

APPENDIX 5 ARNG COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS, AND INFORMATION MANAGEMENT (C4IM) SERVICES

Section 501. General.

a. This Appendix prescribes the terms, conditions, policies and procedures for the National Guard Bureau's (NGB's) Federal contributions for the Army National Guard (ARNG) Command, Control, Communications, Computers, and Information Management (C4IM) Services of the Army National Guard within the State.

b. Statements of Fact.

(1) The authorities and provisions set forth in the following regulations and directives, including updates thereto and successor regulations/directives/policy issuances, are incorporated into this Appendix by reference.

(a) National Guard Regulation 5-1, "National Guard Grants and Cooperative Agreements," 28 September 2010 and NGB AQ-A Policy Feb 2020.

(b) Army Regulation 25-1, "Army Information Technology," 15 July 2019.

(c) DA Pamphlet 25-1-1, "Information Technology Implementation Instructions," 15 July 2019.

(d) Army C4IM Services List, "Command, Control, Communications, Computers, and Information Management (C4IM) Service List Version 9, October 2018 for FY19 Implementation," 01 October 2018.

(e) National Defense Authorization Act for Fiscal Year 2019, 13 August 2018, and subsequent annual enactments.

(f) ALARACT 015/2019, "Army Procurement of Wireless Mobile Devices and Services," 22 February 2019.

(g) DA Pamphlet 25-2-12, "Information Management: Army Cybersecurity Authorizing Official," 8 April 2019.

(h) DoD Directive 8100.02, "Use of Commercial Wireless Devices, Services, and Technologies in the Department of Defense (DoD) Global Information Grid (GIG)," 14 May 2004.

(i) DoD Directive 8115.01, "Information Technology Portfolio Management," 10 October 2005.

(j) Army Regulation 25-13, "Army Telecommunications and Unified Capabilities," 11 May 2017.

(k) Army Directive 2019-23, "Allocation of Wireless Portable Electronic Devices," 1 August 2019.

(l) "Federal Funding Accountability and Transparency Act of 2006," 26 September 2006, as amended, "Strengthen Transparency and Accountability in Federal Spending Act of 2008," 3 June 2008.

(2) ARNG Appropriations 2065, Operations & Maintenance (O&M) funds can be used in support of this Agreement. The support of ARNG C4IM services is authorized for facilities described and coded for federal support in the Facilities Inventory and Support Plan (FISP). These facilities shall be provided for the joint use of the State and the Federal Government.

(3) Information technology (IT) services are generally acquired from common commercial service provider. The services are acquired according to tariff provisions and at established tariff rates unless cost or operational requirements dictate otherwise. All major IT hardware and equipment will be procured using the Army's Computer Hardware Enterprise Software and Solutions System (CHESS), in accordance with DA Pamphlet 25-1-1, Para 2-6, 15 July 2019. See also section 506 of this Appendix, for "Unauthorized Activities **and** Charges."

(4) Acquisition of leased base communications services within the ARNG is subject to policies and procedures contained in Office of Management and Budget (OMB) Bulletins, DoD Directives, Army Regulations and other directives (see references).

(5) Network design is a coordination effort between the J6/G6/Deputy Chief of Staff for Information Management (DCSIM)/Network Enterprise Center (NEC) in the State and the ARNG G6, Architecture and Operations Division Chiefs, ARNG-Information Management Architecture (IMA)/Information Management Operations (IMO). Final approval of network design and acquisition of circuits is with the ARNG G6, Operations Division Chief, ARNG-IMO.

Section 502. Additional Definitions

a. C4IM service consist of baseline services, enhanced services, mission funded services, and mission-unique services.

(1) Baseline services are specifically designated as National Guard J6/G6/DCSIM/NECs at the Joint Forces Headquarters (JFHQ) in each state will provide non-reimbursable baseline IT services to ARNG activities.

(2) Enhanced services performance measures exceed one or more of the standards listed in the Army's C4IM Service List. ARNG activities desiring enhanced IT services will request and obtain these reimbursable services from the NG JFHQs-State J6/G6/DCSIM/NEC. ARNG activities and JFHQ J6/G6/DCSIM/DOIM will enter into a support agreement for enhanced services.

