

Office Memorandum • UNITED STATES GOVERNMENT

SPM 6-615

TO : Chief, Communications Engineering Division

DATE: 24 October 1956

FROM : Chief, Supplemental Programs Division, OC

SUBJECT: RD 79, Task 7 - Test Bench Junction Box Cables

1. The original planning of this contract called for the delivery from [redacted] of certain cables and fittings to be included in the configuration of the test bench junction box. These fittings (MP 63004, MP 63005, and MP 63006) will not be available as planned. This requires [redacted] to complete the junction box cables in their entirety.

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2. It is, therefore, requested that you obtain a proposal from [redacted] for the substitute cables. This proposal should include the provisions for:

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- (a) An increase in cable length from 32.5 to 60 inches.
- (b) An additional cable branch to permit test bench injection of an external reference oscillator signal to the reference track of the recorder.
- (c) Additional shielding to insure the maximum accuracy of test procedures by protection against stray noise pick up.

3. An additional requirement was levied on this office on 22 October 1956 by the field representatives of the consuming project. It has been requested that an alert system consisting of signal lights be included in this collection system. The intent of this system is to alert the ECM operators manning tunable equipments to the presence of signals without the spectrum. A system of similar characteristics is then included in the P2V-7 program, and may be used as a pattern.

4. It is recognized that inclusion of such a provision will increase the scope and modify the present costs of RD-79; however, it is necessary. [redacted] should be informed of this new requirement with the understanding that this is to be an additional

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"black box" which may be installed at a later date. This addition should not affect the present delivery schedule. Technical coordination between your project officer and this Division is requested to effect an early completion of this additional requirement.



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