



Acquisition & Assistance Policy Directive (AAPD)

From the Director, Office of Acquisition & Assistance

AAPD No. 16-02, **Revision 5**

Clauses And Special Contract Requirements For Facilities Access, Security, and Information Technology (IT)

Issued: **May 21, 2024**

AAPDs provide information of significance to all Agency personnel and partners involved in the Acquisition and Assistance process. Information includes (but is not limited to): advance notification of changes in acquisition or assistance regulations; reminders; procedures; and general information. AAPDs may be used to implement new requirements on short notice, pending formal amendment of acquisition or assistance regulations. Each AAPD is effective as of the issuance date on its cover page unless otherwise noted elsewhere in the AAPD guidance; the directives remain in effect until the specified expiration date (if any) or M/OAA/Policy issues a rescission.

This AAPD is: New Replaces: AAPD 16-02, **Revision 4**

Category: Acquisition Assistance PSCs

This AAPD applies to: Solicitations New awards Existing awards
 Modification required

This AAPD precedes changes to:

FAR _____ AIDAR 704, 739, 752 CFR _____

ADS _____ Other _____ No change to regulations

Clause/Provision: New Provision/Clause Provided Herein Available in GLAAS

Contains a deviation? No Yes: #M-OAA-DEV-AIDAR-24-05c effective until: 4/30/2025

Jami J. Rodgers, Director, M/OAA

I. **Purpose**

This AAPD contains instructions and guidance regarding various information technology (IT) and security clauses. AAPD 16-02 was originally issued with an effective date of May 3, 2016. It was subsequently renewed on May 1, 2018 (Revision 1), April 30, 2020 (Revision 2), April 30, 2022 (Revision 3), and April 9, 2024 (Revision 4). This Revision 5 reflects changes to remove clauses that are now permanently established in the AIDAR, due to a [final rule](#) published by USAID. In addition, the M/OAA Director approved Class Deviation No. M-OAA-DEV-AIDAR-24-05c to authorize the renewal of the remaining clauses in this AAPD (available in Attachment 1).

This AAPD continues in effect until **April 30, 2025**, unless rescinded earlier.

II. **Required Actions:**

- A. **Required clauses:** Contracting Officers (COs) must insert the clauses found in **Attachment 1** of this AAPD in solicitations and contracts, when applicable and in accordance with each clause prescription. These special contract requirements **remain unchanged** from previous versions of AAPD 16-02. Class Deviation No. M-OAA-DEV-AIDAR-24-05c authorizes the continued use of these special contract requirements in Section H of solicitations and contracts:

- (1) [Restrictions Against Disclosure](#)
- (2) [Media and Information Handling and Protection](#)
- (3) [Privacy and Security Requirements](#)
- (4) [Security Requirements for Unclassified Information Technology Resources](#)
- (5) [Cloud Computing](#)

The clauses in **Attachment 1** must continue to be used until revised by a subsequent AAPD revision or addressed by formal rulemaking. These clauses are impacted by related USG-wide rulemaking by the Federal Acquisition Regulation (FAR) Council. USAID continues to monitor rulemaking at the Federal level and will address any rulemaking or other adjustments related to these clauses based on those developments.

- B. **Other clauses previously included in this AAPD:** On May 20, 2024, USAID's "Security and Information Technology Requirements" [final rule](#) was effective. This rule removed the following definition and clauses from this AAPD and established

them permanently in the [AIDAR](#). COs must insert these clauses in solicitations and contracts in accordance with their prescriptions found in the AIDAR. The clauses may now be incorporated by reference into applicable solicitations and contracts:

Name	Available at
Definition of “Information Technology”	AIDAR Part 739
Access to USAID Facilities and USAID’s Information Systems	AIDAR 752.204-72
Information Technology Authorization	AIDAR 752.239-70
Information and Communication Technology Accessibility	AIDAR 752.239-71
USAID-Financed Project Websites	AIDAR 752.239-72

C. **Obsolete clauses:** Please note that the following two clauses from prior versions of AAPD 16-02 have been rescinded and are no longer required by any USAID policy or regulation. These clauses should **no longer be included in any new solicitations or contracts, and COs must not monitor or enforce compliance with their requirements under existing contracts:**

- **Software License** (May 2016)
- **Skills and Certification Requirements for Privacy and Security Staff** (April 2018)

M/OAA sent a [letter to contractors](#) to inform them that these two clauses will no longer be included in new solicitations or contracts, or enforced under existing contracts.

III. **Guidance**

COs must work with Contracting Officer’s Representatives (CORs) to identify which of the clauses found in this AAPD must be included in applicable solicitations and resulting awards. In addition, COs must ensure that CORs are made aware of the requirements of these clauses, as there are additional responsibilities for contract deliverables and approvals. COs and CORs must follow ADS Chapters [300](#) and [302](#) policies and procedures for coordination of M/CIO’s approval of the IT products/services, as applicable. Note: The acquisition of IT for host countries – e.g., a Health Information System for the Government of Kenya or laptops for El Salvador public schools – may

not be subject to these special requirements; see [ADS 509.3.1](#) for additional information.

Modification of existing contracts: USAID contractors may make a request to their cognizant CO to replace existing clauses in their contract with the revised versions **now available in the AIDAR**, as indicated above. COs have the discretion to modify existing contracts to replace prior versions of the clauses from this AAPD with the new versions found in **the AIDAR**, or to modify existing contracts to remove the two obsolete clauses noted above.

IV. Background

The increasing dependency on Information Technology systems and networked operations pervades nearly every aspect of the world and global economies. While bringing significant benefits, this dependency also introduces vulnerabilities to cyber-based threats. As such, cybersecurity is one of the most serious economic and national security challenges we face. This underscores the importance of safeguarding critical and sensitive information and information systems.

The increasing number and severity of data breaches and cyber security incidents have resulted in real costs and consequences to the Federal government and global partners around the world. This becomes more significant as Federal Agencies, including USAID, increasingly rely on contractors for a variety of information technology (IT) services. The federal government recognizes the seriousness of cybersecurity and is committed to improving safeguards for information and information systems that support the operations and assets of federal agencies, including those provided or managed by other federal entities and contractors. The Office of Management and Budget's (OMB) analysis of an increasing number of cybersecurity events, both within and outside of government, indicates that the risk of these incidents can be mitigated through implementation of enhanced cybersecurity practices and procedures. In order to manage risks and threats effectively, USAID must continue to focus on improving cybersecurity and implementing these cybersecurity procedures.