(3) Mission-unique services do not appear on the C4IM Services List because it only includes the most commonplace IT services. Resources and provisioning for these services are the responsibility of the tenant activity. If the unique mission service interfaces in any way with the NG JFHQs-State or Territory IT infrastructure, ARNG will submit acquisition plans to the installation NG JFHQs-State J6/G6/DCSIM/NEC for review and approval.

b. The IT Metrics Program, outlined in DA Pamphlet 25-1-1, provides a common framework that allows installation commanders and IT managers to assess the status of IT operations and infrastructure and to evaluate the degree to which each component supports accomplishing the mission. By identifying mission capability shortfalls, commanders and IT managers at all levels can make informed decisions regarding allocation of limited IT investment resources.

c. Management Decision Package (MDEP):

(1) MXCL (Long Haul Communications, APE (Army Program Element) 122G26): New to States in FY20 (formerly funded with QOIM). Provides long haul communications funding for ARNG installations interconnected to DoD Information Network - Army (DODIN-A) for common user telecommunications services (voice, data, video, messaging, etc.). Transport Infrastructure and Maintenance (Circuits Only). For FY20 funding requests the States/Territories/D.C. were instructed to identify Transport-Bandwidth that was paid for, via QOIM, in previous years for migration into MXCL. Execution of MXCL should utilize the Commitment Item 233P and Statistical Internal Order (SIO) number, 80003604 Long Haul Communications, for proper alignment under the TT PEG and justification in the POM cycles. ALL (100%) available MXCL AFP will be distributed to the States, Territories and District of Columbia (DC), on the first issuance (typically October 1). No additional Funding should be expected for the remainder of the FY. Only use QOIM if there is a shortfall in MXCL.

(2) QOIM (Base Information Management Operations) include C4IM services related labor, contracts, peculiar and support equipment, and associated costs, specifically identified and measurable, to plan, manage, coordinate, and execute IT services management. QOIM include the delivery of services consisting of secure and non-secure fixed-voice communications, wireless voice, data, and video connectivity services, video conferencing services (excluding desktop video teleconferencing collaboration). This funding provides infrastructure support, including the design, installation, and maintenance of special circuits (not programmed/resourced in MXCL) and systems in support of life safety and security systems and monitoring and control systems. This funding provides collaboration and messaging services, including services and tools for the workforce to communicate and share information. This funding provides application and web-hosting support, including required operation and management services. This funding provides for IT operations centers, including systems and processes necessary to allow customers to have seamless access to IT applications and solutions. This funding provides desktop management support for end-user hardware and software services and tools. This funding includes service desk support, continuity of operations, and disaster support. For DODIN-A Transport Circuits, only use QOIM (or Mission Funds) if there is a shortfall in MXCL

(3) MUIM (Visual Information Mission Support) provides funding for visual information investment equipment, documentation, production, Army-wide distribution, and presentation services for all regions, missions, and functions of the Army, Office of the Secretary of Defense, Joint Chiefs of Staff, and Headquarters, Department of the Army. These services include motion picture, digital and linear video production, digital and still photography, audio, graphic art, and web-ready access image files and provide tele-training and telemedicine material development support. MUIM also provides funding for the management of visual information activities, including civilian pay, equipment replacement, supplies, travel, and contract support.

Section 503. Office of Primary Responsibility.

a. The Office of Primary Responsibility for this Appendix is the ARNG G6, Information Management Strategy Division (ARNG-IMS), Army National Guard, National Guard Bureau, Herbert R. Temple Jr. Army National Guard Readiness Center, 111 South George Mason Drive, Arlington, Virginia 22204-1373. The ARNG-IMS Division Chief is authorized to approve minor communications projects above a set limit, as established by the designated approval authority, and in coordination with NGB AQ-A modify the language of this Appendix.

b. The Division Chief for the ARNG G6, Information Management Resources (ARNG-IMR), is the financial administrator authorized to make final approval and modifications of all C4IM service budgets and in coordination with NGB AQ-A to the language of this Appendix. This includes authorizing distribution and recall of communications funds to the U.S. Property and Fiscal Officer (USPFO); to receive specified accounting reconciliation reports; and to approve minor communications projects above a set limit.

c. The NG JFHQs-State, J6/G6, NEC, or DCSIM, as appointed by the State's Adjutant General, is responsible for reviewing all requests for procurement of C4IM communications services and validating requests for payment through commercial accounts. The individual is also responsible for making inspections, as necessary, to determine the extent of compliance with and efficiency of operation under this Appendix.

Section 504. Scope of Agreement.

a. Scope of Services.

