FEDERAL DEMONSTRATION PARTNERSHIP IV GENERAL TERMS AND CONDITIONS

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.1 Purpose. This Circular establishes uniform administrative requirements for	1. Purpose. These Federal Demonstration Partnership (FDP) General
Federal grants and agreements awarded to institutions of higher education, hospitals,	Terms and Conditions incorporate the requirements of U. S. Office of
and other non-profit organizations. Federal awarding agencies shall not impose	Management and Budget Circulars as they apply to grants made by Federal
additional or inconsistent requirements, except as provided in Sections .4, and	awarding agencies to educational and non-profit organizations when each
.14 or unless specifically required by Federal statute or executive order.	is a party to "Federal Demonstration Project Phase IV Agreement."
Non-profit organizations that implement Federal programs for the States are also	
subject to State requirements.	
2 Definitions.	2. Definitions . Terms used in these general terms and conditions have the
	meanings given in section2 of OMB Circular A-110, with the
(a) Accrued expenditures means the charges incurred by the recipient during a given	following additions and clarifications:
period requiring the provision of funds for: (1) goods and other tangible property	
received; (2) services performed by employees, contractors, subrecipients, and other payees; and, (3) other amounts becoming owed under programs for which no current	
services or performance is required.	
services of performance is required.	
(b) Accrued income means the sum of: (1) earnings during a given period from (i)	
services performed by the recipient, and (ii) goods and other tangible property	
delivered to purchasers, and (2) amounts becoming owed to the recipient for which	
no current services or performance is required by the recipient.	
(c) Acquisition cost of equipment means the net invoice price of the equipment,	
including the cost of modifications, attachments, accessories, or auxiliary apparatus	
necessary to make the property usable for the purpose for which it was acquired.	
Other charges, such as the cost of installation, transportation, taxes, duty or	
protective in-transit insurance, shall be included or excluded from the unit	
acquisition cost in accordance with the recipient's regular accounting practices.	

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(d) Advance means a payment made by Treasury check or other appropriate payment mechanism to a recipient upon its request either before outlays are made by the recipient or through the use of predetermined payment schedules.	
(e) Award means financial assistance that provides support or stimulation to accomplish a public purpose. Awards include grants and other agreements in the form of money or property in lieu of money, by the Federal Government to an eligible recipient. The term does not include: technical assistance, which provides services instead of money; other assistance in the form of loans, loan guarantees, interest subsidies, or insurance; direct payments of any kind to individuals; and, contracts which are required to be entered into and administered under procurement laws and regulations.	(a) In lieu of the definition given in paragraph2(e), the term "award" means the award.
(f) Cash contributions means the recipient's cash outlay, including the outlay of money contributed to the recipient by third parties.	
(g) Closeout means the process by which a Federal awarding agency determines that all applicable administrative actions and all required work of the award have been completed by the recipient and Federal awarding agency.	
(h) Contract means a procurement contract under an award or subaward, and a procurement subcontract under a recipient's or subrecipient's contract.	
(i) Cost sharing or matching means that portion of project or program costs not borne by the Federal Government.	
(j) Date of completion means the date on which all work under an award is completed or the date on the award document, or any supplement or amendment thereto, on which Federal sponsorship ends.	
(k) Disallowed costs means those charges to an award that the Federal awarding agency determines to be unallowable, in accordance with the applicable Federal cost principles or other terms and conditions contained in the award.	

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 (1) Equipment means tangible nonexpendable personal property including exempt property charged directly to the award having a useful life of more than one year and an acquisition cost of \$5000 or more per unit. However, consistent with recipient policy, lower limits may be established. 	(b) If the recipient establishes a lower limit than \$5,000 for "equipment," as permitted by the definition in paragraph2(1), then items with acquisition costs less than \$5,000 are included as equipment for the recipient's purposes only. The Federal requirements for equipment, as specified in Article 33 or 34 of the award, apply only to items with acquisition costs of \$5,000 or more per unit.
(m) Excess property means property under the control of any Federal awarding agency that, as determined by the head thereof, is no longer required for its needs or the discharge of its responsibilities.	
(n) Exempt property means tangible personal property acquired in whole or in part with Federal funds, where the Federal awarding agency has statutory authority to vest title in the recipient without further obligation to the Federal Government. An example of exempt property authority is contained in the Federal Grant and Cooperative Agreement Act (31 U.S.C. 6306), for property acquired under an award to conduct basic or applied research by a non-profit institution of higher education or non-profit organization whose principal purpose is conducting scientific research.	
(o) Federal awarding agency means the Federal agency that provides an award to the recipient.	(c) "Federal awarding agency" as defined in2(o) means the Federal agency that made the award.
(p) Federal funds authorized means the total amount of Federal funds obligated by the Federal Government for use by the recipient. This amount may include any authorized carryover of unobligated funds from prior s when permitted by agency regulations or agency implementing instructions.	
(q) Federal share of real property, equipment, or supplies means that percentage of the property's acquisition costs and any improvement expenditures paid with Federal funds.	
(r) Funding period means the period of time when Federal funding is available for obligation by the recipient.	(d) "Funding period" has the meaning given in paragraph2(r), with the additional clarification that the term includes any extension of the expiration date of the award, such as a no-cost extension authorized by