As part of this effort, the Bureau For Management, Office of the Chief Information Officer (M/CIO) coordinated with the Office of Acquisition and Assistance (M/OAA) and the Office of General Counsel (GC) to develop special requirements for contracts so that the Agency's information systems and contractors supporting such systems can meet Federal security guidelines. Class deviations were originally approved in 2016 and updated in 2018, 2020, and 2022. AAPD 16-02 has housed the special contract

requirements since 2016, with guidance to assist Bureaus, Offices (B/IOs) and Missions in including appropriate privacy, cybersecurity, or other requirements in their awards.

Formal rulemaking was completed for several clauses previously found in this AAPD. As the [final rule](#) was effective on May 20, 2024, these clauses were removed from this AAPD and established permanently in the [AIDAR](#). M/CIO, M/OAA, and GC intend to address any necessary rulemaking for the clauses found in **Attachment 1** of this AAPD once related USG-wide rulemaking is completed in the Federal Acquisition Regulation (FAR).

Class Deviation No. M-OAA-DEV-AIDAR-24-05c authorizes the use of the regulatory text found in **Attachment 1**.

V. **Point of Contact**

Contracting Officers may direct their questions about this AAPD to the ["Ask M/OAA Policy"](#) Google Group. For questions specific to IT policies, contact itauthorization@usaid.gov.

VI. **Attachments**

Attachment 1: Clauses Required by AAPD 16-02

Attachment 1: Clauses Required by AAPD 16-02

(1) Restrictions Against Disclosure

Insert the following special contract requirement in services contracts, including information technology and architect-engineer contracts, supply contracts, and construction contracts requiring a restriction on the release of information developed or obtained in connection with performance of the contract.

**Restrictions Against Disclosure (MAY 2016)
(DEVIATION NO. M-OAA-DEV-AIDAR-24-05c)**

(a) The Contractor agrees, in the performance of this contract, to keep the information furnished by the Government or acquired/developed by the Contractor in performance of the contract and designated by the Contracting Officer or Contracting Officer's Representative, in the strictest confidence. The Contractor also agrees not to publish or otherwise divulge such information, in whole or in part, in any manner or form, nor to authorize or permit others to do so, taking such reasonable measures as are necessary to restrict access to such information while in the Contractor's possession, to those employees needing such information to perform the work described herein, i.e., on a "need-to-know" basis. The Contractor agrees to immediately notify the Contracting Officer in writing in the event that the Contractor determines or has reason to suspect a breach of this requirement has occurred.

(b) All Contractor staff working on any of the described tasks may, at Government request, be required to sign formal non-disclosure and/or conflict of interest agreements to guarantee the protection and integrity of Government information and documents.

(c) The Contractor shall insert the substance of this special contract requirement, including this paragraph (c), in all subcontracts when requiring a restriction on the release of information developed or obtained in connection with performance of the contract.

(End)

(2) Media and Information Handling and Protection

Insert the following special contract requirement in all solicitations and contracts for “Information Technology” (as defined in AIDAR 739.002) where contractors may be required to handle “Sensitive Information” as defined in the special contract requirement. This requirement applies when the IT services or equipment or system(s) are for use by the Agency directly or by a contractor under a contract that requires use of the services or equipment or system(s), or requires use of the services or equipment to a significant extent in the performance of a service or the furnishing of a product. This requirement is not applicable for any equipment that is acquired by a contractor incidental to a contract that does not require use of the equipment.

Media and Information Handling and Protection (APRIL 2018) (DEVIATION NO. M-OAA-DEV-AIDAR-24-05c)

(a) *Definitions.* As used in this special contract requirement-

“Information” means any communication or representation of knowledge such as facts, data, or opinions in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual. This also includes but not limited to all records, files, and metadata in electronic or hardcopy format.

“Sensitive Information or Sensitive But Unclassified” (SBU) means information which warrants a degree of protection and administrative control and meets the criteria for exemption from public disclosure set forth under Sections 552 and 552a of Title 5, United States Code: the Freedom of Information Act and the Privacy Act, 12 FAM 540 Sensitive but Unclassified Information (TL;DS-61;10-01-199), and 12 FAM 541 Scope (TL;DS-46;05-26-1995). SBU information includes, but is not limited to: 1) Medical, personnel, financial, investigatory, visa, law enforcement, or other information which, if released, could result in harm or unfair treatment to an individual or group, or could have a negative impact upon foreign policy or relations; and 2) Information offered under conditions of confidentiality, arising in the course of a deliberative process (or a civil discovery process), including attorney-client privilege or work product, and information arising from the advice and counsel of subordinates to policy makers “Media” means physical devices or writing surfaces including but not limited to magnetic tapes, optical disks, magnetic disks, Large Scale Integration (LSI) memory chips, and printouts (but not including display media) onto which information is recorded, stored, or printed within an information system.

(b) This special contract requirement applies to the Contractor and all personnel providing support under this contract (hereafter referred to collectively as “Contractor”) and addresses specific USAID requirements in addition to those included in the Federal Acquisition Regulation (FAR), Privacy Act of 1974 (5 U.S.C. 552a - the Act), E-Government Act of 2002 - Section 208 and Title III, Federal Information Security Management Act (FISMA), the Health Insurance

Portability and Accountability Act of 1996 (HIPAA, Pub. L. 104-191, 110 Stat. 1936), the Sarbanes-Oxley Act of 2002 (SOX, Pub. L. 107-204, 116 Stat 745), National Institute of Standards and Technology (NIST), Federal Information Processing Standards (FIPS) and the 800-Series Special Publications (SP), Office of Management and Budget (OMB) memorandums, and other laws, mandates, or executive orders pertaining to the development and operations of information systems and the protection of sensitive information and data.

(c) Handling and Protection. The Contractor is responsible for the proper handling and protection of Sensitive Information to prevent unauthorized disclosure. The Contractor must develop and implement policies or documentation regarding the protection, handling, and destruction of Sensitive Information. The policy or procedure must address at a minimum, the requirements documented in NIST 800-53 Revision 4 or the current revision for Media Protection Controls as well as the following:

- (1) Proper marking, control, storage and handling of Sensitive Information residing on electronic media, including computers and removable media, and on paper documents.
- (2) Proper security, control, and storage of mobile technology, portable data storage devices, and communication devices.
- (3) Proper use of FIPS 140-2 compliant encryption methods to protect Sensitive Information while at rest and in transit throughout USAID, contractor, and/or subcontractor networks, and on host and client platforms.
- (4) Proper use of FIPS 140-2 compliant encryption methods to protect Sensitive Information in email attachments, including policy that passwords must not be communicated in the same email as the attachment.

