapons are the ICBMs, atomic energy storage areas and production facilities, air bases, and deployment of aircraft, military installations, naval bases, etc. Mr. Maxey also advised Itek that their study should not touch upon the anti-radar or countermeasures area or vulnerability in any form, and that it would not be necessary for them to consider ELINT sensing. With these concerns eliminated, Itek would only have to go out of house for information on [redacted] That (b)(1)  
(b)(3)  
being the case, they were advised to concentrate on those areas which can be handled in-house and when the time comes to go outside, Headquarters

can then assist in the need for a cover story. Arrangements were made for the Itek representatives to visit NPIC at 3:00 on 20 February. They will be accompanied by  or some one from the ORD office.

JOHN N. McMAHON

JNMcm:amp:5904 (20 February 64)

~~SECRET~~

-5-