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	paragraph (b) (3) of Article 25.
(s) Intangible property and debt instruments means, but is not limited to, trademarks,	
copyrights, patents and patent applications and such property as loans, notes and	
other debt instruments, lease agreements, stock and other instruments of property	
ownership, whether considered tangible or intangible.	
(t) Obligations means the amounts of orders placed, contracts and grants awarded,	
services received and similar transactions during a given period that require payment	
by the recipient during the same or a future period.	
(u) Outlays or expenditures means charges made to the project or program. They	
may be reported on a cash or accrual basis. For reports prepared on a cash basis,	
outlays are the sum of cash disbursements for direct charges for goods and services,	
the amount of indirect expense charged, the value of third party in-kind	
contributions applied and the amount of cash advances and payments made to	
subrecipients. For reports prepared on an accrual basis, outlays are the sum of cash	
disbursements for direct charges for goods and services, the amount of indirect	
expense incurred, the value of in-kind contributions applied, and the net increase (or	
decrease) in the amounts owed by the recipient for goods and other property	
received, for services performed by employees, contractors, subrecipients and other	
payees and other amounts becoming owed under programs for which no current	
services or performance are required.	
(v) Personal property means property of any kind except real property. It may be	
tangible, having physical existence, or intangible, having no physical existence, such	
as copyrights, patents, or securities.	
as copyrights, patents, or securities.	
(w) Prior approval means written approval by an authorized official evidencing prior	
(w) This approval means written approval by an autionized official evidencing prof	
(x) Program income means gross income earned by the recipient that is directly	(e) "Program income," as defined in paragraph $.2(x)$, does not include
generated by a supported activity or earned as a result of the award (see exclusions	the receipt of principal on loans, rebates, credits, discounts, etc., or interest
in paragraphs .24 (e) and (h)). Program income includes, but is not limited to,	earned on any of them, unless the agency-specific requirements provide
income from fees for services performed, the use or rental of real or personal	otherwise.
income from fees for services performed, the use or rental of real or personal	otherwise.

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property acquired under federally-funded projects, the sale of commodities or items fabricated under an award, license fees and royalties on patents and copyrights, and interest on loans made with award funds. Interest earned on advances of Federal funds is not program income. Except as otherwise provided in Federal awarding agency regulations or the terms and conditions of the award, program income does not include the receipt of principal on loans, rebates, credits, discounts, etc., or interest earned on any of them.	
(y) Project costs means all allowable costs, as set forth in the applicable Federal cost principles, incurred by a recipient and the value of the contributions made by third parties in accomplishing the objectives of the award during the project period.	
(z) Project period means the period established in the award document during which Federal sponsorship begins and ends.	
(aa) Property means, unless otherwise stated, real property, equipment, intangible property and debt instruments.	(f) The term "property" includes supplies in addition to other types of property identified in the definition in paragraph2(aa).
(bb) Real property means land, including land improvements, structures and appurtenances thereto, but excludes movable machinery and equipment.	
(cc) Recipient means an organization receiving financial assistance directly from Federal awarding agencies to carry out a project or program. The term includes public and private institutions of higher education, public and private hospitals, and other quasi-public and private non-profit organizations such as, but not limited to, community action agencies, research institutes, educational associations, and health centers. The term may include commercial organizations, foreign or international organizations (such as agencies of the United Nations) which are recipients, subrecipients, or contractors or subcontractors of recipients or subrecipients at the discretion of the Federal awarding agency. The term does not include government- owned contractor-operated facilities or research centers providing continued support for mission-oriented, large-scale programs that are government-owned or controlled, or are designated as federally-funded research and development centers.	(g) In lieu of the definition given at paragraph2(cc), the term "recipient" means the organization that received the award.