(d) Return of all USAID Agency records.

Within five (5) business days after the expiration or termination of the contract, the contractor must return all Agency records and media provided by USAID and/or obtained by the Contractor while conducting activities in accordance with the contract.

(e) Destruction of Sensitive Information: Within twenty (20) business days after USAID has received all Agency records and media, the Contractor must execute secure destruction (either by the contractor or third party firm approved in advance by USAID) of all remaining originals and/or copies of information or media provided by USAID and/or obtained by the Contractor while conducting activities in accordance with the contract. After the destruction of all information and media, the contractor must provide USAID with written confirmation verifying secure destruction.

(f) The Contractor shall include the substance of this special contract requirement in all subcontracts, including this paragraph (f).

(End)

(3) Privacy and Security Requirements

Insert the following special contract requirement in all solicitations and contracts for “Information Technology” (as defined in AIDAR 739.002) or that include a component for IT. This requirement applies when the IT is for use by the Agency directly or by a contractor under a contract that requires use of the services or equipment or system(s) or requires use of the services or equipment to a significant extent in the performance of a service or the furnishing of a product. This requirement is not applicable for any equipment that is acquired by a contractor incidental to a contract that does not require use of the equipment.

Privacy and Security Information Technology Systems Incident Reporting (APRIL 2018) (DEVIATION NO. M-OAA-DEV-AIDAR-24-05c)

(a) *Definitions.* As used in this special contract requirement-

“Information” means any communication or representation of knowledge such as facts, data, or opinions in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual.

“Sensitive Information” or “Sensitive But Unclassified” Sensitive But Unclassified (SBU) describes information which warrants a degree of protection and administrative control and meets the criteria for exemption from public disclosure set forth under Sections 552 and 552a of Title 5, United States Code: the Freedom of Information Act and the Privacy Act, 12 FAM 540 Sensitive but Unclassified Information (TL;DS-61;10-01-199), and 12 FAM 541 Scope (TL;DS-46;05-26-1995). SBU information includes, but is not limited to: 1) Medical, personnel, financial, investigatory, visa, law enforcement, or other information which, if released, could result in harm or unfair treatment to an individual or group, or could have a negative impact upon foreign policy or relations; and 2) Information offered under conditions of confidentiality, arising in the course of a deliberative process (or a civil discovery process), including attorney-client privilege or work product, and information arising from the advice and counsel of subordinates to policy makers, “Personally Identifiable Information (PII)”, means information that can be used to distinguish or trace an individual's identity, such as their name, Social Security Number (SSN), biometric records, etc., alone, or when combined with other personal or identifying information which is linked or linkable to a specific individual, such as date and place of birth, mother's maiden name, etc. The definition of PII is not anchored to any single category of information or technology. Rather, it requires a case-by-case assessment of the specific risk that an individual can be identified. In performing this assessment, it is important to recognize that non-PII can become PII whenever additional information is made publicly available — in any medium and from any source — that, when combined with other available information, could be used to identify an individual. PII examples include name, address, SSN, or other identifying number or code, telephone number, and e-mail address. PII can also consist of a combination of indirect data elements such as gender, race, birth date, geographic indicator (e.g., zip code), and

other descriptors used to identify specific individuals. When defining PII for USAID purposes, the term “individual” refers to a citizen of the United States or an alien lawfully admitted for permanent residence.

“National Security Information” means information that has been determined pursuant to Executive Order 13526 or any predecessor order to require protection against unauthorized disclosure and is marked to indicate its classified status when in documentary form. Classified or national security information is specifically authorized to be protected from unauthorized disclosure in the interest of national defense or foreign policy under an Executive Order or Act of Congress.

“Information Security Incident” means an occurrence that (1) actually or imminently jeopardizes, without lawful authority, the integrity, confidentiality, or availability of information or an information system; or (2) constitutes a violation or imminent threat of violation of law, security policies, security procedures, or acceptable use policies.

“Spillage” means a security incident that results in the transfer of classified or other sensitive or sensitive but unclassified information to an information system that is not accredited, (i.e., authorized) for the applicable security level of the data or information.

“Privacy Incident” means a violation or imminent threat of violation of security policies, acceptable use policies, or standard security practices, involving the breach of Personally Identifiable Information (PII), whether in electronic or paper format.

(b) This special contract requirement applies to the Contractor and all personnel providing support under this contract (hereafter referred to collectively as “Contractor”) and addresses specific USAID requirements in addition to those included in the Federal Acquisition Regulation (FAR), Privacy Act of 1974 (5 U.S.C. 552a - the Act), E-Government Act of 2002 - Section 208 and Title III, Federal Information Security Management Act (FISMA), the Health Insurance Portability and Accountability Act of 1996 (HIPAA, Pub. L. 104-191, 110 Stat. 1936), the Sarbanes-Oxley Act of 2002 (SOX, Pub. L. 107-204, 116 Stat 745), National Institute of Standards and Technology (NIST), Federal Information Processing Standards (FIPS) and the 800-Series Special Publications (SP), Office of Management and Budget (OMB) memorandums, and other laws, mandates, or executive orders pertaining to the development and operations of information systems and the protection of sensitive information and data.

(c) Privacy Act Compliance

Contractors must comply with the Privacy Act of 1974 requirements in the design, development, or operation of any system of records on individuals (as defined in FAR) containing PII developed or operated for USAID or to accomplish a USAID function for a System of Records (SOR).

(d) IT Security and Privacy Training

(1) All Contractor personnel must complete USAID-provided mandatory security and privacy training prior to gaining access to USAID information systems and annually thereafter.

(2) The USAID Rules of Behavior and all subsequent updates apply to and must be signed by each user prior to gaining access to USAID facilities and information systems, periodically at the request of USAID. USAID will provide access to the rules of behavior and provide notification as required.

(3) Security and privacy refresher training must be completed on an annual basis by all contractor and subcontractor personnel providing support under this contract. USAID will provide notification and instructions on completing this training.

