NATIONAL POLICY REQUIREMENTS MATRIX

This listing of statutory/regulatory/and executive requirements is provided for information purposes only, and may not reflect all requirements that are applicable to a specific award.

| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|---|--|---|---|---|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| a) Nondiscrimination | | | | |
| By signing or accepting funds under the agreement, the recipient agrees that it will comply with applicable provisions of the following, national policies prohibiting discrimination: | | | | |
| a. On the basis of race, color, or national origin, in Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d, et seq.), as implemented by: NSF at 45 CFR Part 611 NASA at 14 CFR Part 1250 DOE at 10 CFR Part 1040 USDA at 7 CFR Part 15 DOC at 15 CFR Part 8 HHS at 45 CFR Part 80 & 81 | Grants, cooperative agreements, and other financial assistance | All | All | The following regulations require the recipient to flow down requirements to subrecipients. NSF at 45 CFR Part 611 NASA at 14 CFR Part 1250 DOE at 10 CFR Part 1040 USDA at 7 CFR Part 15 DOC at 15 CFR Part 8 HHS at 45 CFR Part 80 & 81 |
| b. On the basis of race, color, religion, sex, or national origin, in Executive Order 11246 [3 CFR, 1964-1965 Comp., p. 339], as implemented by Department of Labor regulations at 41 CFR Part 60. | Grants, cooperative agreements, and other prime awards defined at 40 CFR 60-1.3 as "Federally assisted construction contract." | All | Awards under which construction is to be done. | 41 CFR 60-1.4(b) prescribes a clause that recipients must include in federally assisted, construction awards and subawards [60-1.4(d) allows incorporation by reference]. This requirement also is at: 32 CFR 33.36(I) (3) and at paragraphs 1. of Appendices A to 32 CFR Part 32 and 32 CFR Part 34. |
| c. On the basis of sex or blindness, in Title IX of the Education Amendments of 1972 (20 U.S.C. 1681, et seq.). NSF 45 CFR Part 618 DOE at 10 CFR Part 1040 DOC at 15 CFR Part 8a HHS at 45 CFR Part 86 NASA at 14 CFR Part 1253 | agreements, and other financial assistance included at 20 U.S.C. 1682. | Educational institution [for sex discrimination, excepts all Institution controlled by religious organization, when inconsistent with the organization's religious tenets]. | All educational program or activity receiving Federal financial assistance. | |
| d. On the basis of age, in the Age Discrimination Act of 1975 (42 U.S.C. 6101, et seq.), as implemented by Department of Health and Human Services regulations at 45 CFR part 90. USDA at 7 CFR Part 15b NSF at 45 CFR Part 617 NASA at 14 CFR Part 1252 DOE at 10 CFR Part 1040 HHS at 45 CFR Part 90 & 91 DOC at 15 CFR Part 20 | Grants, cooperative agreements, and other awards defined at 45 CFR 90.4 as "Federal financial assistance." | All | All | 45 CFR 90.4 requires the recipient to flow down requirements to subrecipients [definition of "recipient" at 45 CFR 90.4 includes entities to which assistance is extended indirectly, through another recipient]. |

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NATIONAL POLICY REQUIREMENTS MATRIX

This listing of statutory/regulatory/and executive requirements is provided for information purposes only, and may not reflect all requirements that are applicable to a specific award.