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 (dd) Research and development means all research activities, both basic and applied, and all development activities that are supported at universities, colleges, and other non-profit institutions. "Research" is defined as a systematic study directed toward fuller scientific knowledge or understanding of the subject studied. "Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes. The term research also includes activities involving the training of individuals in research techniques where such activities utilize the same facilities as other research and development activities and where such activities are not included in the instruction function. (ee) Small awards means a grant or cooperative agreement not exceeding the small purchase threshold fixed at 41 U.S.C. 403(11) (currently \$25,000). 	CIRCULARS
(ff) Subaward means an award of financial assistance in the form of money, or property in lieu of money, made under an award by a recipient to an eligible subrecipient or by a subrecipient to a lower tier subrecipient. The term includes financial assistance when provided by any legal agreement, even if the agreement is called a contract, but does not include procurement of goods and services nor does it include any form of assistance which is excluded from the definition of "award" in paragraph (e).	(h) In lieu of the definition given in paragraph2(ff), the term "subaward" means an award of financial assistance in the form of money, or property in lieu of money, made under an award by a recipient to an eligible subrecipient or by a subrecipient to a lower tier subrecipient. The term includes financial assistance when provided by any legal agreement, even if the agreement is called a contract, but does not include procurement of goods and services nor does it include: technical assistance, which provides services instead of money; other assistance in the form of loans, loan guarantees, interest subsidies, or insurance; direct payments of any kind to individuals; and, contracts which are required to be entered into and administered under procurement laws and regulations
(gg) Subrecipient means the legal entity to which a subaward is made and which is accountable to the recipient for the use of the funds provided. The term may include foreign or international organizations (such as agencies of the United Nations) at the discretion of the Federal awarding agency.	(i) The term "subrecipient," as defined in paragraph2(gg) includes the types of organizations shown for the Federal awarding agency in the Appendix A to the FDP Operating Procedures, found at the website <u>http://www.nsf.gov/home/grants/grants_fdp.htm</u>
(hh) Supplies means all personal property excluding equipment, intangible property, and debt instruments as defined in this section, and inventions of a contractor	

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conceived or first actually reduced to practice in the performance of work under a funding agreement ("subject inventions"), as defined in 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts, and Cooperative Agreements."	CIRCULARS
(ii) Suspension means an action by a Federal awarding agency that temporarily withdraws Federal sponsorship under an award, pending corrective action by the recipient or pending a decision to terminate the award by the Federal awarding agency. Suspension of an award is a separate action from suspension under Federal agency regulations implementing E.O.s 12549 and 12689, "Debarment and Suspension."	
(jj) Termination means the cancellation of Federal sponsorship, in whole or in part, under an agreement at any time prior to the date of completion.	
(kk) Third party in-kind contributions means the value of non-cash contributions provided by non-Federal third parties. Third party in-kind contributions may be in the form of real property, equipment, supplies and other expendable property, and the value of goods and services directly benefiting and specifically identifiable to the project or program.	
(ll) Unliquidated obligations, for financial reports prepared on a cash basis, means the amount of obligations incurred by the recipient that have not been paid. For reports prepared on an accrued expenditure basis, they represent the amount of obligations incurred by the recipient for which an outlay has not been recorded.	
(mm) Unobligated balance means the portion of the funds authorized by the Federal awarding agency that has not been obligated by the recipient and is determined by deducting the cumulative obligations from the cumulative funds authorized.	
(nn) Unrecovered indirect cost means the difference between the amount awarded and the amount which could have been awarded under the recipient's approved negotiated indirect cost rate.	

OMB CIRCULAR A-110 (oo) Working capital advance means a procedure where by funds are advanced to the recipient to cover its estimated disbursement needs for a given initial period.	FDP IMPLEMENTATION OF FEDERAL MANAGEMENT CIRCULARS
3 Effect on other issuances.	3. Reserved
4 Deviations 5 Subawards Unless sections of this Circular specifically exclude subrecipients from coverage, the provisions of this Circular shall be applied to subrecipients performing work under awards if such subrecipients are institutions of higher education, hospitals or other non-profit organizations. State and local government subrecipients are subject to the	 4. Deviations. Any request by the recipient for waiver or deviation from any provision of either these general terms and conditions or the agency specific requirements shall be submitted to the awarding agency's designated representative identified on the signature page of the Demonstration Agreement. Any request by the recipient for a waiver or deviation from any special condition attached to this award shall be submitted to the cognizant awarding agency official for this particular award (usually the Grants Officer or Contracting Officer who signed the award on behalf of the awarding agency). 5. Subawards. Section 5 of OMB Circular A-110 has the following clarification: The applicable provisions for subawards are described in the Appendix A to the Federal Demonstration Partnership "Operating Procedures" found in the matrix at the following website: http://www.nsf.gov/home/grants/grants_fdp.htm
provisions of regulations implementing the grants management common rule, ``Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments," published at 53 FR 8034 (3/11/88).	
SUBPART B – Pre-Award Requirements	II. PRE-AWARD REQUIREMENTS
	10. Purpose . The requirements in Sections10 through17 of OMB Circular A-110 are not incorporated into these General Terms and Conditions, except that Article 11 addresses national policy requirements.
	11. Assurances. By signing the agreement or accepting funds under the agreement, the recipient assures that it will comply with the applicable