(4) Contractor employees filling roles identified by USAID as having significant security responsibilities must complete role-based training upon assignment of duties and thereafter at a minimum of every three years.

(5) Within fifteen (15) calendar days of completing the initial IT security training, the contractor must notify the COR in writing that its employees, in performance of the contract, have completed the training. The COR will inform the contractor of any other training requirements.

(e) Information Security and Privacy Incidents

(1) Information Security Incident Reporting Requirements: All Information Security Incidents involving USAID data or systems must be reported in accordance with the requirements below, even if it is believed that the incident may be limited, small, or insignificant. USAID will determine the magnitude and resulting actions.

(i) Contractor employees must report by e-mail all Information Security Incidents to the USAID Service Desk immediately, but not later than 30 minutes, after becoming aware of the Incident, at: CIO-HELPDESK@usaid.gov, regardless of day or time, as well as the Contracting Officer and Contracting Officer's representative and the Contractor Facilities Security Officer.

Spillage and Information Security Incidents: Upon written notification by the Government of a spillage or information security incident involving classified information, or the Contractor's discovery of a spillage or security incident involving classified information, the Contractor must immediately (within 30 minutes) notify CIO-HELPDESK@usaid.gov and the Office of Security at SECinformationsecurity@usaid.gov to correct the spillage or security incident in compliance with agency-specific instructions. The Contractor will abide by USAID instructions on correcting such a spill or security incident.

Contractor employees are strictly prohibited from including any Sensitive Information in the subject or body of any e-mail concerning information security incident reports. To transmit

Sensitive Information, Contractor employees must use FIPS 140-2 compliant encryption methods to protect Sensitive Information in attachments to email. Passwords must not be communicated in the same email as the attachment.

(ii) The Contractor must provide any supplementary information or reports related to a previously reported incident directly to CIO-HELPDESK@usaid.gov, upon request. Correspondence must include related ticket number(s) as provided by the USAID Service Desk with the subject line “Action Required: Potential Security Incident”.

(2) Privacy Incidents Reporting Requirements: Privacy Incidents may result in the unauthorized use, disclosure, or loss of personally identifiable information (PII), and can result in the loss of the public's trust and confidence in the Agency's ability to safeguard personally identifiable information. PII breaches may impact individuals whose PII is compromised, including potential identity theft resulting in financial loss and/or personal hardship experienced by the individual. Contractor employees must report (by e-mail) all Privacy Incidents to the USAID Service Desk immediately, but not later than 30 minutes, after becoming aware of the incident, at: CIO-HELPDESK@usaid.gov, regardless of day or time, as well as the USAID Contracting Officer or Contracting Officer's representative and the Contractor Facilities Security Officer. If known, the report must include information on the format of the PII (oral, paper, or electronic.) The subject line shall read “Action Required: Potential Privacy Incident”.

(3) Information Security Incident Response Requirements

(i) All determinations related to Information Security and Privacy Incidents, associated with information Systems or Information maintained by the contractor in support of the activities authorized under this contract, including response activities, notifications to affected individuals and/or Federal agencies, and related services (e.g., credit monitoring) will be made by USAID officials (except reporting criminal activity to law enforcement). The Contractor must not conduct any internal information security incident-related review or response activities that could modify or eliminate any existing technical configuration or information or forensic technical evidence existing at the time of the information security incident without approval from the Agency CIO communicated through the CO or COR.

(ii) The Contractor and contractor employees must provide full and immediate access and cooperation for all activities USAID requests to facilitate Incident Response, including providing all requested images, log files, and event information to address and resolve Information Security Incidents.

(iii.) Incident Response activities that USAID requires may include but are not limited to, inspections; investigations; forensic reviews; data analyses and processing.

(iv) At its discretion, USAID may obtain the assistance of Federal agencies and/or third party firms to aid in Incident Response activities.

(v) All determinations related to an Information Security Incident associated with Information Systems or Information maintained by the Contractor in support of the activities authorized by this contract will be made only by the USAID CIO through the CO or COR.

(vi) The Contractor must report criminal activity to law enforcement organizations upon becoming aware of such activity.

(f) The Contractor shall immediately notify the Contracting Officer in writing whenever it has reason to believe that the terms and conditions of the contract may be affected as a result of the reported incident.

(g) The Contractor is required to include the substance of this provision in all subcontracts. In altering this special contract requirement, require subcontractors to report (by e-mail) information security and privacy incidents directly to the USAID Service Desk at CIO-HELPDESK@usaid.gov. A copy of the correspondence shall be sent to the prime Contractor (or higher tier subcontractor) and the Contracting Officer referencing the ticket number provided by the CIO-HELPDESK.

(End)

(4) Security Requirements for Unclassified Information Technology Resources

Insert the following special contract requirement in all solicitations and contracts for “Information Technology” (as defined in AIDAR 739.002) or that include a component for IT. This requirement applies when the IT is for use by the Agency directly or by a contractor under a contract that requires use of the services or equipment or system(s) or requires use of the services or equipment to a significant extent in the performance of a service or the furnishing of a product. This requirement is not applicable for any equipment that is acquired by a contractor incidental to a contract that does not require use of the equipment.

Security Requirements for Unclassified Information Technology Resources (APRIL 2018) (DEVIATION NO. M-OAA-DEV-AIDAR-24-05c)

(a) *Definitions.* As used in this special contract requirement-

“Audit Review” means the audit and assessment of an information system to evaluate the adequacy of implemented security controls, assure that they are functioning properly, identify vulnerabilities and methods for mitigating them and assist in implementation of new security controls where required. These reviews are conducted periodically but at least annually, and may be performed by USAID Bureau for Management, Office of the Chief Information Officer (M/CIO) or designated independent assessors/auditors, USAID Office of Inspector General (OIG) as well as external governing bodies such as the Government Accountability Office (GAO).

“Authorizing Official” means the authorizing official is a senior government official or executive with the authority to formally assume responsibility for operating an information system at an acceptable level of risk to organizational operations and assets, individuals, other organizations, and/or the Nation.

“Information” means any communication or representation of knowledge such as facts, data, or opinions in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual.

