

WEEKLY DIARY ITEMS - IBZSA

11 February Thru 17 February 1960

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

Program delays continue to be encountered in the areas of establishing firm delivery schedules for hardware items required from the NASA Contractors. The present schedule for the first launch in the month of May appears to be more unrealistic as program delays emerge. NASA has been appraised repeatedly of the AFEMD/BMC desires for exertion of effort to protect the program schedule but a condition of "too little too late" has materialized.

(U) Contract AF 18(600)-1843 with Convair, San Diego, A Division of General Dynamics Corporation - AICBM

This office has recently received a copy of certain parts of this contract from Headquarters ARDC. We now understand, however, that this study contract will not be transferred to BMC as the contract is nearing completion.

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

The definitive contract was sent out for signature 12 February 1960. We understand there is a possibility of a strike at the General Electric Missile and Space Vehicle Department, but nothing has happened so far. Since this Department is non-union, General Electric is prepared to seek an injunction should their plant become strike-bound. It would take a week to process the injunction, so there is a possibility the plant will be shut down for a short time.

(e) Contract AF 04(647)-302 with SEL - Able 3 and 4

The last launch (Thor-Able 4) Deep Space Probe, previously scheduled for 15 December 1959 and postponed, is now scheduled for 1 March 1960. The additional time required to accomplish this launch has resulted in an estimated increase in program costs of approximately 1.5M. NASA has been requested to provide these funds.

(S) Random Barrage Study to AICBM Program

We have received an advance copy of ARPA Order 134-60 dated 8 February 1960 which directs ARDC to contract with the Ramo-Wooldridge Division of the Thompson-Ramo-Wooldridge, Inc. for a study based on their unsolicited proposal entitled "Proposal for the Random Barrage System". This proposal was made to the director of ARPA on 7 January 1960. Lt. Col. Schaffer, WDZAD, (extension 3147) is processing a PR for this requirement. We are processing the necessary initial contract paper work, so as to be in a position to provide immediate contractual coverage upon receipt of the approved requirement. A prenegotiation pitch will be made to IBPP in the next few days. The due date of the final study report to AFEMD is 20 May 1960.

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WEEKLY DIARY ITEMS - IBZSP

11 Feb 60 Thru 17 Feb 60

(U) Douglas Aircraft Company, Inc.

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1. (U) A pre-negotiation conference was held 17 February 1960 to discuss the negotiation of Letter Contract Designated Supplemental Agreement No. 48, including Amendment No. 1 thereto, under Contract AF 04(645)-65. The Contractor's proposal of \$1,655,730 was reviewed in conjunction with the ACO's analysis thereof, and a tentative "going in" figure was arrived at subject to further discussion with the Project Officer scheduled for 18 February 1960. It is anticipated that negotiations with the Contractor will be held on or about 24 February 1960.

2. IBZSP was advised that it was the desire of Colonel Oder that we obtain a quotation from Douglas Aircraft Company for accomplishing the inventory inspection and maintenance of Complex 75-1 at Vandenberg AFB with the anticipation of including this work in the effort presently contracted for under Letter Contract AF 04(647)-527 for Discoverer launch service. Also, Colonel Oder was interested in the length of time required to train Air Force crews to accomplish substantially the same effort that Douglas Aircraft Company will accomplish in this instance, and also the cost to train on an "over-the-shoulder" basis. This is being investigated by IBZSP.

(U) Long Range R&D Valve Program

Contract AF 04(647)-160, Rocketdyne Division, North American Aviation, covers an R&D effort for three components, viz., Solenoid Valve, Pressure Regulator, and LOX Valve. The quantity of solenoid valves will be increased from ten each to twenty each since they may be used in the TITAN Program. Also a follow-on test program covering further combined environmental tests is being procured. Two of the valves will be furnished Rocketdyne for use in conducting these tests. There has been a cut back in the requirements for the pressure regulator. Consequently, Rocketdyne will furnish a quantity of five upon their completion of the development rather than the ten originally called for by the contract. A reduction in fee will result from this action. There has been a cut back in the LOX vent valve requirements. Therefore, Rocketdyne will furnish five valves upon their completion of the development of the valve and will not conduct the flight rating and qualification tests required by the contract for this component. There will be a reduction in fee as a result of this cut back. The completion dates for the solenoid valves and LOX valve will be extended approximately six months. The Project Office is advised that this extension will not hinder any program.

(U) Contract AF 04(647)-161, Robertshaw-Fulton Controls. The requirement for the helium regulator being developed by Robertshaw has been cut back. Robertshaw has been directed to deliver five test regulators upon completion of component development and has been relieved of the requirement of conducting flight rating and qualification tests. A reduction in fee will result from this cut back.

(U) Contract AF 04(647)-163, AiResearch Mfg. Company will be directed to deliver five multi-passage solenoid valves, which they are now developing under the contract, upon completion of the component development phase. AiResearch will be relieved of

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the requirement for conducting flight rating and qualification testing of the valve. This contract will be complete by 1 May 1960. Reduction in fee will result from this cut back.

(U) Transistorized Telemetry Systems

United ElectroDynamics' proposal for fifty telemetry systems has been received. Their proposal for the systems is \$573,000 which includes approximately \$10,000 for replacement parts and \$5,000 for technical manuals and engineering drawings. LBZSP plans to negotiate a contract with UED on 24 February 1960.

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