STANDARDS AND PROCUREMENT GUIDE FOR UNCLASSIFIED MICROCOMPUTER HARDWARE AND SOFTWARE

Purpose

This document is a guide to be followed in the procurement of microcomputer hardware and software that is intended for the processing of both unclassified and protected(A) information at EAITC sites in Canada and abroad. It sets standards to ensure that all micro computer hardware and software to be purchased from fiscal 1991/92 onwards is compatible with and may be connected to the global information network that is being implemented in COSICS II. Hardware and software that will be used for classified processing must meet additional standards that are outside of the scope of this document and **must be procured through the Telecommunications Division (MST).**

Detailed standards for hardware and software procurement are set out in **Appendix A**. A glossary of technical terms which are either used in this document or may be encountered in the procurement process is contained in **Appendix B**. A list of specific manufacturers of various microcomputers that have been certified by at least one of the major LAN operating system vendors being considered for COSICS II are listed in **Appendix C**. The standards for classified processing will follow these guidelines as far as possible for computing standards; however, minor adjustments may be required because of Tempest availability.

Compatibility with COSICS II

COSICS II will provide a global infrastructure for both classified and unclassified desktop-to-desktop messaging, office productivity tools and corporate information systems. The goal is to have workstations on the desks of all Canada-based staff and virtually all locally-engaged staff worldwide by the end of fiscal 1993/94. Unclassified workstations will all be connected through local area networks (LANs) and interconnected in a global wide area network (WAN) through the Departmental communication system (MITNET). This level of connectivity requires **compatibility** and hence adherence to standards.