

CONFIDENTIAL

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11 February 1959

MEMORANDUM FOR: Chief, Technical Services Staff

SUBJECT : Request for Increase in Scope with Additional Funds and Payment of Overrun under Task I of Contract

RD-155 with

Equipment)

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1. Description of the Project

This project will be a research and development effort leading to the fabrication of five (5) modified inward opening cargo door kits for the C-54 type aircraft. The kits will be of such nature as to allow for installation in the field. The initiation of this project was requested by PFS/AD.

2. Purpose of the Project

To aid in confirming the installation procedure and insure proper relationship of door to airframe opening, as well as operation, a simulated aircraft door area mock-up is necessary. This proposed full size model airframe section will serve as a test jig fixture for the prototype and production model doors (cost: \$6,662.10).

For the purpose of aircraft accessibility, both from a loading stand point and rescue operations, it became necessary to redesign the cargo door closure arrangement. Including this feature increased the complexity of the door design and associated latching mechanism.

In addition, it also became necessary to change the initially conceived single curvature door design to the compound curvature form of the aircraft. This change was required from an aerodynamic view as well as the security aspect of aircraft identity (cost: \$29,206.52).

In addition, an overrun has been experienced by the contractor due to the unforeseen complexity of the project. Many items require hand fabrication and do not lend themselves to production methods. (Cost: \$32,999.19)

The contractor's proposals for the above work have been broken down into prototype costs and production costs. Based upon the agreement with OPSER/AIR Division, TSS will assume only the prototype costs while OPSER/AIR Division will assume the four (4) production model costs. This arrangement refers to the overrun expenditures as well as original work.

is cognizant of this situation and is in the process of transferring the necessary production funds to TSS.

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3. Recommended Contractor

The recommended contractor for this program is [redacted],  
[redacted] Based upon the technical background and fabrication facilities of this contractor, it is felt that this firm is well qualified for the project. 25X1  
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4. Total Cost

The total cost of the change in scope of this project is estimated at \$35,868.62. OPSER/AIR Division will transfer a total of \$17,278.27 to TSS to cover the production cost portion of the program. An extension in time for this task is required for a period of five months.

The total cost of the overrun portion of this program is \$32,999.19. OPSER/AIR Division will transfer a total of \$19,062.03 to TSS to cover the production overrun cost of this program. The total cost for both the change in scope and overrun is \$68,867.81. (Totals: TSS - \$32,527,51; OPSER/AD - \$36,340.30)

It is suggested that TSS advance the necessary funds to cover the change in scope and overrun costs in an effort to expedite the administrative portion of this program and await reimbursement from OPSER/AIR Division for the production portion of the program.

Charges are to be made against Allotment Number 9-2502-75-901. (TSS)

5. Support Requirements

There is no support required from other Government Agencies; however, this program is fully coordinated with OPSER/AIR Division, Major R. Duckworth.

6. Security Information

[redacted] 25X1

7. Project Engineer

The project engineer for this program is [redacted] Room 210, West Outbuilding, extension [redacted]. 25X1  
25X1

[redacted] 25X1

DD/P/TSS/EL [redacted] mt TSS/Engineering Division 25X1

Orig - ED-188A when ret'd from C/TSS

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