| National Policy Requirements Applicable to all research agencies: C. On the basis of handcap, in: 1. Section 50d of the Rehabilitation Act of 1973 (29 U.S.C. 704), as implemented by Department of Justice regulations at 28 CFR Part 81. In or 1. Section 50d of the Rehabilitation Act of 1973 (29 U.S.C. 704), as implemented by Department of Justice regulations at 28 CFR Part 81. In or 1. Section 50d of the Rehabilitation Act of 1973 (29 U.S.C. 704), as implemented of Justice regulations at 28 CFR Part 81. In or 1. Section 50d of the Rehabilitation Act of 1973 (29 U.S.C. 704), as implemented of Justice regulations at 28 CFR Part 81. In or 1. Section 50d of the Rehabilitation Act of 1973 (29 U.S.C. 4151, et seq.). Grant or loan All Construction or alteration of buildings or facilities, except those restriction or alteration of buildings or facilities, except those restriction or early those restrictio | Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
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| Applicable to all research agendes: On the basis of handricap, in: Sortic, cooperative agreements and other precisions of 4 the Rehabilitation Act of 1973 (29 U.S.C. 794), as implemented by Department of Justice regulations at 28 CFR Part 18 (Instituted in "Federal Instituted in "Federal Institut | ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, | | | | |
| E. On the basis of handicap, in: 1. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794), as implemented by Department of Justice regulations at 28 CFR Part financial assistance. 1. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794), as implemented by Department of Justice regulations at 28 CFR Part financial assistance. 1. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794), as implemented by Department of Justice regulations at 28 CFR Part financial assistance. 1. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794), as implemented by Department of Justice regulations at 28 CFR Part financial assistance. 1. The Architectural Barriers Act of 1968 (42 U.S.C. 4151, et seq.). 2. The Architectural Barriers Act of 1968 (42 U.S.C. 4151, et seq.). 3. Americans with Disabilities Act 4. All 4. A | National Policy Requirements | Type of Award | Type of Recipient | Specific Situation | |
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| NS at 45 CFR Part 605 NASA at 14 CFR Part 150 DOE at 10 CFR Part 190 USDA at 7 CFR Part 190 | implemented by Department of Justice regulations at 28 CFR Part 41 and | financial assistance" | | | |
| NASA at 14 CFR Part 1251 DOE at 10 CFP part 1360 USDA at 7 CFR Part 15b HHS at 45 CFR Part 84 & 85 2. The Architectural Barriers Act of 1968 (42 U.S.C. 4151, et seq.). Grant or loan All Construction or alteration of buildings or facilities, except those restricted to use only by able-bodied uniformed personnel. 3. Americans with Disabilities Act All All All All All All All All All Al | DOC at 15 CFR Part 8b | | | | |
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| USDA at 7 CFR Part 15b HHS at 45 CFR Part 48 & 85 2. The Architectural Barriers Act of 1968 (42 U.S.C. 4151, et seq.). Grant or loan All Construction or alteration of buildings or facilities, except those restricted to use only by able-bodied uniformed personnel. 3. Americans with Disabilities Act All 42 USC 12:101 et. seq 6. On the basis of religion, in Executive Order 13798 and the Attorney General's Memorandum of October 6, 2017, as implemented at 2 CFR 200.300. b) Live Organisms 89 signing or accepting funds under the agreement, the recipient assures that it will comply with applicable provisions of the following national policies concerning live organisms: 1. For human subjects, the Common Federal Policy for the Protection of Human Subjects, codified by the: All All Research, development, test, or evaluation involving live human subjects, with some exceptions [see agency implementations for exemptions.] Policy or at 15 CFR Part 27 DOC at 15 CFR Part 260 NASA at 14 CFR Part 1330 DOE at 10 CFR Part 1330 DOE at 10 CFR Part 1735 | NASA at 14 CFR Part 1251 | | | | |
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| Assures that it will comply with applicable provisions of the following national policies concerning live organisms: 1. For human subjects: a. For human subjects, the Common Federal Policy for the Protection of Human Subjects. Codified by the: DOC at 15 CFR Part 27 DHHS at 45 CFR Part 46 NSF at 45 CFR Part 690 NASA at 14 CFR Part 1230 DOE at 10 CFR Part 745 All All Research, development, test, or evaluation involving live human subjects, with some exceptions [see agency implementations for exemptions.] | b) Live Organisms | | | | |
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| NASA at 14 CFR Part 1230 DOE at 10 CFR Part 745 | | | | · | |
| DOE at 10 CFR Part 745 | | | | exemptions. | |
| | | | | | |
| | USDA at 7 CFR Part 1c | | | | |

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NATIONAL POLICY REQUIREMENTS MATRIX

This listing of statutory/regulatory/and executive requirements is provided for information purposes only, and may not reflect all requirements that are applicable to a specific award.

| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|--|---------------|-------------------|--|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| b. Human Stem Cell Research In accordance with the President's Executive Order 13505 of March 9, 2009, and July 30, 2009 Memorandum for the Heads of Executive Departments and Agencies. See NIH Guidelines for Human Stem Cell Research, July 7, 2009. Other regulations that may apply: HHS Human Subjects Protection Regulation, 45 CFR Pt 46 FDA Regulations governing INDs or IDEs (Title 21 CFR Parts 312 or 812) FDA IRB & informed consent regulations (Title 21 CFR Parts 50 & 56) | As applicable | All | Research involving Human Stem Cells | NIH Guidelines and Registry of cell lines meeting the Federal requirements are found at: http://stemcells.nih.gov/ Other Federal, State or Local laws may also apply |
| Research on Transplantation of Fetal Tissue (PHS Act 489A) c. P.L. 104-191 Health Insurance Portability and Accountability Act (HIPAA) 45 CFR Part 160 and Subparts A and E of Part 164 Subpart C to be effective 4/20/2005 (Security) | As applicable | Covered Entities | | Limits uses of protected health information (PHI) collected or maintained by researchers within a covered entity or access to PHI from a covered entity. Research uses do not require Business Associate Agreements (defined at 45 CFR part 164 504 (e)(1) between collaborating institutions. Guidance available at http://privacyruleandresearch.nih.gov/ |
| 2. For animals: | AII | AII | | Requirements flow down to subrecipients |
| a. Rules on animal acquisition, transport, care, handling, and use in: (i) 9 CFR Parts 1-4, Department of Agriculture rules that implement the Laboratory Animal Welfare Act of 1966 (7 USC. 2131-2156). Public Health Service Agencies must follow requirements in the PHS Policy on Humane Care and Use of Laboratory Animals, which implements PL 99-158, Sec. 495. NASA requirements for animal welfare are set forth at 14 CFR Part 1232 EPA at 40 CFR Part 40. For USDA/CSREES, "In the case of domestic farm animals housed under farm conditions, the institution should adhere to the principles stated in the Guide for the Care and Use of Agricultural Animals in Agriculture and Teaching, Federation of Animal Science Societies, 1999." | All | All | Research, experimentation, or testing involving the use of animals USDA regulations exempt birds, most rats and mice bred for research, and farm animals used for agricultural research. | |
| b. Rules of the Departments of Interior (50 CFR Parts 10-24) and Commerce (50 CFR Parts 217-227) implementing laws and conventions on the taking, possession, transport, purchase, sale, export, or import of wildlife and plants, including the: Endangered Species Act of 1973 (16 U.S.C. 1531-1543); Marine Mammal Protection Act (16 U.S.C. 1361-1384); Lacey Act (18 U.S.C. 42); and Convention on International Trade in Endangered Species of Wild Fauna and Flora. | All | All | Activities which may involve or impact wildlife and plants. | |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|--|--|-------------------|--|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| c) Environmental Standards | | | | |
| By signing the agreement or accepting funds under this agreement, the recipient assures that it will: | | | | |
| 1. Comply with applicable provisions of the Clean Air Act (42 U.S.C 7401, et. Seq.) and Clean Water Act (33 U.S.C. 1251, et. seq.), as implemented by Executive Order 11738 [3 CFR, 1971-1975 Comp., p. 799] | . All | All | All, for Clean Air Act, Clean Water Act, and Executive Order 11738. | Requirements flow down to subrecipients |
| 2. Identify to the awarding agency all impact this award may have on: | | | | |
| a. The quality of the human environment, and provide help the agency may need to comply with the National Environmental Policy Act (NEPA, at 42 U.S.C. 4321, et. seq.) and to prepare Environmental Impact Statements or other required environmental documentation. In such cases, the recipient agrees to take no action that will have an adverse environmental impact (e.g., physical disturbance of a site such as breaking of ground) until the agency provides written notification of compliance with the environmental impact analysis process. | All | All | All actions that may affect the environment | |
| NSF at 45 CFR Part 640 DOE at 10 CFR Part 1021 NASA at 14 CFR Part 1216 USDA at 7 CFR Part 3407 | | | | |
| b. Flood-prone areas, and provide help the agency may need to comply with the National Flood Insurance Act of 1968 and Flood Disaster Protection Act of 1973 (42 U.S.C. 4001, et. seq.), which require flood insurance, when available, for Federally assisted construction or acquisition in flood-prone areas. USDA at 7 CFR 3105.205(b)(11) | All | All | Awards involving construction, land acquisition or development, with some exceptions [see 42 U.S.C. 4001, et. seq.]. | The Council on Environmental Quality's regulations for implementing NEPA are at 40 C.F.R. Parts 1500-1508. Executive Order 11514 [3 CFR, 1966-1970 Comp., p. 902], as amended by Executive Order 11991, sets policies and procedures for considering actions in the U.S. Executive Orders 11988 [3 CFR, 1977 Comp., p. 117] and 11990 [3 CFR, 1977 Comp., p. 121] specify additional considerations, when actions involve floodplains or wetlands, respectively. |