“Sensitive” Information or Sensitive But Unclassified (SBU) - Sensitive But Unclassified (SBU) describes information which warrants a degree of protection and administrative control and meets the criteria for exemption from public disclosure set forth under Sections 552 and 552a of Title 5, United States Code: the Freedom of Information Act and the Privacy Act, 12 FAM 540 Sensitive but Unclassified Information (TL;DS-61;10-01-199), and 12 FAM 541 Scope (TL;DS-46;05-26-1995). SBU information includes, but is not limited to: 1) Medical, personnel, financial, investigatory, visa, law enforcement, or other information which, if released, could result in harm or unfair treatment to an individual or group, or could have a negative impact upon foreign policy or relations; and 2) Information offered under conditions of confidentiality, arising in the course of a deliberative process (or a civil discovery process), including attorney-client

privilege or work product, and information arising from the advice and counsel of subordinates to policy makers. “National Security Information” means information that has been determined pursuant to Executive Order 13526 or any predecessor order to require protection against unauthorized disclosure and is marked to indicate its classified status when in documentary form. Classified or national security information is specifically authorized to be protected from unauthorized disclosure in the interest of national defense or foreign policy under an Executive Order or Act of Congress.

“Information Technology Resources” means agency budgetary resources, personnel, equipment, facilities, or services that are primarily used in the management, operation, acquisition, disposition, and transformation, or other activity related to the lifecycle of information technology; acquisitions or interagency agreements that include information technology and the services or equipment provided by such acquisitions or interagency agreements; but does not include grants to third parties which establish or support information technology not operated directly by the Federal Government. (OMB M-15-14)

(b) Applicability: This special contract requirement applies to the Contractor, its subcontractors, and all personnel providing support under this contract (hereafter referred to collectively as “Contractor”) and addresses specific USAID requirements in addition to those included in the Federal Acquisition Regulation (FAR), Privacy Act of 1974 (5 U.S.C. 552a - the Act), E-Government Act of 2002 - Section 208 and Title III, Federal Information Security Management Act (FISMA), the Health Insurance Portability and Accountability Act of 1996 (HIPAA, Pub. L. 104-191, 110 Stat. 1936), the Sarbanes-Oxley Act of 2002 (SOX, Pub. L. 107-204, 116 Stat. 745), National Institute of Standards and Technology (NIST), Federal Information Processing Standards (FIPS) and the 800-Series Special Publications (SP), Office of Management and Budget (OMB) memorandums, and other laws, mandates, or executive orders pertaining to the development and operations of information systems and the protection of sensitive information and data.

(c) Compliance with IT Security and Privacy Policies: The contractor shall be responsible for implementing information security for all information systems procured, developed, deployed, and/or operated on behalf of the US Government. All Contractor personnel performing under this contract and Contractor equipment used to process or store USAID data, or to connect to USAID networks, must comply with Agency information security requirements as well as current Federal regulations and guidance found in the Federal Information Security Modernization Act (FISMA), Privacy Act of 1974, E-Government Act of 2002, Section 208, and National Institute of Standards and Technology (NIST), Federal Information Processing Standards (FIPS) and the 800-Series Special Publications (SP), Office of Management and Budget (OMB) memorandums, and other relevant Federal laws and regulations that are applicable to USAID. The Contractor must comply with the following:

(1) HSPD-12 Compliance

(i) Procurements for services and products involving facility or system access control must be in accordance with HSPD-12 policy and the Federal Acquisition Regulation.

(ii) All development for USAID systems must include requirements to enable the use Personal Identity Verification (PIV) credentials, in accordance with NIST FIPS 201, PIV of Federal Employees and Contractors, prior to being operational or updated.

(2) Internet Protocol Version 6 (IPv6) or current version: This acquisition requires all functionality, capabilities and features to be supported and operational in both a dual-stack IPv4/IPv6 environment and an IPv6 only environment. Furthermore, all management, user interfaces, configuration options, reports and other administrative capabilities that support IPv4 functionality will support comparable IPv6 functionality. The Contractor is required to certify that its products have been tested to meet the requirements for both a dual-stack IPv4/IPv6 and IPv6-only environment. USAID reserves the right to require the Contractor's products to be tested within a USAID or third party test facility to show compliance with this requirement.

(3) Secure Configurations

(i) The Contractor's applications must meet all functional requirements and operate correctly as intended on systems using the United States Government Configuration Baseline (USGCB) or the current configuration baseline.

(ii) The standard installation, operation, maintenance, updates, and/or patching of software must not alter the configuration settings from the approved USGCB configuration. The information technology, when applicable, must also use the Windows Installer Service for installation to the default "program files" directory and must be able to silently install and uninstall.

(iii) Applications designed for normal end users must run in the standard user context without elevated system administration privileges.

(iv) The Contractor must apply due diligence at all times to ensure that the required level of security is always in place to protect USAID systems and information, such as using Defense Information Systems Agency Security Technical Implementation Guides (STIGs), common security configurations available from the National Institute of Standards and Technology's website at <https://nvd.nist.gov/ncp/repository> or USAID established configuration settings.

(4) FIPS 140 Encryption Requirements: Cryptographic modules used to protect USAID information must be compliant with the current FIPS 140 version and validated by the Cryptographic Module Validation Program (CMVP). The Contractor must provide the validation certificate number to USAID for verification. The Contractor is required to follow government-wide (FIPS 140) encryption standards.

(5) Security Monitoring, Auditing and Alerting Requirements: All Contractor-owned and operated systems that use or store USAID information must meet or exceed standards

documented in this contract and in Service Level Agreements and Memorandums of Understanding/Agreements pertaining to security monitoring and alerting. These requirements include but are not limited to:

System and Network Visibility and Policy Enforcement at the following levels:

- Edge
- Server / Host
- Workstation / Laptop / Client
- Network
- Application
- Database
- Storage
- User
- Alerting and Monitoring
- System, User, and Data Segmentation

(6) Contractor System Oversight/Compliance

(i) The federal government has the authority to conduct site reviews for compliance validation. Full cooperation by the Contractor is required for audits and forensic analysis.

(ii) The Contractors must afford USAID the level of physical or logical access to the Contractor's facilities, installations, technical capabilities, operations, documentation, records, and databases to the extent required to support its security and privacy programs. This includes monitoring, inspection, investigation and audits to safeguard against threats and hazards to the integrity, availability and confidentiality of USAID data or information systems operated on behalf of USAID; and to preserve or retrieve evidence in the case of computer crimes.

