

ATTACHMENT 8

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GLOSSARY OF TERMS AND ABBREVIATIONS

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1 TERMS. The definitions and explanations set forth in this glossary are an integral part of the terms and conditions of this contract. Unless listed below, the terms and definitions in FIPS Pub 11-2 (Guideline: American National Dictionary for Information Processing Systems) apply.

Acceptance Date. First day of the successful Acceptance Test.

Alteration. Any change to a machine that deviates from the physical, mechanical, or electrical machine design (including microcode), whether or not additional devices or parts are required.

Asynchronous. Mode of data transmission in which a start and a stop bit are used to frame a character. The occurrence of bits within a character are precisely timed, and there is a variable time interval between characters.

Attachment. The mechanical, electrical, or electronic interconnection of equipment manufactured by other than the original equipment manufacturer of the machine or system.

Basic/Initial Contract Period. The period from the date of award to the end of the fiscal year in which the contract is awarded.

Bona Fide Attempt. Government's attempt to contact the Contractor's maintenance personnel at the contact point(s) designated by the Contractor. If contact is made within 30 minutes the response time shall start at the time of contact. If contact cannot be made within 30 minutes after the first attempt to make contact, the response time shall start 30 minutes after the first attempt to make contact. If the 30-minute limit for contact has expired, the Government will continue its attempt to make contact.

Cache. A fast storage buffer in the central processing unit of a computer.

Central Processing Unit. The component of a computer system that includes the circuitry control for the interpretation and execution of instructions.

Component. An individual unit, including features installed thereon, of a data processing system, or subsystem, identified by a type or model number, such as a central processing unit, etc. An individual software program, routine, or subroutine listed by product.

Component downtime. The period of time when the component is unable to meet the required specifications.

Compressed Print. Between 14 and 19 characters per inch.

Concurrent Users. Logged on users performing simultaneous operations or processes.

Contract Life. The expected duration of the contract including the initial contract period and all the associated priced option periods.

Database Management System. A systematic approach to storing, updating, and retrieving information stored as data items, usually in the form of records in a file, where many users, or even many remote installations, will use common collections of data.

Database Object. Database objects are named elements that are maintained by a relational database management system. Most database objects occupy space in the database. Some database objects, such as space definitions, exist to hold other database objects. Tables are the only database objects that hold user data and which a user can access directly. All database objects have a creator and an owner.

Data Processing System/Subsystem. The total complement of individual machines and operation software furnished by the Contractor and acquired to operate as an integrated group.

Day(s). Unless otherwise specified, day(s) shall be interpreted to mean calendar day(s).

Direct-connect. One device connected to another without the use of a local area network (LAN).

Direct Memory Access. High-speed data transfer operation in which an I/O channel transfers information directly between peripheral devices and the memory without intervention by the central processing unit.

Downtime. The cumulative sum of scheduled operational time during which either the system or a component is inoperable due to a malfunction, beginning when the Government has made a bona fide attempt to contact the Contractor's designated representative at the prearranged point of contact and continuing until the system or component is returned to the Government in proper operating condition.

Drayage. The work required to handle the equipment, after delivery and prior to the installation.

Effectiveness Level. The effectiveness level for a component is a percentage determined by dividing productive time by the sum of productive time and downtime.

Equipment. An all inclusive term that refers either to individual components or to the total complement of components required to operate as an integrated group.

Equipment/Operating Software Failure. A malfunction in the Contractor-supplied equipment and/or operating software excluding all external factors, which prevents the accomplishment of a job.

Fail-safe. Incorporating some feature for automatically counteracting the effect of an anticipated possible source of failure.

Function Key. A key on a terminal keyboard that causes the transmission of a signal not associated with a printable character. Detection of the signal usually causes the system to perform some predefined function for the user.

Hands-on Training. Training where students use equipment and/or software to apply theory to practical exercises.

Install. To set up, connect, and integrate ordered components ready for use by the Government.

Installation Date. The date the Government accepts the Contractor's certification that the ordered system and/or components are ready for use by the Government.

Non-addressable. Cannot be accessed by a group of characters that identify it.

On-call Maintenance Service. Contractor-provided maintenance service of equipment and software requested by the Government during the principal period of maintenance or extensions, at a fixed monthly rate, regardless of the number of requests for maintenance made by the Government. The Contractor maintenance personnel who perform this maintenance are dispatched from a location designated by the Contractor.