| DOE at 10 CFR Part 1022 c. Coastal barriers, and provide help the agency may need to comply with the Coastal Barriers Resource Act (16 U.S.C. 3501, et. seq.), concerning preservation of barrier resources. | Grants, cooperative agreements, and other "financial assistance" (see 42 U.S.C. 4003). | All | Awards that may affect barriers along the Atlantic and Gulf coasts and Great Lakes' shores | 42 U.S.C. 4012a prohibits awards for acquisition or construction in flood-prone areas (Federal Emergency Management Agency publishes lists of such areas in the Federal Register), unless recipient has required insurance. If action is in a floodplain, Executive Order 11988 [3 CFR, 1977 Comp., p. 117] specifies additional pre-award procedures for Federal agencies. Recipients are to apply requirements to subawards ("financial assistance," defined at 42 U.S.C. 4003, includes indirect Federal assistance). |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|---|--|--|--|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| d. All existing or proposed component of the National Wild and Scenic Rivers system, and provide help the agency may need to comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. 1271, et seq.). | Grants, cooperative agreements, and other "financial assistance" (see 16 U.S.C. 3502). | All | Awards that may affect existing or proposed element of National Wild and Scenic Rivers system. | Requirements flow to subawards (16 U.S.C. 3502 includes indirect assistance as "financial assistance"). |
| e. Underground sources of drinking water in areas that have an aquifer that is the sole or principal drinking water source, and provide help the agency may need to comply with the Safe Drinking Water Act (42 U.S.C. 300h-3). | All | All | Construction in All area with aquifer that the EPA finds would create public health hazard, if contaminated. | 42 U.S.C. 300h-3(e) precludes awards of Federal financial assistance for All project that the EPA administrator determines may contaminate a sole-source aquifer so as to threaten public health |
| Resource Conservation and Recovery Act USC 6901 | All | Awards to states or a political subdivision of a state (which for this purpose includes state and local institutions of higher education or hospitals) | | |
| 4. Procurement of items made with recovered materials pursuant to section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended, and Executive Order 12873. | All | Awards to states or a political subdivision of a state (which for this purpose includes state and local institutions of higher | Purchase of items designated within the regulations at 40 CFR 247 using federal funds. | |
| d) Health & Safety Guidelines | | education or hospitals) | | |
| By signing the agreement or accepting funds under this agreement, the recipient assures it will comply with the following requirements: | | | | |
| 1. Applicable OSHA Standards in Laboratories | All | All | Research involving use of hazardous chemicals or bloodborne pathogens | 29 CFR 1910.1030 Bloodborne Pathogens; 29 CFR 1910.1450, Occupational Exposure to Hazardous Chemicals in Laboratories |
| 2. Handling and transport of etiologic agents | All | All | Research involving etiologic agents | Procedures for Domestic Handling and Transport of Diagnostic Specimens and Etiologic Agents, 1994 (3rd ed.), H5a3doc.75, National Committee for Clinical Laboratory Standards |
| Biosafety standards in microbiological and biomedical laboratories | All | All | Microbiological and biomedical research | Biosafety in Microbiological and Biomedical Laboratories; 5th Edition http://www.cdc.gov/biosafety/publications/bmbl5/index.htm |
| 4. Controlled Substances | All | All | Research involving controlled substances | Drug Enforcement Administration (DEA) registration, inspection and certification |
| 5. Disposal of high-level radioactive waste and spent nuclear fuel. Note however, that some States are exempt if they have established separate requirements. | All | All | | Nuclear Regulatory Commission Standard and Regulation, pursuant to the Energy Reorganization Act of 1974, (42 USC, 5801, et seq.) |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 6. Investigational New Drug Applications | AII | AII | All clinical trial investigations of products that are subject to section 505 or 507 of the Federal Food, Drug, and Cosmetic Act or to the licensing provisions of the PHS Act (58 Stat. 632, as amended (42 USC 201, et seq.) | |
| 7. Hotel and Motel Fire Safety Act of 1990 - P.L. 101-39 | Conference or meeting support | All | Alterations and Renovations > \$500,000 | 40 USC 327-333 |
| 8. Labor Standards under Federally Assisted Construction: Construction Work Hours and Safety Standards Act | All | All | Alterations and Renovations > \$500,000 | 40 USC 327-333 |
| 9. Text Messaging While Driving - EO 13513 | All | All | When performing work for or on behalf of government | Adopt and enforce policies that ban text messaging while driving. |
| 10. Increasing Seat Belt Use in the United States Executive Order 13043, Increasing Seat Belt Use in the United States, dated, April 16, 1997 | Grants and Cooperative Agreements | AII | | In accordance with the Executive Order, "grantees are encouraged to adopt and enforce on-the-job seat belt policies and programs for their employees when operating company-owned, rented, or personally owned vehicles." |
| 11. Dual Use Research of Concern | AII | All | Life Sciences awards | http://www.phe.gov/s3/dualuse/Documents/us-policy-durc-032812.pdf |
| e) National Security Guidelines | | | | |
| By signing the agreement or accepting funds under this agreement, the recipient assures it will comply with the following requirements: | | | | |