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	provisions for national policy requirements found in Appendix B to the
	Federal Demonstration Partnership "Operating Procedures: found in the matrix at the following website:
	http://www.nsf.gov/home/grants/grants_fdp.htm. Should an applicable
	national requirement be missing from the matrix, recipients and
	subrecipients are nevertheless responsible for compliance with applicable
	national policy requirements.
SUBPART C - Post-Award Requirements	III. POST-AWARD REQUIREMENTS
	Post-award requirements in these General Terms and Conditions
	implement the provisions in Subpart C of OMB Circular A-110. The
	numbering of the articles in these General Terms and Conditions therefore
	parallels the numbering of the Circular's provisions (e.g., Article 21 in this
	document implements section21 of OMB Circular A-110).
	HIA FINANCIAL AND DDOOD AM MANACEMENT
Financial and Program Management	III.A. FINANCIAL AND PROGRAM MANAGEMENT
.20 Purpose of financial and program management. Sections .21 through	20. Purpose of financial and program management. Articles 21
.28 prescribe standards for financial management systems, methods for making	through 29 reflect Federal Awarding Agency implementation of Sections
payments and rules for: satisfying cost sharing and matching requirements,	21 through29 of OMB Circular A-110.
accounting for program income, budget revision approvals, making audits,	
determining allowability of cost, and establishing fund availability.	
.21 Standards for financial management systems.	21. Standards for financial management systems. The recipient's
	financial management system shall meet the standards specified in
(a) Federal awarding agencies shall require recipients to relate financial data to	paragraph (b) of section .21 of OMB Circular A-110.
performance data and develop unit cost information whenever practical.	
(b) Recipients' financial management systems shall provide for the following.	
(1) Accurate, current and complete disclosure of the financial results of each	
federally-sponsored project or program in accordance with the reporting	
requirements set forth in Section52. If a Federal awarding agency requires	

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reporting on an accrual basis from a recipient that maintains its records on other than	
an accrual basis, the recipient shall not be required to establish an accrual accounting	
system. These recipients may develop such accrual data for its reports on the basis of	
an analysis of the documentation on hand.	
(2) Records that identify adequately the source and application of funds for	
federally-sponsored activities. These records shall contain information pertaining to	
Federal awards, authorizations, obligations, unobligated balances, assets, outlays,	
income and interest.	
(3) Effective control over and accountability for all funds, property and other assets.	
Recipients shall adequately safeguard all such assets and assure they are used solely	
for authorized purposes.	
(4) Comparison of outlays with budget amounts for each award. Whenever	
appropriate, financial information should be related to performance and unit cost	
data.	
(5) Written procedures to minimize the time elapsing between the transfer of funds to the recipient from the U.S. Treasury and the issuance or redemption of checks,	
warrants or payments by other means for program purposes by the recipient. To the	
extent that the provisions of the Cash Management Improvement Act (CMIA) (Pub.	
L. 101-453) govern, payment methods of State agencies, instrumentalities, and fiscal	
agents shall be consistent with CMIA Treasury-State Agreements or the CMIA	
default procedures codified at 31 CFR part 205, "Withdrawal of Cash from the	
Treasury for Advances under Federal Grant and Other Programs."	
(6) Written procedures for determining the reasonableness, allocability and	
allowability of costs in accordance with the provisions of the applicable Federal cost	
principles and the terms and conditions of the award.	
(7) Accounting records including cost accounting records that are supported by	
source documentation.	