(iii) All Contractor systems must comply with Information Security Continuous Monitoring (ISCM) and Reporting as defined in a continuous monitoring plan, to include, but not limited to, both automated authenticated and unauthenticated scans of networks, operating systems, applications, and databases. The Contractor must provide a continuous monitoring plan in accordance with NIST standards, as well as scan results upon request or at a minimum monthly to the Contracting Officer Representative (COR) and Contracting Officer, in addition to the CIO at ITAuthorization@usaid.gov. Alternatively, the Contractor may allow USAID information security staff to run scans directly.

(iv) The Contractors must comply with systems development and lifecycle management best practices and processes as defined by Bureau for Management, Office of The Chief Information Officer (M/CIO) USAID IT Project Governance standards and processes for approval of IT projects, for the acceptance of IT project deliverables, and for the project's progression through its life cycle.

(7) Security Assessment and Authorization (SA&A)

(i). For all information systems procured, developed, deployed, and/or operated on behalf of the US Government information by the provision of this contract, the Contractor must provide a system security assessment and authorization work plan, including project management information, to demonstrate that it complies or will comply with the FISMA and NIST requirements. The work plan must be approved by the COR, in consultation with the USAID M/CIO Information Assurance Division.

(ii) Prior to deployment of all information systems that transmit, store or process Government information, the contractor must obtain an Authority to Operate (ATO) signed by a USAID Authorizing Official from the contracting officer or COR. The Contractor must adhere to current NIST guidance for SA&A activities and continuous monitoring activities thereafter.

(iii) Prior to the SA&A, a Privacy Threshold Analysis (PTA) must be completed using the USAID Privacy Threshold Analysis Template. The completed PTA must be provided to the USAID Privacy Officer or designate to determine if a Privacy Impact Analysis (PIA) is required. If a determination is made that a PIA is required, it must be completed in accordance with the USAID PIA Template, which USAID will provide to the Contractor as necessary. All privacy requirements must be completed in coordination with the COR or other designated Government staff.

(iv) Prior to the Agency security assessment, authorization and approval, the Contractor must coordinate with the COR and other Government personnel as required to complete the FIPS 199 Security categorization and to document the systems security control baseline.

(v) All documentation must be prepared, stored, and managed in accordance with standards, templates and guidelines established by USAID M/CIO. The USAID M/CIO or designee must approve all SA&A requirements.

(vi) In information systems owned or operated by a contractor on behalf of an agency, or for information collected or maintained by or on behalf of the agency, an SA&A must be done independent of USAID, to include the selection of a Federal Risk and Authorization Management Program (FEDRAMP) approved independent Third Party Assessor (3PAO). See approved list of Assessors at <https://www.fedramp.gov/>. The Contractor must submit a signed SA&A package approved by the 3PAO to USAID at saacpackages@usaid.gov at least 60 calendar days prior to obtain the ATO for the IT system.

(vii) USAID retains the right to deny or rescind the ATO for any system if it believes the package or system fails to meet the USAID security requirements. Moreover, USAID may or may not provide general or detailed guidance to the Contractor to improve the SA&A package or the overall security posture of the information system and may or may not require re-submission of the package upon completion of the modifications. USAID reserves the right to limit the number

of resubmissions at its convenience and may determine a system's compliance to be insufficient at which time a final determination will be made to authorize or deny operation. USAID is the final authority on the compliance.

(viii) The Contractor must submit SA&A packages to the CIO at least sixty (60) days prior to production or the expiration of the current ATO.

(ix) Once the USAID Chief Information Security Officer or designee determines the risks, the Contractor must ensure that all Plan of Action and Milestones resulting from security assessments and continuous monitoring are remediated within a time frame commensurate with the level of risk as follows:

- High Risk = 30 calendar days;
- Moderate Risk = 60 calendar days; and
- Low Risk = 180 calendar days

(8) Federal Reporting Requirements: Contractors operating information systems on behalf of USAID must comply with FISMA reporting requirements. Monthly, quarterly and annual data collections will be coordinated by USAID. Data collections include but are not limited to, data feeds in a format consistent with Office of Management and Budget (OMB) requirements. The Contractor must provide timely responses as requested by USAID and OMB.

(d) The Contractor shall include the substance of this special contract requirement, including this paragraph (d), in all subcontracts, including subcontracts for commercial items.

(End)

(5) Cloud Computing

Insert the following special contract requirement in all solicitations and contracts for “Information Technology” (as defined in AIDAR 739.002) or that include a component for IT. This requirement applies when the IT is for use by the Agency directly or by a contractor under a contract that requires use of the services or equipment or system(s) or requires use of the services or equipment to a significant extent in the performance of a service or the furnishing of a product. This requirement is not applicable for any equipment that is acquired by a contractor incidental to a contract that does not require use of the equipment.

Cloud Computing (APRIL 2018)
(DEVIATION NO. M-OAA-DEV-AIDAR-24-05c)

(a) *Definitions.* As used in this special contract requirement-

“Cloud computing” means a model for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction. This includes other commercial terms, such as on-demand self-service, broad network access, resource pooling, rapid elasticity, and measured service. It also includes commercial offerings for software-as-a-service, infrastructure-as-a-service, and platform-as-a-service.

"Federal information" means information created, collected, processed, disseminated, or disposed of by or for the Federal Government, in any medium or form. (OMB A-130)

“Information” means any communication or representation of knowledge such as facts, data, or opinions in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual (Committee on National Security Systems Instruction (CNSSI) 4009).

“Information Security Incident” means an occurrence that (1) actually or imminently jeopardizes, without lawful authority, the integrity, confidentiality, or availability of information or an information system; or (2) constitutes a violation or imminent threat of violation of law, security policies, security procedures, or acceptable use policies.

“Privacy Incident means a violation or imminent threat of violation of security policies, acceptable use policies, or standard security practices, involving the breach of Personally Identifiable Information (PII), whether in electronic or paper format.

“Spillage” means a security incident that results in the transfer of classified or other sensitive or sensitive but unclassified information to an information system that is not accredited,(i.e., authorized) for the applicable security level of the data or information. “Cloud Service Provider” or CSP means a company or organization that offers some component of cloud computing –

typically Infrastructure as a Service (IaaS), Software as a Service (SaaS) or Platform as a Service (PaaS) – to other businesses, organizations or individuals.