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NATIONAL POLICY REQUIREMENTS MATRIX

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|---|---------------|-------------------|---|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 1. Executive Order 13224, Blocking Property and Prohibiting Transactions with Persons who Commit, Threaten to Commit, or Support Terrorism, dated September 23, 2001. Executive Order 13224 gives the U.S. government a powerful tool to impede terrorist funding and is part of our national commitment to lead the international effort to bring a halt to the evil of terrorist activity. President Bush issued Executive Order 13224 pursuant to the authorities of the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.)(IEEPA), the National Emergencies Act (50 U.S.C. 1601 et seq.), section 5 of the United Nations Participation Act of 1945, as amended (22 U.S.C. 287c)(UNPA), and section 301 of title 3, United States Code. | All | | In general terms, the Order provides a means by which to disrupt the financial support network for terrorists and terrorist organizations by authorizing the U.S. government to designate and block the assets of foreign individuals and entities that commit, or pose a significant risk of committing, acts of terrorism. In addition, because of the pervasiveness and expansiveness of the financial foundations of foreign terrorists, the Order authorizes the U.S. government to block the assets of individuals and entities that provide support, services, or assistance to, or otherwise associate with, terrorists and terrorist organizations designated under the Order, as well as their subsidiaries, front organizations, agents, and associates. | |

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NATIONAL POLICY REQUIREMENTS MATRIX

This listing of statutory/regulatory/and executive requirements is provided for information purposes only, and may not reflect all requirements that are applicable to a specific award.

| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|---|---------------|-------------------|---|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 2. Select Agents and Toxins P.L. 107-188: Public Health Security & Bioterrorism Preparedness Response Act of 2002, Title II sections 201-231 P.L. 107-56 The USA Patriot Act of 2001 Section 175b www.cdc.gov/od/sap Codified by the: HHS at 42 CFR Pt 73 USDA at 7 CFR 331 and 9 CFR 121 See also 15 CFR Chapter 7 for Export Administration Regulations (EAR) www.bxa.doc.gov and 49 CFR Pts 171 - 180 for transportation requirements | As applicable | AII | Research with or storage of Select Agents and Toxins | Institution must be registered with CDC and or USDA prior to beginning work with agents. Investigator must be licensed prior to beginning work. NIH Term of Award includes notice that registration must be complete before using NIH funds and that no funds may be used for Select Agent Research if certification is denied. USDA inserts a term indicating that the grantee has primary responsibility for complying with Title II of the Public Health Security and Bioterrorism Preparedness and Response Act of 2002, Public Law 107-188, and the regulations promulgated thereunder in 7 CFR Part 331, 9 CFR Part 121, and 42 CFR Part 72. For guidance on a biosecurity plan that includes physical security of facilities and access controls to prevent unauthorized entries see Departmental Manual 9610-1, USDA Security Policies and Procedures for Biosafety Level-3 Facilities (available via http://www.usda.gov/directives/index.html) Other State and Local regulations may apply |
| 3. Executive Order 13526 Classified National Security Information: prescribes a uniform system for classifying, safeguarding, and declassifying national security information, including information relating to defense against transnational terrorism. | All | | | |
| 4. Section 841 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015, as amended, permits agencies to restrict, terminate, or void, in whole or in part, awards where the Department of Defense notifies the agency that the award is providing funds, including goods and services, to covered persons or entities within a covered combatant command. | All | All | Does not apply to awards performed entirely within the United States. | |

