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A-1611
25 June 1970

Rec'd 26 Jun 70

Officer in Charge
U.S.A. Communication Service Group
Post Office Box 72 Naval Air Station
Moffett Field, California 94035

Subject:

Gentlemen:

In response to your request of 10 June 1970, is pleased to provide a firm, fixed-price proposal for a modification to the microscope carriage motorized drive system of subject contract line-item 1 providing a positive means of restricting motion in the X direction. The operation and description of this revision are detailed in Enclosure 1. The incorporation of this modification, which must be authorized by you no later than 10 July 1970 to avert schedule delays, will result in an increase to the unit price of Item 1 of each. These costs are detailed in Enclosure 2.

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Please review our proposal, and if approved, provide your authorization to proceed at the earliest date practicable. Should questions arise or if further information is required, please contact in our Washington D. C. area office, or the undersigned.

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Declass review by
NGA/DoD

Very truly yours



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Supervisor, Contract Administration

WGB:ey

Enclosures: As stated.

MODULAR LIGHT TABLE BRIDGE LOCK REVISION

The microscope carriage motorized drive system will be modified to provide a positive means of restricting motion in the X direction. Operation of the bridge will be controlled by the carriage release pushbutton presently provided for Y carriage motion and an additional release toggle switch. The X carriage motion will be normally locked to operate with the motorized drive enabled by operating the carriage joystick control. For manual carriage motion, the release button or release toggle switch must be actuated. X carriage motion will be enabled when the switch is on or the button is pushed.

To mechanize this proposed change requires replacement of the X drive clutch with a normally engaged, electrically releasing unit. This furthermore requires that drive limit switches be incorporated in the carriage positioning stops at each extreme of the X excursion. In this manner, the X travel will not exceed the preset distance for any particular viewing instrument mounted in the bridge. Extra contacts will be added to the release pushbutton to operate the X release function. A toggle switch will also be added to the bridge control for the horizontal release switch.

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