

Department, Lab, or Center Laboratory for Computer Science Sub-Unit _____ Dept. No. _____

Title of Proposal Continuation of Research on Engineering of a Computer System for which Security can be Certified by Auditing

For Submission to Honeywell Information Systems Inc., 7900 Westpark Drive, McLean, Virginia
Attention of R. M. Carlson, Contracts Administrator

Date by which this proposal must leave M.I.T. A.S.A.P. No. of copies to sponsor 12

New Project Renewal Yes No

Present M.I.T. Account No. 83682 Mark appropriate boxes: Response to RFP

Period Proposed 7/1/76 - 9/30/77 Sponsor expecting to receive proposal

Total Dollar Amount this Proposal _____ Sponsor expected to accept proposal

First year amount _____ Revised budget (indicate change below)

PERSONNEL (THIS PROPOSAL)				FIRST PERIOD BUDGET
Faculty	Total Head Count	Total Man-mos	New People to be hired	(mos.)
Name (if known) _____ % of time _____	Faculty _____	_____	_____	Sal & Wages _____
_____	Other Acad _____	_____	_____	Benefits _____
_____	Grad Stud _____	_____	_____	Overhead (___ %) _____
_____	DSR Staff _____	_____	_____	Equipment _____
_____	Other _____	_____	_____	Mat and serv _____

COMPUTER services required? Yes No If yes: _____

Specific Machine	Facility	Total hours	Total Cost
Honeywell 6180	I.P.C.	_____	\$110,000*
Honeywell 68/80	Honeywell	_____	37,000*

Use of human subjects: Yes No If yes: _____

Date of approval of protocol by MIT committee _____ Protocol No. _____

Use of animals? Yes No If yes: Species _____ Number _____

Is space available? Yes No * These services will be supplied by the sponsors directly rather than by funds under this contract.

Give room numbers of spaces to be used for this research: NE43-501-513 and 535-540

Do you foresee submitting a Space Change Request for this project? Yes No

BRIEF SUMMARY AND SPECIAL INFORMATION The Computer Systems Research Division of the M.I.T. Laboratory for Computer Science (formerly Project MAC) proposes the continuation of its research program to make possible the certification, by auditing, of the centrally protected core of a general-purpose, remote-accessed, multi-user computer system. The current contract between HISI and M.I.T. (actually a directed subcontract of a cost-sharing contract between AF/ESD and HISI) provides funding through June, 1976. Progress during the last 12 months in file system simplification has been largely as expected, so it is proposed here that the original work planned for the next 15 months be continued.

TECHNICAL APPROVAL
Supervisor [Signature] Date 7/16/76
Dept. or Lab Head _____ Date _____
Dean, Provost or V.P. _____ Date _____
Final Review _____ Date _____

FISCAL APPROVAL
OSP _____ Date _____
V.P. for Financial Operations _____ Date _____
Added Information: _____