Operational Use Time.

Operational use time is that time during which equipment is in actual operation, exclusive of idle time, standby time, or maintenance time; not synonymous with "power-on" time.

Operational use time for performance testing of a system shall be the

accumulated time during which the central processing unit is in actual use including only intervals of time recorded between the start and the stop of programs.

Operational use time for performance testing of an added, field-modified, substitute, or replacement component shall be the accumulated time during which the components is in actual use.

Operational use time shall be measured in hours and whole minutes.

Option Period/Priced Option Period. Those periods that follow the initial contract period. The periods are normally one year for each option and coincide with the Government's fiscal year. The Government requires these option periods to be priced at time of award of the initial contract period.

Pass/Fail. The number of iterations that each script shall be required to perform for each configuration and for ch mix in the time mandated by the Government.

Per-call Maintenance Service. Contractor-provided remedial maintenance service of equipment and operating software requested by the Government when no other maintenance service is ordered. Per-call maintenance service is charged at an hourly per-call rate. The Contractor's maintenance personnel who perform this maintenance are dispatched from a location designated by the Contractor.

Perpetual License. The software license which does not terminate at the end of the contract life but, rather, remains effective in perpetuity, without further obligation for payment of license fees or use charges. Unless otherwise mutually agreed upon by the parties, the perpetual license shall include only those rights, restrictions, and remedies pertaining to the use of the software as set forth in the contract or in any license specifically incorporated by reference therein.

Preventive Maintenance. The scheduled maintenance, designed to keep the equipment in proper operating condition, performed by the Contractor or under the technical direction of the Contractor.

Productive Time. The cumulative sum of time, based upon the scheduled operational day, during which power is applied to a system or a component and it is functionally available to process the Government's workload.

Proper Operating Condition. That status of the system or component when it will accomplish the function for which it was provided.

Remedial Maintenance. That maintenance performed by the Contractor as the result of a failure of a Contractor-supplied component. It is performed as required and therefore on an unscheduled basis.

Remote location (as it pertains to networking). The ability to access the computer through a data link using a wide area network or a local area network.

Rigging. Any equipment, such as, ropes and chains needed to move other equipment.

Slave. A device controlled by another device.

Substitutions. Any component acquired to replace similar or identical component, which is part of a system or subsystem, whether or not the substitution(s) is obtained from or manufactured by the original supplier of the system or subsystem.

System Downtime. Period of time when the system is unusable for processing the Government's workload due to equipment and/or operating software failure(s).

System Network Architecture. IBM's standardized relationship between its virtual telecommunication access method and the network control program.

Total Monthly Charge. All recurring charges within a given month.

Total System. The total hardware and software specified on a delivery order for a specific configuration and any subsequent components added to that configuration.

X-Window. A windowing environment for graphics workstations. It is designed to allow graphics generated in one computer to run under any other operating system.

ABBREVIATIONS. The following abbreviations and their definitions are an integral part of the terms and conditions of this contract. Unless listed below, the abbreviations and definitions in FIPS Pub 11-2 (Guideline: American National Dictionary for Information Processing Systems) apply.

ADPE	-	Automatic Data Processing Equipment
AFCAC	-	Air Force Computer Acquisition Center
AFCC	-	Air Force Communications Command
AFR	-	Air Force Regulation
AFSSI	-	Air Force Sanitation Software Instructions
ANSI	-	American National Standards Institute, Inc.
APP	-	Applications Portability Profile
AWG	-	American Wire Gauge
BAFO	-	Best and Final Offer
BNC	-	Coaxial Connector
BPS	-	bits per second
BTU	-	British Thermal Unit
CAI	-	Computer Aided Instruction
CALS	-	Computer Aided Logistics Support
CASE	-	Computer Aided Software Engineering
CCITT	-	Consultative Committee on International Telegraph and Telephone
CD-ROM	-	Compact Disk Read Only Memory
CDRL	-	Contract Data Requirements List
CGM	-	Computer Graphics Metafile
CICS	-	IBM's Customer Information Control System (software)
CMIP	-	Common Management Information Protocol
CMIS	-	Common Management Information Service
CONUS	-	the 48 contiguous states of the continental United States
DAHC	-	LOGMARS DAHC 94-88-D-0007 contract (Bar Code)
DAS	-	Direct Access Storage
dB	-	Decibel