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(c) Where the Federal Government guarantees or insures the repayment of money	
borrowed by the recipient, the Federal awarding agency, at its discretion, may	
require adequate bonding and insurance if the bonding and insurance requirements	
of the recipient are not deemed adequate to protect the interest of the Federal	
Government.	
(d) The Federal awarding agency may require adequate fidelity bond coverage where	
the recipient lacks sufficient coverage to protect the Federal Government's interest.	
(e) Where bonds are required in the situations described above, the bonds shall be	
obtained from companies holding certificates of authority as acceptable sureties, as	
prescribed in 31 CFR part 223, "Surety Companies Doing Business with the United	
States."	
22 Payment.	22. Payment . Section22 of OMB Circular A-110 governs the Federal awarding agency's and recipient's responsibilities concerning
(a) Payment methods shall minimize the time elapsing between the transfer of funds	payments, with the following clarifications:
from the United States Treasury and the issuance or redemption of checks, warrants,	payments, with the following clarifications.
or payment by other means by the recipients. Payment methods of State agencies or	(a) Payments will be made in advance, subject to the conditions described
instrumentalities shall be consistent with Treasury-State CMIA agreements or	in paragraph (b) of section .22, unless the Federal awarding agency
default procedures codified at 31 CFR part 205.	provides otherwise in the agency-specific terms and conditions or the
default procedures counted at 51 cr 1 part 205.	award document.
(b) Recipients are to be paid in advance, provided they maintain or demonstrate the	
willingness to maintain:	(b) With respect to paragraph (l) of section .22, the complete address
	for remitting checks for interest earned on Federal advances is Department
(1) written procedures that minimize the time elapsing between the transfer of funds	of Health and Human Services, Payment Management System, P.O. Box
and disbursement by the recipient, and	6021, Rockville, MD 20852.
(2) financial management systems that meet the standards for fund control and	(1) In keeping with Electronic Funds Transfer rules (31 CFR
accountability as established in Section21. Cash advances to a recipient	part 206), interest should be remitted to the HHS Payment
organization shall be limited to the minimum amounts needed and be timed to be in	Management System through an electronic medium such as the
accordance with the actual, immediate cash requirements of the recipient	FEDWIR Deposit System. Electronic remittances should be in the
organization in carrying out the purpose of the approved program or project. The	format and should include any data that are specified by the HHS as
timing and amount of cash advances shall be as close as is administratively feasible	being necessary to facilitate direct deposit in HHS' account at the

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to the actual disbursements by the recipient organization for direct program or project costs and the proportionate share of any allowable indirect costs.	Department of the Treasury.
	(2) Recipients that do not have electronic remittance capability
(c) Whenever possible, advances shall be consolidated to cover anticipated cash needs for all awards made by the Federal awarding agency to the recipient.	should send a check to the address in section (b) above.
(1) Advance payment mechanisms include, but are not limited to, Treasury check and electronic funds transfer.	
(2) Advance payment mechanisms are subject to 31 CFR part 205.	
(3) Recipients shall be authorized to submit requests for advances and reimbursements at least monthly when electronic fund transfers are not used.	
(d) Requests for Treasury check advance payment shall be submitted on SF-270, "Request for Advance or Reimbursement," or other forms as may be authorized by OMB. This form is not to be used when Treasury check advance payments are made to the recipient automatically through the use of a predetermined payment schedule or if precluded by special Federal awarding agency instructions for electronic funds transfer.	
(e) Reimbursement is the preferred method when the requirements in paragraph (b) cannot be met. Federal awarding agencies may also use this method on any construction agreement, or if the major portion of the construction project is accomplished through private market financing or Federal loans, and the Federal assistance constitutes a minor portion of the project.	
(1) When the reimbursement method is used, the Federal awarding agency shall make payment within 30 days after receipt of the billing, unless the billing is improper.	
(2) Recipients shall be authorized to submit request for reimbursement at least monthly when electronic funds transfers are not used.	

