MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PROJECT MAC

To: Readers of the Project MAC Computer Systems Research proposals

From: J. H. Saltzer

Date: October 25, 1973

Subject: Interpretation of the two proposals

        Enclosed are two apparently similar proposals for a single research
project to be undertaken by the Computer Systems Research Division of M.I.T.
Project MAC. These two proposals are directed to two distinct sponsors,
which are cooperating in providing funding for the project:

   1.   The Advanced Research Projects Agency, monitored by the
        Air Force Electronic Systems Division.

   2.   Honeywell Information System Inc. Data Systems Operations.

Each of the sponsors is aware of the other's contribution, and therefore
a single basic proposal with minor addressing variations and distinct
budgetary itemization has been developed. The proposals differ only in
their title page, and pages 10, 42, and 43. The budget estimates, on pages
42 and 43, are the only important differences: the proposal addressed to
ARPA/ESD itemizes only expenditures to be charged to ARPA/ESD, with brief
mention of the HISI contribution. The proposal to HISI itemizes all pro-
posed expenditures, with breakdown of the total by supporting organizations.
These differing formats have been chosen to meet the different internal
requirements of the two organizations.

        If you have any questions on the format or content of either
proposal, please call me at (617) 253-6016.

For Submission to: Advanced Research Projects Agency

    Attention of: Dr. Steven Crocker

Brief Summary

The proposed research program would make possible the certification, by auditing, of the correctness of the centrally protected core of a general-purpose, remote-accessed, multi-user computer system. The mechanisms which control the sharing of information, and thus provide privacy and security, are of primary interest. The project includes development of a working prototype.

A separate proposal, to the Honeywell Information Systems Inc., requests additional support for this project for computer time purchase in the amount of $150,000 per year.

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