DCA - Defense Communications Agency  
DCE - Data Circuit-terminating Equipment  
DDN - Defense Data Network  
DFMS - Data File Management System  
DIF - Document Interchange Format NAVY (MIL-STD 2002)  
DoD - Department of Defense  
DSN - Defense Switched Network  
DSU - Data Service Unit  
DTR - Data Terminal Ready

EBCDIC - Extended Binary-coded Decimal Interchange  
EGA - Enhanced Graphics Adapter  
EIA - Electronic Industries Association  
EPS - Encapsulated Postscript  
ESIS - End System-intermediate System

FAR - Federal Acquisition Regulations  
FC - File Conversion  
FDDI - Fiber Distributed Data Interface  
FIPS - Federal Information Processing Standards  
FMS - File Management System  
FOIA - Freedom of Information Act  
FTAM - File Transfer, Access and Management protocol/service (FIPS 146)  
FTP - File Transfer Protocol (MIL-STD-1780)

GB - Gigabyte (one billion bytes)  
GCR - Group Encoded Recording  
GOE - Government Owned Equipment  
GOSIP - Government Open Systems Interconnection Profile (FIPS 146)  
GUI - Graphical User Interface

HQ - Headquarters  
HR - Hour

IAW - in accordance with  
IBM - registered trademark of International Business Machines, Inc.  
IEEE - the Institute of Electrical and Electronics Engineers, Inc.  
IGES - Initial Graphics Exchange Specification Organization  
IP - Internet Protocol  
ISDN - Integrated Services Digital Network  
ISO - International Standards Organization  
Intel - Intel Corporation

KB - Kilobyte (one thousand bytes)  
Kbps - Kilobits per second

LAN - Local Area Network  
LCD - Liquid Crystal Display  
LED - Light Emitting Diode  
LSA - Limited Space Accumulation  
LTD - Live Test Demonstration

MAU - Medium Attachment Unit  
MIL-STD - Military Standard  
MTBF - Mean Time Between Failure  
MTTR - Mean Time To Repair

NCSC - National Computer Security Center  
 NCSL - National Computer System Laboratory  
 NFS - Network File System  
 NIC - Network Interface Card  
 NIST - National Institute of Standards and Technology  
 NMS - Network Management System  
 NSP - Network Support Plan  
 NVLAP - National Voluntary Lab Accreditation Program

OA - Office Automation  
 OCONUS - outside of the 48 contiguous states of the United States.  
 OCPPM - On-call Principal Period of Maintenance  
 OCR - Optical Character Reader  
 ODA - Office Document Architecture  
 OEM - Original Equipment Manufacture  
 OPPM - Outside Principal Period of Maintenance  
 OSI - Open System Interconnection  
 PBX - Private Branch Exchange  
 PCPPM - Per-call Principal Period Maintenance  
 PDN - Public Data Network  
 PE - Phase Encoded  
 PHIGS - Programmers Hierarchical Interactive Graphics Standard  
 PIC - Graphic image format used by Lotus  
 POSIX - Portable Operating System Interface for Computer Environments  
 PSN - Packet Switching Node

QAE - Quality Assurance Evaluator

RDBMS - Relational Database Management System  
 RFC - Request For Comments  
 RFP - Request for Proposal  
 RGB - Red Green Blue  
 RJE - remote job entry  
 RPC - Remote Procedure Call

SDLC - Synchronous Data Link Control  
 SMB - Systems Message Block  
 SMI - Structure of Management Information  
 SMTP - Simple Mail Transfer Protocol  
 SNA - System Network Architecture  
 SQL - Standard Query Language  
 SYLK - A Symbolic Link file is a file format compatible with Microsoft's Multiplan spreadsheets.

TCB - Trusted Computing Base  
 TCP - Transmission Control Protocol  
 TNI - Trusted Network Interpretation

ULANA - Unified Local Area Network Architecture  
 USA - United States of America

VAI - Video Aided Instruction  
 VAN - Value Added Network  
 VGA - Video Graphics Array

10BASEF - IEEE 802.3 type 10 Mbps LAN using fiber optic cable  
 10BASET - IEEE 802.3 10 Mbps LAN using twisted pair cable

- 10BASE2 - ANSI/IEEE Standard 802.3-1988 (and 802.3a-1988 and 802.3c-1988)  
compliant LAN
- 10BASE5 - ANSI/IEEE Standard 802.3-1988 (and 802.3c-1988) compliant LAN