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(f) If a recipient cannot meet the criteria for advance payments and the Federal	
awarding agency has determined that reimbursement is not feasible because the	
recipient lacks sufficient working capital, the Federal awarding agency may provide	
cash on a working capital advance basis. Under this procedure, the Federal awarding	
agency shall advance cash to the recipient to cover its estimated disbursement needs	
for an initial period generally geared to the awardee's disbursing cycle. Thereafter,	
the Federal awarding agency shall reimburse the recipient for its actual cash	
disbursements. The working capital advance method of payment shall not be used	
for recipients unwilling or unable to provide timely advances to their subrecipient to	
meet the subrecipient's actual cash disbursements.	
(g) To the extent available, recipients shall disburse funds available from repayments	
to and interest earned on a revolving fund, program income, rebates, refunds,	
contract settlements, audit recoveries and interest earned on such funds before	
requesting additional cash payments.	
requesting additional cash payments.	
(h) Unless otherwise required by statute, Federal awarding agencies shall not	
withhold payments for proper charges made by recipients at any time during the	
project period unless (1) or (2) apply.	
(1) A recipient has failed to comply with the project objectives, the terms and	
conditions of the award, or Federal reporting requirements.	
(2) The recipient or subrecipient is delinquent in a debt to the United States as	
defined in OMB Circular A-129, "Managing Federal Credit Programs." Under such	
conditions, the Federal awarding agency may, upon reasonable notice, inform the	
recipient that payments shall not be made for obligations incurred after a specified	
date until the conditions are corrected or the indebtedness to the Federal Government	
is liquidated.	
(i) Standards governing the use of banks and other institutions as depositories of	
funds advanced under awards are as follows.	
Tanas auvanova anaor awards are as ronows.	
(1) Except for situations described in paragraph (i)(2), Federal awarding agencies	

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shall not require separate depository accounts for funds provided to a recipient or	
establish any eligibility requirements for depositories for funds provided to a	
recipient. However, recipients must be able to account for the receipt, obligation and	
expenditure of funds.	
(2) Advances of Federal funds shall be deposited and maintained in insured accounts	
whenever possible.	
(j) Consistent with the national goal of expanding the opportunities for women-	
owned and minority-owned business enterprises, recipients shall be encouraged to	
use women- owned and minority-owned banks (a bank which is owned at least 50	
percent by women or minority group members).	
(k) Recipients shall maintain advances of Federal funds in interest bearing accounts,	
unless (1), (2) or (3) apply.	
(1) The recipient receives less than \$120,000 in Federal awards per year.	
(2) The best reasonably available interest bearing account would not be expected to 1000 m^{-1}	
earn interest in excess of \$250 per year on Federal cash balances.	
(3) The depository would require an average or minimum balance so high that it	
would not be feasible within the expected Federal and non-Federal cash resources.	
would not be reasible whill the expected reactur and non reactur cash resources.	
(1) For those entities where CMIA and its implementing regulations do not apply,	
interest earned on Federal advances deposited in interest bearing accounts shall be	
remitted annually to Department of Health and Human Services, Payment	
Management System, Rockville, MD 20852. Interest amounts up to \$250 per year	
may be retained by the recipient for administrative expense. State universities and	
hospitals shall comply with CMIA, as it pertains to interest. If an entity subject to	
CMIA uses its own funds to pay pre-award costs for discretionary awards without	
prior written approval from the Federal awarding agency, it waives its right to	
recover the interest under CMIA.	

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(m) Except as noted elsewhere in this Circular, only the following forms shall be	
authorized for the recipients in requesting advances and reimbursements. Federal	
agencies shall not require more than an original and two copies of these forms.	
"O'	
(1) SF-270, Request for Advance or Reimbursement. Each Federal awarding agency	
shall adopt the SF-270 as a standard form for all nonconstruction programs when	
electronic funds transfer or predetermined advance methods are not used. Federal	
awarding agencies, however, have the option of using this form for construction	
programs in lieu of the SF-271, "Outlay Report and Request for Reimbursement for	
Construction Programs."	
(2) SF-271, Outlay Report and Request for Reimbursement for Construction	
Programs. Each Federal awarding agency shall adopt the SF-271 as the standard	
form to be used for requesting reimbursement for construction programs. However, a	
Federal awarding agency may substitute the SF-270 when the Federal awarding	
agency determines that it provides adequate information to meet Federal needs.	
agency determines that it provides adequate information to meet rederar needs.	
.23 Cost sharing or matching.	23. Cost sharing or matching. Section .23 of OMB Circular A-110
	governs the allowability and valuation of third party in-kind and recipient
(a) All contributions, including cash and third party in-kind, shall be accepted as part	contributions toward cost sharing or matching, with the following
of the recipient's cost sharing or matching when such contributions meet all of the	clarifications:
	clarifications.
following criteria.	(a) Should Section 22 he amonded to an arife documentation
(1) Ano wailfahla fuan tha mainimula na anda	(a) Should Section23 be amended to specify documentation
(1) Are verifiable from the recipient's records.	requirements for different types of cost sharing (e.g., mandatory, voluntary,
	or excess voluntary), these documentation requirements are hereby
(2) Are not included as contributions for any other federally-assisted project or	incorporated into the FDP General Terms and Conditions
program.	(b) The recipient may include unrecovered indirect costs as part of cost
	sharing or matching.
(3) Are necessary and reasonable for proper and efficient accomplishment of project	(c) Certain other costs or valuation methods require approval of the Federal
or program objectives.	awarding agency, in accordance with paragraphs (c) and (g) (2) of section
	23.
(4) Are allowable under the applicable cost principles.	(d) Full value of equipment or other capital assets and fair rental charges
	for land may be allowed, instead of only depreciation or use charges,
(5) Are not paid by the Federal Government under another award, except where	provided that the Federal awarding agency has approved the charges.

