

HEADQUARTERS
AIR FORCE BALLISTIC MISSILE DIVISION (ARDO)
UNITED STATES AIR FORCE
Air Force Unit, Post Office, Los Angeles 45, California



REPLY TO
ATTN OF: WZYZA-5/Maj Ashmore/1257

SUBJECT: Contract Nr AF 04(647)-558
Modification of Complex 75-1

TO: LBZJP

26 JUL 1960

1. Reference is made to:
 - a. Uncl TWX from AFDSG-AT 66600, dtd 1 Jul 60, subj: Conversion of Stand I, Complex 75-1 at VAFB.
 - b. Uncl TWX from RDRB 5-7-12-E, re: AFDSG-AT 66600, same subject.
2. Request appropriate action be taken to change subject contract to include provision for conversion of Stand I, Complex 75-1, VAFB, as described in the attached general work statement. This requirement is over and above the present contract requirements.
3. It is estimated, based upon a preliminary quotation from IMSD, that an amount of \$925,000 will be required for this effort. These funds will presently be supplied by the Discoverer program.
4. Conversion of Complex 75-1 was directed by Hq USAF, reference a, in order to provide a launch capability for Thor Samos, Midas and NASA/ Agena B vehicles and a backup capability for the Discoverer program. Early completion is urgent to avoid possible program slippages.

Paul E. Worthman
PAUL E. WORTHMAN
Colonel, USAF
Assistant Deputy Comdr
Space Systems

1 Atch
Cy of WS, Complex 75-1
Conversion, 2 pgs

PROCUREMENT ACTION
NO. 120



-558 SIA Folder 26
Nr 25-27
OK-558 SIA or 16, 18 Folder 25 C/O 17, 19-22, 24

WORK STATEMENT FOR COMPLEX 75-1 CONVERSION

I. GENERAL DESCRIPTION OF ARTICLES AND/OR SERVICES TO BE FURNISHED.

Provide services and materials to design and modify Stand I and Blockhouse, Complex 75-1, VAFB, to accommodate the Agena B space vehicle when used in conjunction with the Thor (DM-21), Thor (DM-21)+3 Sqts, or Thorad A Boosters. Stand I shall be of a basic configuration enabling launch of Thor (DM-21)/Agena B, Thor+3 Sqts/Agena B or Thorad A/Agena B.

II. STATEMENT OF ASSUMPTIONS AND/OR GROUND RULES.

A. Facility design will be accomplished by Douglas Aircraft in conjunction with Lockheed and a Communication Contractor to be designated by AFBMD. Pad Modification and Construction will be accomplished by Douglas Aircraft.

B. In general, IMSD has the responsibility for accomplishment of the following tasks:

1. Initiate within Douglas Aircraft and in conjunction with a Communication Systems Contractor the identification of that work which must be accomplished on Stand 75-1 in order to make it suitable for the launch of the specified vehicles. This includes such work as the umbilical mast extension and modification, propellant servicing system, and launch control systems as dictated by the orientation of Stand I.
2. Identification and integration of work schedules between Douglas, IMSD, and Communication Contractor for installation, checkout and launch readiness.
3. Development of facility design criteria and providing facility construction surveillance for items common to the Agena B vehicle, propellant servicing system and IMSD launch control system. Provide facility construction surveillance of these efforts.
4. Modification and installation of existing Midas GSE returned from AMR. Maximum use will be made of this equipment with the exception of the propellant loading system. The newly designed single skid propellant loading system will be installed.
5. Design, fabrication and/or procurement of support equipment items required over and above existing equipment. Existing design of GSE will be utilized in so far as possible. Items requiring new design will be designed in such a manner that future modification can be made quickly and economically.
6. Perform those coordinating and liaison activities necessary for site activation of Complex 75-1, including but not limited to:

a. Planning and coordination with associate contractors and other external agencies.

b. Preparation and follow-up of an Activation Plan and integrated Installation and Checkout schedule.

c. Facility checkout and validation (Demonstration Plan).

7. Provide a comprehensive definitized work statement by 5 August 60 for LMSD efforts in accomplishment of subject Conversion.

8. Perform engineering liaison, coordination and technical assist activities with subcontractors, vendors, AFBMD Field Office, associate contractors and AFBMD as required in support of above tasks.

III. CRITERIA.

The contractor shall use in the performance of the requirements set forth in par II above the following criteria as guide.

1. G.S.E. transferred from AFMTC will be used to the maximum extent.

2. Modification must be complete so as to enable launch on/or before 15 April 1961.

3. This task does not include:

a. Changes, modification or additions to the communication system. This will be accomplished under separate contract.

b. Modifications to Technical Support facilities other than the Blockhouse and Stand I, Complex 75-1.

c. Operation and maintenance of the site subsequent to activation.