

WEEKLY DIARY ITEMS - IBZSA

4 February Thru 10 February 1960

(U) Letter Contract AF 04(647)-449 with Aeronutronics - Program 609A

The definitive contract was returned from initial review and sent out for signature 9 February 1960. The Contractor has indicated a reluctance to sign the contract at the agreed-upon figure because of certain changes in the program, but this is a bridge yet to be crossed.

(U) Contract AF 04(647)-476 with General Electric - Communications Satellite

The definitive contract is still in initial review and is being delayed pending agreement within the Air Force of the wording of the "best efforts" clause mentioned in last week's Diary. The definitive contract was first sent to initial review on 16 December 1959 and we are becoming concerned about the length of time it takes to get contracts out for signature once they are negotiated.

(U) Amendment #2 to Contract AF 04(647)-361 with STL (Definitive Contract Number to be AF 04(647)-504 - SE/TD for the Communication Satellite Program

A prenegotiation pitch was made to IBPP on 8 February 1960, and a work statement has been agreed upon. We are currently conducting cost negotiations.

(U) Contract AF 04(647)-309 with STL - SE/TD and Air Force Support for Ballistic Missiles and Space Programs

On 5 February 1960 we added \$5,000,000. to this contract which will last another seven weeks. We are continuing to fund this contract in small increments and will continue to do so until certain decisions regarding STL are made.

WEEKLY DIARY ITEMS - LRZSP

4 Feb 1960 Thru 10 Feb 1960

(U) Douglas Aircraft Company, Inc.

1. (U) Supplemental Agreement No. 61 to Contract AF 04(645)-65 has been written and forwarded to the Procurement Committee for review on 10 February 1960. The execution of this document (face value \$29,934,548.) will place the contract in a current status with only the definitization of Letter Contract designated Supplemental Agreement No. 48, the incorporation of approximately 40 COBs and the pricing of 20 items of GSE yet to be accomplished to complete the contractual actions under contract AF 04(645)-65. These actions are forecast for completion by March 1960.

2. (U) Discussion with Lt. Colonel Fields of AFEMD provided no further information as to when funds would be made available for coverage of the transfer of Thor Pads 1 and 2 at Vandenberg AFB, although Lt. Colonel Fields indicated it was fairly certain funds would be provided.

3. (U) A conference was held on 10 February 1960 with contractor, BMD, NASA and BMD personnel to discuss launching capability for Thor space boosters at AFMTC, Patrick AFB. An effort was agreed upon which, when combined with the services provided under NASA contract NASW-38, will provide the Government a launching capability at AFMTC of check-out at a rate of one booster per month and launching at a rate of two boosters per month for the period 8 March 1960 through 28 February 1961. ARPA funds in the amount of \$2.16 million have already been initiated and a letter contract with Douglas Aircraft Company, Inc. is contemplated.

(U) High Capacity LOK Pump Program

Three fully funded fixed price contracts have been awarded to design and fabricate 3 separate high capacity LOK pumping systems for transferring LOK from a storage tank through a pipeline to the missile.

The J. C. Carter pumping systems on contract AF 04(647)-222 has been successfully tested at Edwards AFB.

The Byron Jackson Company pumping system on contract AF 04(647)-223 has been successfully tested at Edwards AFB.

The Aerojet-General Company pumping system on contract AF 04(647)-224 has been installed in the system at Edwards AFB and is in the process of testing. It is anticipated that testing will be completed on the Aerojet pump by 29 February 1960.

(U) Missile Valve Test Program

Two fully funded Time and Materials contracts had been awarded to test valves and regulators used in liquid propellant missiles, and are being amended.

Contract AF 04(647)-397 with Stollardyne, Inc., San Diego, California is being revised to include the testing of other miscellaneous ballistic missile components in addition to valves and regulators and to require contractor to submit quarterly reports in lieu of semi-monthly reports.

Contract AF 04(647)-398 with Wyle Lab., El Segundo, California is being revised to include the testing of other miscellaneous ballistic missile components in addition to valves and regulators and to require contractor to submit quarterly reports in lieu of semi-monthly reports, and also to submit a summary report of the testing that has been accomplished through 1 June 1960.

(U) Command Destruct Receivers

Fixed price contract AF 04(647)-534 for 144 Command Destruct Receivers has been awarded to AVCO Corp., Crosley Div., Cincinnati, Ohio. This contract was forwarded to AVCO for signature 1 February 1960. AVCO advised this office by telephone 9 February 1960 that the contract had been signed and mailed that date. Execution of the contract is contemplated by 15 February 1960 with delivery of the first 10 units in April 1960 to meet a critical BMD requirement.

(U) Study Programs

Contract AF 04(647)-176 with the University of Utah for a study to determine penetration and cratering effects produced by impact of high velocity particles is being extended for 16 months as requested by the AFMD project office. Execution of an S/A effecting this change is contemplated by 15 March 1960.

Contract AF 04(647)-177 with the University of Utah for a study to determine the mechanism of production and removal of electrons in flames is being extended for 12 months as requested by the AFMD project office. Execution of an S/A effecting this change is contemplated by 15 March 1960.

A requirement has been initiated by the AFMD project office for a procurement from North American Aviation, Inc. of a program to demonstrate the feasibility of transmitting physiological data by means of an RF carrier through the intact skin of an internally instrumented Simian under environmental conditions. This program resulted from an unsolicited proposal submitted by N.A.A. Upon receipt of the Purchase Request and supporting documents thereto procurement action will be taken.

(U) Phase Alpha - Dyna Soar Program

A decision was made to include the Martin Company in the Phase Alpha studies. Negotiations were held at EMC with the Martin Company on 4 and 5 February 1960 and agreement was reached on the amount of effort to be expended by Martin in the booster portion of the study. A definitive contract (CPFF - \$70,000.) covering the agreements is in process.

(U) AbleStar Stage - Aerojet-General Corporation

Information from Major Pedonsky (WDIP) has been received that the security clearance for Space Electronics Corporation (major sub-contractor to Aerojet) has been reinstated so that SEC may again receive classified information. The security clearance had been lifted because of several security violations which had been committed by Space Electronics.