

Executive
7-254

AQUI-0144-70  
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3.3(b)(1)  
3.5(c)

23 Dec 70

MEMORANDUM FOR: Executive Director-Comptroller

SUBJECT: Lease of Remote Computer Terminal for Tyler Building to Support Project AQUILINE

1. This memorandum contains a request for the approval of the Executive Director-Comptroller. Such request is contained in paragraph 9.
2. Part of the planned FY 71 AQUILINE build up includes the installation of a remote computer terminal in the Tyler Building tied to the Agency's computer complex in the Headquarters building. The primary purpose of this remote terminal will be for mission planning. The planning algorithm now in preparation will utilize a basic computer procedure which repeatedly executes a series of operations until some condition is satisfied to develop optimized flight plans. Because of the Office of Special Activities location, far removed from the computers and the extensive data banks required to feed in order-of-battle, demographic, topographic and other vital inputs; and because of the time involved in using repetitive techniques, a remote terminal is essential. The existing secure lines between Headquarters and Tyler Building will be used to complete the link-up of this remote terminal to the Headquarters computer complex.
3. In addition to the primary mission for this installation, it will also permit the transmission of finalized flight plans directly from the Tyler Building to as well as providing near real-time flight-following information to the Control Center by using already existing facilities.
4. On a time available basis, the terminal will also have the capability to aid Tyler Building personnel with management tools such as information retrieval, storage and high-speed reproduction of documents.
5. It is necessary to acquire and install this equipment as soon as possible in order to have it available for training flight planners

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prior to the start of the AQUILINE system validation program. Funds for this installation are included in the Communications portion of OSA's AQUILINE FY 71 budget.

6. Attachment A is a copy of the UNIVAC proposal for the AQUILINE remote terminal which would be installed on a lease basis. Equipment descriptions and pricing are included in the proposal.

7. [redacted], Office of Computer Services, has examined this proposal and agrees that the requested equipment will satisfy OSA's requirements (see Attachment B).

8. The only viable alternative to installing this equipment in Tyler Building is the transfer of OSA's AQUILINE Division to Headquarters. The use of the Office of Computer Services' equipment would satisfy AQUILINE's primary requirements, but would deny flight-following information which may be required for command decisions.

9. Your approval is requested for the installation of a UNIVAC 9200 remote terminal in the Tyler Building to support Project AQUILINE. The lease is for \$ [redacted] to install and operate this terminal for six months.

[redacted]

CARL E. DUCKETT  
Deputy Director  
for  
Science and Technology

Attachments: 2  
A and B

SIGNATURE RECOMMENDED:

[redacted]

Director of Special Activities

1 December 1970  
Date

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The request contained in  
paragraph 9 is approved:

[Redacted Signature]

Executive Director-Comptroller

26 Mar 71  
Date

C/AQUI/O/OSA/[Redacted] (24 November 1970)

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