SIDE-BY-SIDE OF A-110 AND FDP Ts and Cs

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authorized by Federal statute to be used for cost sharing or matching.	CIRCULARS
(6) Are provided for in the approved budget when required by the Federal awarding agency.	
(7) Conform to other provisions of this Circular, as applicable.	
(b) Unrecovered indirect costs may be included as part of cost sharing or matching only with the prior approval of the Federal awarding agency.	
(c) Values for recipient contributions of services and property shall be established in accordance with the applicable cost principles. If a Federal awarding agency authorizes recipients to donate buildings or land for construction/facilities acquisition projects or long-term use, the value of the donated property for cost sharing or matching shall be the lesser of (1) or (2).	
(1) The certified value of the remaining life of the property recorded in the recipient's accounting records at the time of donation.	
(2) The current fair market value. However, when there is sufficient justification, the Federal awarding agency may approve the use of the current fair market value of the donated property, even if it exceeds the certified value at the time of donation to the project.	
(d) Volunteer services furnished by professional and technical personnel, consultants, and other skilled and unskilled labor may be counted as cost sharing or matching if the service is an integral and necessary part of an approved project or program. Rates for volunteer services shall be consistent with those paid for similar work in the recipient's organization. In those instances in which the required skills are not found in the recipient organization, rates shall be consistent with those paid for similar work in the labor market in which the recipient competes for the kind of services involved. In either case, paid fringe benefits that are reasonable, allowable, and allocable may be included in the valuation.	

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(e) When an employer other than the recipient furnishes the services of an employee,	
these services shall be valued at the employee's regular rate of pay (plus an amount	
of fringe benefits that are reasonable, allowable, and allocable, but exclusive of	
overhead costs), provided these services are in the same skill for which the employee	
is normally paid.	
(f) Donated supplies may include such items as expendable equipment, office	
supplies, laboratory supplies or workshop and classroom supplies. Value assessed to	
donated supplies included in the cost sharing or matching share shall be reasonable	
and shall not exceed the fair market value of the property at the time of the donation.	
(g) The method used for determining cost sharing or matching for donated	
equipment, buildings and land for which title passes to the recipient may differ	
according to the purpose of the award, if (1) or (2) apply.	
(1) If the purpose of the award is to assist the recipient in the acquisition of	
equipment, buildings or land, the total value of the donated property may be claimed	
as cost sharing or matching.	
(2) If the purpose of the award is to support activities that require the use of	
equipment, buildings or land, normally only depreciation or use charges for equipment and buildings may be made. However, the full value of equipment or	
other capital assets and fair rental charges for land may be allowed, provided that the	
Federal awarding agency has approved the charges.	
(h) The value of donated property shall be determined in accordance with the usual	
accounting policies of the recipient, with the following qualifications.	
(1) The value of donated land and buildings shall not exceed its fair market value at	
the time of donation to the recipient as established by an independent appraiser (e.g.,	
certified real property appraiser or General Services Administration representative)	
and certified by a responsible official of the recipient.	
(2) The value of donated equipment shall not exceed the fair market value of	

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equipment of the same age and condition at the time of donation.	CIRCULARS
(3) The value of donated space shall not exceed the fair rental value of comparable space as established by an independent appraisal of comparable space and facilities in a privately-owned building in the same locality.	
(4) The value of loaned equipment shall not exceed its fair rental value.	
(5) The following requirements pertain to the recipient's supporting records for in- kind contributions from third parties.	
(i) Volunteer services shall be documented and, to the extent feasible, supported by the same methods used by the recipient for its own employees.	
(ii) The basis for determining the valuation for personal service, material, equipment, buildings and land shall be documented.	
 24 Program income. (a) Federal awarding agencies shall apply the standards set forth in this section in requiring recipient organizations to account for program income related to projects financed in whole or in part with Federal funds. (b) Except as provided in paragraph (h) below, program income earned during the project period shall be retained by the recipient and, in accordance with Federal awarding agency regulations or the terms and conditions of the award, shall be used in one or more of the ways listed in the following. (1) Added to funds committed to the project by the Federal awarding agency and recipient and used to further eligible project or program objectives. (2) Used to finance the non-Federal share of the project or program. 	 24. Program income. The use and disposition of program income is governed by section24 of OMB Circular A-110. Unless the agency-specific requirements of the award specify otherwise: (a) The additive method of paragraph24(b)(1) will be used to dispose of program income, in accordance with paragraph24(d). (b) The recipient will have no obligation to the Federal Government for program income earned after the end of the project period, in accordance with paragraph24(e). (c) The recipient will have no obligation to the Federal Government for program income earned from license fees and royalties for copyrighted material, in accordance with paragraph24(h).
(3) Deducted from the total project or program allowable cost in determining the net	