“Penetration Testing” means security testing in which assessors mimic real-world attacks to identify methods for circumventing the security features of an application, system, or network. (NIST SP 800-115)

“Third Party Assessment Organizations” means an organization independent of the organization whose IT system is being assessed. They are required to meet the ISO/IEC 17020:1998 standards for independence and managerial competence and meet program requirements for technical FISMA competence through demonstrated expertise in assessing cloud-based solutions.

“Personally Identifiable Information (PII)” means information that can be used to distinguish or trace an individual's identity, such as their name, Social Security Number (SSN), biometric records, etc., alone, or when combined with other personal or identifying information which is linked or linkable to a specific individual, such as date and place of birth, mother's maiden name, etc. The definition of PII is not anchored to any single category of information or technology. Rather, it requires a case-by-case assessment of the specific risk that an individual can be identified. In performing this assessment, it is important to recognize that non-PII can become PII whenever additional information is made publicly available — in any medium and from any source — that, when combined with other available information, could be used to identify an individual. PII examples include name, address, SSN, or other identifying number or code, telephone number, and e-mail address. PII can also consist of a combination of indirect data elements such as gender, race, birth date, geographic indicator (e.g., zip code), and other descriptors used to identify specific individuals. When defining PII for USAID purposes, the term “individual” refers to a citizen of the United States or an alien lawfully admitted for permanent residence.

(b) Applicability

This special contract requirement applies to the Contractor and all personnel providing support under this contract (hereafter referred to collectively as “Contractor”) and addresses specific USAID requirements in addition to those included in the Federal Acquisition Regulation (FAR), Privacy Act of 1974 (5 U.S.C. 552a - the Act), E-Government Act of 2002 - Section 208 and Title III, Federal Information Security Management Act (FISMA), the Health Insurance Portability and Accountability Act of 1996 (HIPAA, Pub. L. 104-191, 110 Stat. 1936), the Sarbanes-Oxley Act of 2002 (SOX, Pub. L. 107-204, 116 Stat 745), National Institute of Standards and Technology (NIST), Federal Information Processing Standards (FIPS) and the 800-Series Special Publications (SP), Office of Management and Budget (OMB) memorandums, and other laws, mandates, or executive orders pertaining to the development and operations of information systems and the protection of sensitive information and data.

(c) Limitations on access to, use and disclosure of, Federal information.

(1) The Contractor shall not access, use, or disclose Federal information unless specifically authorized by the terms of this contract issued hereunder.

(i) If authorized by the terms of this contract issued hereunder, any access to, or use or disclosure of, Federal information shall only be for purposes specified in this contract.

(ii) The Contractor shall ensure that its employees are subject to all such access, use, and disclosure prohibitions and obligations.

(iii) These access, use, and disclosure prohibitions and obligations shall remain effective beyond the expiration or termination of this contract.

(2) The Contractor shall use related Federal information only to manage the operational environment that supports the Federal information and for no other purpose unless otherwise permitted with the prior written approval of the Contracting Officer.

(d) Records Management and Access to Information

(1) The Contractor shall support a system in accordance with the requirement for Federal agencies to manage their electronic records in accordance with capabilities such as those identified in the provisions of this contract and National Archives and Records Administration (NARA) retention policies.

(2) Upon request by the government, the Contractor shall deliver to the Contracting Officer all Federal information, including data schemas, metadata, and other associated data artifacts, in the format specified in the schedule or by the Contracting Officer in support of government compliance requirements to include but not limited to Freedom of Information Act, Privacy Act, e-Discovery, e-Records and legal or security investigations.

(3) The Contractor shall retain and maintain all Federal information in accordance with records retention provisions negotiated by the terms of the contract and in accordance with USAID records retention policies.

(4) The Contractor shall dispose of Federal information in accordance with the terms of the contract and provide the confirmation of disposition to the Contracting Officer in accordance with contract closeout procedures.

(e) Notification of third party access to Federal information : The Contractor shall notify the Government immediately of any requests from a third party for access to Federal information or, including any warrants, seizures, or subpoenas it receives, including those from another Federal, State, or Local agency, that could result in the disclosure of any Federal information to a third party. The Contractor shall cooperate with the Government to take all measures to protect

Federal information, from any loss or unauthorized disclosure that might reasonably result from the execution of any such request, warrant, seizure, subpoena, or similar legal process.

(f) Spillage and Information Security Incidents: Upon written notification by the Government of a spillage or information security incident involving classified information, or the Contractor's discovery of a spillage or security incident involving classified information, the Contractor shall immediately (within 30 minutes) notify CIO-HELPDESK@usaid.gov and the Office of Security at SECinformationsecurity@usaid.gov to correct the spillage or information security incident in compliance with agency-specific instructions. The Contractor will also notify the Contracting Officer or Contracting Officer's Representative and the Contractor Facilities Security Officer. The Contractor will abide by USAID instructions on correcting such a spill or information security incident. For all spills and information security incidents involving unclassified and/or SBU information, the protocols outlined above in section (g) and (h) below shall apply.

(g) Information Security Incidents

(1) Security Incident Reporting Requirements: All Information Security Incidents involving USAID data or systems must be reported in accordance with the requirements below, even if it is believed that the information security incident may be limited, small, or insignificant. USAID will determine the magnitude and resulting actions.

(i) Contractor employees must report via e-mail all Information Security Incidents to the USAID Service Desk immediately, but not later than 30 minutes, after becoming aware of the Incident, at: CIO-HELPDESK@usaid.gov, regardless of day or time, as well as the Contracting Officer and Contracting Officer's representative and the Contractor Facilities Security Officer.

Contractor employees are strictly prohibited from including any Sensitive Information in the subject or body of any e-mail concerning information security incident reports. To transmit Sensitive Information, Contractor employees must use FIPS 140-2 compliant encryption methods to protect Sensitive Information in attachments to email. Passwords must not be communicated in the same email as the attachment.

(ii) The Contractor must provide any supplementary information or reports related to a previously reported information security incident directly to CIO-HELPDESK@usaid.gov, upon request. Correspondence must include related ticket number(s) as provided by the USAID Service Desk with the subject line "Action Required: Potential Security Incident".