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NATIONAL POLICY REQUIREMENTS MATRIX

This listing of statutory/regulatory/and executive requirements is provided for information purposes only, and may not reflect all requirements that are applicable to a specific award.

| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|---|---------------|-------------------|--------------------|---|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 5. Section 889 of the National Defense Authorization Act (NDAA) for Fiscal Year (FY) 2019 (Public Law 115-232) prohibits the use of loan or grant funds to procure or obtain, extend, or renew a contract to procure or obtain, or enter into a contract (or extend or renew a contract) to procure or obtain the equipment, services, or systems prohibited systems as identified in section 889 of the NDAA for FY 2019. Government-wide implementation for assistance awards at 2 CFR 200.216 | AII | All | | (Public Law 115-232) prohibits the head of an executive agency from obligating or expending loan or grant funds to procure or obtain, extend, or renew a contract to procure or obtain, or enter into a contract (or extend or renew a contract) to procure or obtain the equipment, services, or systems as identified in section 889 of the NDAA for FY 2019. (a) In accordance with 2 CFR §200.216 and §200.471, for all awards that are issued on or after August 13, 2020, recipients and subrecipients are prohibited from obligating or expending loan or grant funds to: (1) Procure or obtain; (2) Extend or renew a contract (or extend or renew a contract) to procure or obtain equipment, services, or systems that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. As described in Public Law 115-232, section 889, covered telecommunications equipment is telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities). (ii) For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities). (iii) Telecommunications or video surveillance services provided by such entities or using such equipment. (iiii) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country. |

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Statutory/Regulatory/and Executive Based Requirements

NATIONAL POLICY REQUIREMENTS MATRIX

31 USC 3801, 45 CFR 79

This listing of statutory/regulatory/and executive requirements is provided for information purposes only, and may not reflect all requirements that are applicable to a specific award.

Requirement(s) that should be noted by the recipient

| Statutory/Regulatory/and Executive Based Requirements | | Usea For: | | Requirement(s) that should be noted by the recipient |
|---|---------------|---|--------------------|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| | | | | funding and technical support to assist affected businesses, institutions and organizations as is reasonably necessary for those affected entities to transition from covered communications equipment and services, to procure replacement equipment and services, and to ensure that communications service to users and customers is sustained. |
| | | | | (c) See Public Law 115-232, section 889 for additional information. |
| f) General/Miscellaneous Requirements | | | | |
| By signing or accepting funds under the agreement, the recipient agrees that will comply with the following general national policy requirements: | | | | |
| 1. SAM Registration - 2 CFR Part 25 | All | Recipient only; does not apply to subrecipients | | SAM registration must be renewed annually. |
| 2. Drug Free Workplace | AII | All | | 41 USC 701 et seq. |
| Public Law 100-690, Title V DOC at 15 CFR Part 29 HHS at 45 CFR Part 1882 NSF at 45 CFR Part 630 USDA at 2 CFR Part 421 DOE at 2 CFR Part 902 NASA at 2 CFR Part 1882 | | | | |
| 3. DUNS number - 2 CFR Part 25 | All | Recipient and 1st tier subrecipient | | DUNS number required at time of application |
| 4. False Claims Act Provisions | | | | |
| a. Civil False Claims Act | All | All | All | 31 USC 2739 |
| b. Criminal False Claims Act | All | All | All | 18 USC 287 and 1001 |
| 18 USC 287 and 1001 | | | | |
| c. Program Fraud and Civil Remedies and False Claims Act | All | All | All | 31 USC 3801, 45 CFR 79 |

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NATIONAL POLICY REQUIREMENTS MATRIX

This listing of statutory/regulatory/and executive requirements is provided for information purposes only, and may not reflect all requirements that are applicable to a specific award.

| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|---|---------------|-------------------|--------------------|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 5. Government-wide Debarment and Suspension (Nonprocurement) USDA at 2 CFR Part 417 NSF at 2 CFR Part 2520 HHS at 2 CFR Part 376 NASA at 2 CFR Part 1880 DOC at 2 CFR Part 1326 | All | All | | 42 USC 1870 (a); Sec. 2455, PL 103-355, 108 Stat. 3327 (31 USC 6101 note); EO 12549 (3 CFR, 1986 Comp., p. 189); EO 12689 (3 CFR, 1989 Comp., p. 235) |
| 6. Lobbying Prohibitions 31 USC 1352, stipulates that (1) No Federal appropriated funds have been paid or will be paid, any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federa contract, grant, loan, or cooperative agreement. (2) If any funds other than Federal apaporpriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit the SF Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. DOC at 15 CFR Part 28 NASA at 14 CFR Part 1271 NSF at 45 CFR Part 604 USDA at 2 CFR Part 418, 2 CFR 200 DOE at 10 CFR Part 601 HHS at 45 CFR Part 93 | All | | | 31 USC 1352 requires the grantee to include certification language in the award documents for all subawards at all tiers, including subcontracts, subgrants, |
| 7. Metric System | All | All | All | 15 CFR Part 19, Subpart B |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|--|---------------|---|--|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 8. Misconduct in Science Policies and responsibilities associated with prevention, detection, and handling of misconduct in science allegations as stipulated in agency implementing regulations: USDA at 2 CFR Part 422 NSF at 45 CFR Part 620 NASA at 14 CFR Part 1275 | All | All | All | [Federal Register: December 6, 2000 (Volume 65, Number 235)] [Notices] [Page 76260-76264] |
| HHS at 42 CFR Part 93, Subpart A 9. National Historic Preservation | All | All | All | |
| The recipient agrees to identify to the awarding agency all property listed or eligible for listing on the National Register of Historic Places that will be affected by this award, and to provide all the help the awarding agency may need, with respect to the award. | | | | |
| 16 USC 470f 10. Paperwork Reduction Act | All | All | When data is collected from respondents using a questionnaire or other survey instrument. See, however, M-11-07 dated 12/9/10 entitled, "Faclitating Scientific Research by Streamlining the Paperwork Reduction Act Process." | Data collection activities, if any, performed under this project are the responsibility of the recipient, and awarding agency support of the project does not constitute approval of any survey design, questionnaire content, or data collection procedures. The recipient shall not represent to respondents that such data are being collected for or in association with the awarding agency without the specific written approval of the cognizant awarding agency official of such data collection plan or instrument. However, this requirement is not intended to preclude mention of awarding agency support of the project in response to an inquiry or acknowledgment of such support in any publication of these data. |
| 11. Recipient Integrity and Performance Matters Reporting of Matters Related to Recipient Integraity and Performance; Appendix XII to 2CFR 200 | All | Recipient only. Does not apply to subrecipients | | |
| 12. Transparency Act - FFATA Public Law 109-282 USDA at 2 CFR Part 170 | All | All, including 1st tier subrecipients | Awards of 25K or more | Reporting grants and 1st tier subrecipients of 25K or more, and executive compensatino reporting of same; limited exceptions. |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|---|---------------|-------------------|---|---|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 13. U.S. Flag Air Carriers | All | All | Any air transportation to, from, between, or within a country other than the U.S. of persons or property, the expense of which will be assisted by Federal funding, must be performed by or under a code-sharing arrangement with a U.Sflag air carrier if service provided by such a carrier is available (see Comp Gen. Decision B-240956, dated September 25, 1991). | 49 USC 40118 See also General Services Administration amendment to the Federal Travel Regulations, Federal Register (Vol. 63, No. 219, 63417-63421) |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|--|---|--|--------------------|---|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 14. Trafficking in Persons By signing or accepting funds under the agreement, the recipient agrees that it will comply with Trafficking Victims Protection Act of 2000 (22 U.S.C. 7104(g)) as implemented by 2 CFR 175 | Grants and Cooperative Agreements and contracts | 175.15(b)l.a. applies to private entities 175.15(b)l.b. applies to other than private entities if award includes subrecipient award to a private entity 117.15(b)l.c.applies to all recipients | | A. Associated with performance under this award; or B. Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by the agency in its regulatory implementation of the OMB guidelines in 2 CFR part 180. b. Provision applicable to a recipient other than a private entity. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity 1. Is determined to have violated an applicable prohibition in paragraph a.1 of this award term; or 2. Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph a.1 of this award term through conduct that is eitheri. Associated with performance under this award; or ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency. c. Provisions applicable to any recipient. 1. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph a.1 of this award term. 2. Our right to terminate unilaterally that is described in paragraph a.2 or b of this section: i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and ii. Is in addition to all other remedies for noncompliance that are available to us under this award. 3. You must include the requirements of paragraph a.1 of this award term in any subaward you make to a private entity. |
| 15. Whistleblower Protection | All | All | All | in any subdward you make to a private entity. |
| Awardees are notified of the applicability of 41 U.S.C. § 4712, as amended by P.L. 112-239, providing protection for whistleblowers. | | | | |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|--|---|--|--|--|
| National Policy Requirements | Type of Award | Type of Recipient | Specific Situation | |
| Applicable to all research agencies: | | | | |
| 16. Use of United States Flag Vessels | Agreements, Loans and | AII | | |
| 46 CFR 381 | Guarantee and Advance of Funds Agreements | | | |
| 17. Patents, Trademarks and Copyrights | Grants and Cooperative Agreements | Awards to non-profits and small businesses | | |
| 35 USC 202-204 and 37 CFR 401 | | | | |
| | AII | AII | | |
| 5 USC 552a | | | | |
| | AII | AII | All awards performed in facilities where children are | |
| 20 USC 7183 | | | served. | |
| 20. Uniform Relocation Assistance and Real Property Acquisition Policies Act | AII | All | | |
| 42 USC 4601 and 49 CFR 24 | | | | |
| 21. Confidentiality of Patient/Client Records | All | AII\ | | |
| 42 USC 290dd-2 and 42 USC 290ee-3 | | | | |
| , | AII | AII | | |
| PL 108-447 | | | | |
| 23. Copeland Act | AII | AII | | |
| 40 USC 4135 | | | | |
| | AII | AII | | |
| 40 USC 3141 et.seq | | | | |
| · | AII | AII | Construction awards within applicable geographic areas | |
| 42 USC 7701 et seq., EO 12699 | | A.II | | |
| | AII | AII | | |
| EO 13559 | | | | |
| 27. Federal Technology Transfer Act | AII | AII | | |
| 15 USC 63 | | | | |