(1) The Grantee shall provide baseline C4IM services to facilities described and coded for Federal support in the Facilities Inventory and Support Plan (FISP).

(2) The Grantee may contract for the services, provided that the required and appropriate paragraphs and clauses are included as prescribed in the Master Cooperative Agreement.

b. Performance Specifications.

(1) The Grantee shall adhere to the guidelines of IT metrics updates and the performance specifications as stated in the C4IM Service List.

Section 505. Authorized Activities and Expenses.

a. Authorized Activities/ and Charges are those baseline services in accordance with QOIM C4IM Service List with the exceptions identified in Section 506 below. Services, other than baseline services, are authorized and maybe provided subject to the availability of funds. These include:

(1) Funding, billing, and internal controls for (installation, activity, armory). Base communications (BASECOM) include fax, voice, data, and other services.

(2) Specific communications service issues and regulatory requirements, ~~to~~ include emergency responses.

(3) Development of NG Strategic Communications Plan for the State military department.

(4) Services for the integration of the Department of Defense Information Network-Army (NG) network to best support the mission of the State military department. Execution of Transport-Bandwidth (Circuits) necessary to connect to DODIN-A (NG) should utilize Commitment Item 233P and Statistical Internal Order (SIO) number 80003604 Long Haul Communications. Transport-Bandwidth (Circuits) should be funded with MDEP MXCL (Long Haul Communication). If MXCL funding is not sufficient, either QOIM of Mission Funds can be leveraged.

(5) Provide coordination for a communications disaster recovery plan for the State military department.

(6) Services to develop, implement, and coordinate the communications infrastructure.

(7) Provide services to develop and coordinate inherent procedures for the Army Enterprise Service Desk to facilitate information support.

(8) See also MCA §304.

b. Personnel Cost.

(1) See MCA §304-A, sub-§ a.

(2) Training and Certification. Any cost associated with training and certification that directly supports the roles and responsibilities of the duty position of State Government employee IT personnel requires OPR-PM approval. The OPR-PM routinely provides such approval during annual reviews and provides the Appendix 1005 PM with a validated worksheet for the FY that reflects approved training and certification costs.

c. Other services under C4IM Services (700) may be authorized case by case basis by IMA-P. Requests for support under C4IM (700) shall state the specific services number, task ID, task, and how the support is to be accomplished, for example, using a State employee, or State Contractor.

Section 506. Unauthorized Charges

a. See MCA §306

b. The following base communications services are unauthorized unless specifically requested by the Grantee and approved in writing by ARNG-IMO:

(1) Cost associated with Foreign Exchange, WATS 800 service, Defense Switched Network (DSN).

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(2) Cost or charges for services that exceed \$3,000 monthly or \$5,000 nonrecurring per work order or circuit.

(3) Cost for Secret Internet Protocol Router Network (SIPRNET) or Joint Worldwide Intelligence Communications Systems (JWICS) circuits.

(4) Automation equipment (such as computers, servers, printers, and software). CHES is the primary source for all network hardware and equipment.

(5) Costs of cellular telephone services outside of the Navy Indefinite Delivery, Indefinite Quantity (IDIQ), Spiral 3 Contract, without an exception-to-policy letter signed by Headquarters, Department of the Army (HQDA) CIO/G6 as per NGR 5-1.

Section 507. Budget Requirements.

a. State Operating Budget. Each NG JFHQs-State J6/G6/DCSIM/NEC will be provided Annual Funding Guidance (AFG) by ARNG-IMR. The NG JFHQs-State J6/G6/DCSIM/NEC will break out the AFG by specified budget categories (QOIM AMSCOs). ARNG-IMR may specify funding ceilings or floors for particular budget categories. NG JFHQs-State J6/G6/DCSIM/NEC will include all of the requirements necessary to provide adequate baseline C4IM service support to facilities authorized or projected to be authorized. It will do so whether or not there is funding available in order to capture all unfinanced requirements and input or submit data through IT metrics.

(1) Before the start of each federal fiscal year, the NG JFHQs-State J6/G6/DCSIM/NEC will develop an Approved Budget and identify an Approved Budget amount for the authorized MDEP for the entire fiscal year, to cover projected State communication costs authorized by this Appendix.

(2) Changes the NG JFHQs-State J6/G6/DCSIM/NEC makes to its Approved Budget during the fiscal year do not require ARNG-IMR approval. Increases or decreases to the budget will be processed in accordance with NGR 5-1, Chapter 3, paragraph 3-11.

