

HEADQUARTERS
AMC BALLISTIC MISSILES CENTER
UNITED STATES AIR FORCE
Air Force Unit Post Office
Los Angeles 45, California

REPLY TO
ATTN OF: LBZS

SUBJECT: Weekly Diary 19 Nov 59 through 2 December 1959

DEC 3 1959

TO: LBG

THRU: LBZ

1. Please ask Colonel Zoekler to note the item on contract AF 04(647)-361 this afternoon as Colonel H. L. Evans will probably call him today to discuss this TWX that has been prepared for release to ARPA.

2. The attached diary items are for the Space Projects Office.

S. E. Ellis
S. E. ELLIS
Colonel, USAF

Director, Directorate of Space and Satellites

2 Atch

1. Weekly Diary LBZSP(Conf)2 pages
2. Weekly Diary LBZSA(Unclas)2 pages

When inclosures are withdrawn the
classification of this correspondence
will be downgraded to *Unclas*
in accordance with AFR 205-1.

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WEEKLY DIARY ITEMS - LBZSA

19 November 59 Thru 2 December 59

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

19
Negotiations for the definitization of this Letter Contract are in process. Agreement has been reached on the Work Statement. We have also agreed that the Definitive Contract will be a CR contract with no fee, although future changes may be fee-bearing. Agreement has not been reached on estimated cost, and we are presently \$556,000 apart (Contractor's revised proposal: \$3,033,000 vs AF counter offer of \$2,487,000). Negotiations continue 4 December 1959.

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

The request for proposal for the follow-on procurement under this contract is being completed in coordination with AFEMD contract monitor, Lt. Col. Bogert, and will be sent to STL tomorrow.

(U) AF 04(647)-369 - SE/TD for MIS Program

2
The two major points of disagreement, (type of contract and period of performance) which delayed definitization of this letter contract, have been resolved. We agreed to write a level-of-effort CFFF contract to cover the period through 30 June 1961. Negotiations were completed on 16 November 1959 at an estimated cost of \$1,007,000 with a fixed fee of \$95,600. The definitive contract is now being processed.

→ (U) Contract AF 04(647)-361 - Tiros, Transit and Courier Projects

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Cost negotiations of this Letter Contract began on 23 October but could not be completed because of lack of information from STL. The negotiations were continued on 13 November at which time STL submitted a \$0.9M upward revision to their proposal. This increase plus \$0.3M additional fee for CCM Nr. 1, which revised the launch schedule, resulted in a serious funding problem. A meeting of AFEMD/BMC/STL was held on 18 November to discuss this problem at which time STL agreed to take a close look at the total program estimated cost and submit their best estimate by 23 November. During the 18 November meeting the STL representative, Dr. Mettler, questioned the validity of \$0.9M upward revision in their proposal as actual cost to date had been closely tracking the original estimated cost. A follow-up meeting was held on 25 November at which time STL advised us that their best budget estimate for the cost of the total program was \$9.3M plus \$0.7M fee giving a total of 10M required for the STL portion of this program. As a result of this exercise, the AFEMD project office headed by Lt. Col. Latham prepared a TWX to ARPA requesting an additional \$1.1M to complete this program. ~~This TWX has not been sent to ARPA. It is presently being considered by Col. Latham.~~ WDKD

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Funding of STL Contracts

We have obtained additional funds in the last ten days which have permitted us to fund all of our contracts with STL through December, with the exception of two which are funded through January and February 1960. This additional funding was the result of a special effort by our office with AFEMD to eliminate the recurring problem of STL having to operate on any of our contracts without adequate funds. In a further effort to prevent this recurring funding problem, we have developed with STL a Funding Requirements Chart, and we will schedule periodical meetings with the AFEMD contract monitor and STL contract administration, so that the need for additional funding can be identified early enough to permit us to obtain funds and place them on contract in a timely manner.

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WEEKLY DIARY ITEMS - LBZSP

19 November Thru 2 Dec 1959

(U) Procurement of AbleStar Stage

Letter Contract AF 04(647)-509 was signed by the Contracting Officer and transmitted to Aerojet-General Corporation on 17 November 1959. The Contractor signed the contract on 18 November 1959 and has begun work. Negotiation of the Definitive Contract is expected to begin in the near future.

(U) Douglas Aircraft Company, Inc.

1. (U) Supplemental Agreement No. 52 to Contract AF 04(645)-65 which definitizes Letter Contract Designated S/A No. 15 was forwarded to AMC (MGPC) on 16 November 1959 for review and has not yet been returned from AMC. This Supplemental Agreement provides services and supplies for the support of the WS 117L Program including launching capability at Vandenberg AFB through 31 December 1959.

2. (U) Supplemental Agreement No. 56 to Contract AF 04(645)-65 was executed and returned by the Contractor on 1 December 1959 and will be forwarded to LBPC for final review and distribution this week. This Supplemental Agreement definitizes 27 CCN's issued under the contract and deletes the "Technical Direction" Clause from the contract since Technical Direction for the THOR Program is covered under Contract AF 04(647)-481.

3. (U) Supplemental Agreement No. 59 to Contract AF 04(645)-65 was forwarded to LBPC on 30 November 1959 for initial review prior to transmittal to the Contractor. This Supplemental Agreement supersedes Letter Contract Designated S/A No. 41 and establishes and specifies requirements for the WS 315A Interim Unit Proficiency System.

(U) Long Range R&D Program

AiResearch Mfg. Corp., Contract AF 04(647)-163, did not meet the 20 November 1959 completion date set forth in the contract. A recent visit by the Project Officer to AiResearch disclosed that they had encountered difficulties in the development testing of the Multiple Passage Solenoid Valve developed under Contract AF 04(647)-163. In answer to the Project Officer's query, AiResearch advised that they would be able to completely demonstrate the capabilities of the solenoid valve approximately 15 Jan 60, at which time they will have completed the contract to such a degree that the only work remaining to be done will be the fabrication of the hardware to be delivered to the Air Force and completion of the Final Report called for by the contract. AiResearch further advised that they would probably need additional funds to continue the work past 31 Jan 60. It is the Project Officer's position that any additional required funds would probably be provided if AiResearch could satisfactorily demonstrate in January that the Solenoid Valve would perform as required by the contract.

(U) Robertshaw-Fulton Controls - Contract AF 04(647)-161

A recent visit by the Project Officer disclosed that Robertshaw had substantially advanced toward the completion of the contract. Most of the technical problems

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which had to be overcome by Robertshaw in their development of a Pressure Regulator, have been resolved. It is anticipated that the Project Officer and representative(s) from IBZSP will visit Robertshaw this month to witness a demonstration of the Pressure Regulator's capabilities.

(C) Aerojet-General Corporation, Contract AF 04(647)-373, has completed the largest portion of this contract. The contract provided for a test program which would reveal certain data pertinent to the launching of a Titan missile from a silo-type ducted launcher. The final report required by the contract will be submitted on or before 20 December 1959. Aerojet has completed the contract to the satisfaction of the Project Office.

(U) Contract AF 04(647)-372 with Planning Research Corporation, Los Angeles, is for a six months study of Mobile Ballistic Missiles Systems. A draft of the final report was submitted in November 1959. The BMD Project Officer decided after review of the draft of the final report that some additional work was necessary to complete the study. A proposal has been submitted by Planning Research Corporation and a supplemental agreement to the contract is in process to accomplish this additional task. It is anticipated that the document will be executed and distributed by 23 December 1959.