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NATIONAL POLICY REQUIREMENTS MATRIX

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|---|---------------|--|--------------------|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 28. Freedom of Information Act | All | All | | |
| 5 USC 552 | | | | |
| 29. Hatch Act | All | State or Local Governments | | |
| 5 USC 7321-7328 | | | | |
| 30. Limited English Proficiency | All | All | | |
| EO 13166 | | | | |
| 31. Military Recruiting and Reserve Officer Training Access to Institutions of Higher Education | All | Domestic Institutions of Higher Education | | |
| 10 USC 983 | | | | |
| 32. Native American Graves Protection and Repatriation | AII | All | | |
| 25 USC 3001-3013 | | | | |
| 33. Improving Free Inquiry, Transparency, and Accountability at Colleges and Universities (Executive Order on Campus Free Speech) | All | Institutions of Higher Education | | |
| EO 13864 | | | | |
| USDA DOC HHS DOT DOE NSF | | | | |
| NASA | | | | |

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NATIONAL POLICY REQUIREMENTS MATRIX

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| Statutory/Regulatory/and Executive Based Requirements | | Used For: | | Requirement(s) that should be noted by the recipient |
|---|---------------|-------------------|--|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| 34. Risk review of applications and the Federal Awardee Performance and Integrity Information System (FAPIIS) | AII | All | As required by 2 CFR 200 of the Uniform Guidance, agencies must review and consider any information about the applicant that is in the Federal Awardee Performance and Integrity Information System (FAPIIS) before making any award in excess of the simplified acquisition threshold (currently \$250,000) over the period of performance. An applicant may review and comment on any information about itself that a federal awarding agency previously entered. Agencies will consider any comments by the applicant, in addition to other information in FAPIIS in making a judgment about the applicant's integrity, business ethics, and record of performance under federal awards when completing the review of risk posed by applicants as described in 2 CFR § 200.205 Federal Awarding Agency Review of Risk Posed by Applicants. As required by 2 CFR 200 Appendix XII of the Uniform Guidance, non-federal entities (NFEs) are required to disclose in FAPIIS any information about criminal, civil, and administrative proceedings, and/or affirm that there is no new information to provide. This applies to NFEs that | |

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NATIONAL POLICY REQUIREMENTS MATRIX

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|---|---------------|-------------------|--|--|
| National Policy Requirements Applicable to all research agencies: | Type of Award | Type of Recipient | Specific Situation | |
| | | | receive federal awards (currently active grants, cooperative agreements, and procurement contracts) greater than \$10,000,000 for any period of time during the period of performance of an award/project. | |

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