(3) Although State Operating Budget reports are not routinely required by ARNG-IMR, Resource Management (RM) shall submit requested financial or budget reports as required by ARNG-IMR.

(4) It is essential that the RM provides input to the J6/G6/DCSIM/NEC to be included into the IT Metrics to track their requirements. The IT Metrics data is used to determine critical requirements for future funding allocations and Program Objective Memorandum (POM) submissions through the federal funding process.

b. Cost Share: The cost share for this Appendix shall be Federal: 100%.

c. If the State does not apply for or is unable to attain the exception-to-policy letter, please note that the funding for the amount determined for this effort for the State will be withheld from this Appendix and placed on the Navy IDIQ Spiral 3 contract directly on behalf of the State.

Section 508. Appendix Administration.

a. ARNG-IMR may authorize communication services in addition to those listed here to ARNG activities or organizations with special communication requirements. Requests submitted to ARNG-IMR for consideration shall be fully justified to include cost estimates and a statement on the availability of funds within the State to support the services requested.

b. Inspection and Monitoring. The NG JFHQs-State J6/G6/DCSIM/NEC is responsible for monitoring the extent of compliance with, and the efficiency of, operation under this Appendix as it pertains to the Federal guidelines and laws.

c. OPA funding cannot be executed through this Appendix.

d. Changes to the terms and or conditions of this Appendix will be processed in accordance with NGR 5-1, Chapter 3, and NGB-AQ policy.

Section 509. Funding Limitation. In accordance with Section 507(b), "Cost Share," the Federal and Grantee shares are indicated for each fiscal year as it occurs:

Fiscal Year	Approved Budget/ (AFP)	Total Dollars Obligated
Federal Share (100 %)	\$ _____	\$ _____
Accomplished as In-Kind Assistance	\$ _____	\$ _____
Grand Total (100 %)	\$ _____	\$ _____

Section 510. Agreement Particulars.

The information below shall be recorded by the Grants Officer's Representative (GOR) for compliance with the reporting requirements of the DoD Assistance Award Action Report System (DAADS) and the Federal Funding Accountability and Transparency Act of 2006, as amended 3 June 2008.

- a. Grantee/Recipient Category: Government
- b. Grantee/Recipient Type: State Government
- c. Grantee/Recipient DUNS: 070980243
- d. Primary Place of Performance (if different from 'Issued To' on CA Modification Form):
USPFO-Vermont, 789 National Guard Road, Colchester, Vermont 05446-3099
- e. Grantee/Recipient County (Primary Place of Performance): Chittenden County
- f. Grantee/Recipient Congressional District (Primary Place of Performance): At Large
- g. Major Agency: DoD
- h. Agency Code: 2100
- i. Funding Agency: Army
- j. Program Source Agency: 21
- k. Transaction Type: Cooperative Agreement
- l. CFDA: 12.401
- m. CFDA Program Title: Operation and Maintenance, Army National Guard
- n. Program Source Account-Funding: 2065
- o. Treasury Appropriation Code: 2065
- p. Award/Obligation/Action Date: 1 Oct 20
- q. Starting Date: 1 Oct 20
- r. Ending Date: 30 Sep 21
- s. Record Type: Individual Action
- t. Fiscal Year/Quarter: FY21/1st Quarter
- u. Unique Federal Award Identification Number (FAIN) W912LN2211005
- v. Approved Budget Amount: See Modification P21001
- w. R&D Award (Yes or No) No
- x. Indirect Cost Rate or CPP Rate: N/A

EXECUTION

IN WITNESS WHEREOF: The parties, by their signatures, execute this Appendix and agree to its terms and conditions.

<p>STATE/TERRITORY/ OR DISTRICT OF: ____Vermont_____</p> <p>BY: GREGORY C. KNIGHT ____Major General____ The Adjutant General</p> <p>_____ (Date)</p>	<p>NATIONAL GUARD BUREAU:</p> <p>BY: _____ MICHAEL D. CHASE, Col, USAF USPFO-Vt</p> <p>_____ (Date)</p>
<p>Approved as Legal Form:</p> <p>_____ JACOB A. HUMBERT, Assistant Attorney General</p> <p>_____ (Date)</p>	<p>Approved as to Legal Form:</p> <p>_____ KURT A. KAFFERLIN, MAJ, State Judge Advocate</p> <p>_____ (Date)</p>