(h) Privacy Incidents Reporting Requirements: Privacy Incidents may result in the unauthorized use, disclosure, or loss of personally identifiable information, and can result in the loss of the public's trust and confidence in the Agency's ability to safeguard personally identifiable information. PII breaches may impact individuals whose PII is compromised, including potential identity theft resulting in financial loss and/or personal hardship experienced by the individual. Contractor employees must report by e-mail all Privacy Incidents to the USAID Service Desk

immediately (within 30 minutes), after becoming aware of the Incident, at: CIO-HELPDESK@usaid.gov, regardless of day or time, as well as the USAID Contracting Officer or Contracting Officer's representative and the Contractor Facilities Security Officer. If known, the report must include information on the format of the PII (oral, paper, or electronic.) The subject line shall read "Action Required: Potential Privacy Incident".

(i) Information Ownership and Rights: USAID information stored in a cloud environment remains the property of USAID, not the Contractor or cloud service provider (CSP). USAID retains ownership of the information and any media type that stores Federal information. The CSP shall only use the Federal information for purposes explicitly stated in the contract. Further, the cloud service provider shall export Federal information in a machine-readable and non-proprietary format that USAID requests at the time of production, unless the parties agree otherwise.

(j) Security Requirements:

(1) The Contractor shall adopt and maintain administrative, technical, operational, and physical safeguards and controls that meet or exceed requirements contained within the Federal Risk and Authorization Management Program (FedRAMP) Cloud Computing Security Requirements Baseline, current standard for NIST 800-53 (Security and Privacy Controls for Federal Information Systems)

and Organizations, including Appendix J, and FedRAMP Continuous Monitoring Requirements for the security level and services being provided, in accordance with the security categorization or impact level as defined by the government based on the Federal Information Processing Standard (FIPS) Publication 199 (FIPS-199).

(2) The Contractor shall comply with FedRAMP requirements as mandated by Federal laws and policies, including making available any documentation, physical access, and logical access needed to support this requirement. The Level of Effort for the security assessment and authorization (SA&A) is based on the system's complexity and security categorization. The Contractor shall create, maintain and update the following documentation using FedRAMP requirements and templates, which are available at <https://www.FedRAMP.gov>.

(3) The Contractor must support SA&A activities to include assessment by an accredited Third Party Assessment Organization (3PAO) initially and whenever there is a significant change to the system's security posture in accordance with the FedRAMP Continuous Monitoring Plan. The Contractor must make available to the Contracting Officer, the most current, and any other, Security Assessment Reports for consideration as part of the Contractor's overall Systems Security Plan.

(4) The Government reserves the right to perform penetration testing or request Penetration Testing by an independent source. If the Government exercises this right, the Contractor shall

allow Government employees (or designated third parties) to conduct Security Assessment activities to include control reviews in accordance with FedRAMP requirements. Review activities include but are not limited to scanning operating systems, web applications, databases, wireless scanning; network device scanning to include routers, switches, and firewall, and IDS/IPS; databases and other applicable systems, including general support structure, that support the processing, transportation, storage, or security of Federal information for vulnerabilities.

(5) Identified gaps between required FedRAMP Security Control Baselines and Continuous Monitoring controls and the Contractor's implementation as documented in the Security Assessment Report must be tracked by the Contractor for mitigation in a Plan of Action and Milestones (POA&M) document. Depending on the severity of the gaps, the Government may require them to be remediated before any restricted authorization is issued.

(6) The Contractor is responsible for mitigating all security risks found during SA&A and continuous monitoring activities. All high-risk vulnerabilities must be mitigated within thirty (30) calendar days and all moderate risk vulnerabilities must be mitigated within sixty (60) calendar days from the date vulnerabilities are formally identified. USAID may revoke an ATO for any system if it is determined that the system does not comply with USAID standards or presents an unacceptable risk to the Agency. The Government will determine the risk rating of vulnerabilities.

(7) The Contractor shall provide access to the Federal Government, or their designee acting as their agent, when requested, in order to verify compliance with the requirements and to allow for appropriate risk decisions for an Information Technology security program. The Government reserves the right to conduct onsite inspections. The Contractor must make appropriate personnel available for interviews and provide all necessary documentation during this review and as necessary for continuous monitoring activities.

(k) Privacy Requirements: Cloud Service Provider (CSP) must understand and adhere to applicable federal Privacy laws, standards, and guidance to protect Personally Identifiable Information (PII) about individuals that will be collected and maintained by the Contractor solution. The Contractor responsibilities include full cooperation for any request for disclosure, subpoena, or other judicial process seeking access to records subject to the Privacy Act of 1974.

(l) Data Location: The Contractor must disclose the data server locations where the Agency data will be stored as well as the redundant server locations. The Contractor must have prior Agency approval to store Agency data in locations outside of the United States.

(m) Terms of Service (ToS): The Contractor must disclose any requirements for terms of service agreements and clearly define such terms prior to contract award. All ToS provisions regarding

controlling law, jurisdiction, and indemnification must align with Federal statutes, policies, and regulations.

(n) Service Level Agreements (SLAs): The Contractor must be willing to negotiate service levels with USAID; clearly define how performance is guaranteed (such as response time resolution/mitigation time, availability, etc.); monitor their service levels; provide timely notification of a failure to meet the SLAs; and evidence that problems have been resolved or mitigated. Additionally, at USAID's request, the Contractor must submit reports or provide a dashboard where USAID can continuously verify that service levels are being met. Where SLAs fail to be met, USAID may assess monetary penalties or service credit.

(o) Trusted Internet Connection (TIC): The Contractor must route all USAID traffic through the TIC.

(p) Forensics, Freedom of Information Act (FOIA), Electronic Discovery, or additional Information Requests: The Contractor must allow USAID access required to retrieve information necessary for FOIA and Electronic Discovery activities, as well as, forensic investigations for both criminal and non-criminal purposes without their interference in these activities. USAID may negotiate roles and responsibilities for conducting these activities in agreements outside of this contract.

(1) The Contractor must ensure appropriate forensic tools can reach all devices based on an approved timetable.

(2) The Contractor must not install forensic software or tools without the permission of USAID.

(3) The Contractor, in coordination with USAID Bureau for Management, Office of The Chief Information Officer (M/CIO)/ Information Assurance Division (IA), must document and preserve data required for these activities in accordance with the terms and conditions of the contract.

(4) The Contractor, in coordination with USAID M/CIO/IA, must clearly define capabilities, procedures, roles and responsibilities and tools and methodologies for these activities.

(q) The Contractor shall include the substance of this special contract requirement, including this paragraph (p), in all subcontracts, including subcontracts for commercial items.

(End)