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allowable costs on which the Federal share of costs is based.	
(c) When an agency authorizes the disposition of program income as described in	
(b) (i) (i) (b) (c) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	
be used in accordance with paragraph (b)(3).	
be used in accordance with paragraph (0)(3).	
(d) In the event that the Federal awarding agency does not specify in its regulations	
or the terms and conditions of the award how program income is to be used,	
paragraph (b)(3) shall apply automatically to all projects or programs except	
research. For awards that support research, paragraph (b)(1) shall apply	
automatically unless the awarding agency indicates in the terms and conditions	
another alternative on the award or the recipient is subject to special award	
conditions, as indicated in Section14.	
(e) Unless Federal awarding agency regulations or the terms and conditions of the	
award provide otherwise, recipients shall have no obligation to the Federal	
Government regarding program income earned after the end of the project period.	
overmient regarding program meente earlied arter the end of the project period.	
(f) If authorized by Federal awarding agency regulations or the terms and conditions	
of the award, costs incident to the generation of program income may be deducted	
from gross income to determine program income, provided these costs have not been	
charged to the award.	
(g) Proceeds from the sale of property shall be handled in accordance with the	
requirements of the Property Standards (See Sections30 through37).	
(h) Unless Federal awarding agency regulations or the terms and condition of the	
award provide otherwise, recipients shall have no obligation to the Federal	
Government with respect to program income earned from license fees and royalties	
for copyrighted material, patents, patent applications, trademarks, and inventions	
produced under an award. However, Patent and Trademark Amendments (35 U.S.C.	
18) apply to inventions made under an experimental, developmental, or research	
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25 Revision of budget and program plans.	25. Revision of budget and program plans.
(a) The budget plan is the financial expression of the project or program as approved during the award process. It may include either the Federal and non-Federal share, or only the Federal share, depending upon Federal awarding agency requirements. It shall be related to performance for program evaluation purposes whenever appropriate.	(a) The budget plan is the financial expression of the project or program as approved during the award process. The approved budget includes the Federal share of project costs and that portion of the non-Federal share of project costs, if any, that the recipient and the Federal awarding agency formally agree upon as cost sharing (see paragraph (a) of Article 23).
(b) Recipients are required to report deviations from budget and program plans, and request prior approvals for budget and program plan revisions, in accordance with this section.	(b) The recipient must obtain the prior written approval of the Federal awarding agency before making any of the following project changes:
(c) For nonconstruction awards, recipients shall request prior approvals from Federal awarding agencies for one or more of the following program or budget related reasons.	(1) <u>A change in scope or objectives</u> of the project as stated in the approved application or approved modifications thereto, such as a change in the phenomenon(a) under study, even if there is no associated budget revision.
(1) Change in the scope or the objective of the project or program (even if there is no associated budget revision requiring prior written approval).	(2) <u>The absence or change of the Principal Investigator/Project</u> <u>Director (PI/PD)</u> . If the approved PI/PD severs his or her connection with the recipient or otherwise relinquishes active direction of the
(2) Change in a key person specified in the application or award document.	project (either permanently or for a continuous period of more than 3 months or a 25 percent reduction in time devoted to the project), then
(3) The absence for more than three months, or a 25 percent reduction in time devoted to the project, by the approved project director or principal investigator.	the recipient must either:
(4) The need for additional Federal funding.	(i) Appoint a replacement PI/PD with the approval of the awarding agency;
(5) The transfer of amounts budgeted for indirect costs to absorb increases in direct costs, or vice versa, if approval is required by the Federal awarding agency.	(ii) Seek and receive prior approval from the awarding agency for the reduction of time devoted to the project; or
(6) The inclusion, unless waived by the Federal awarding agency, of costs that require prior approval in accordance with OMB Circular A-21, "Cost Principles for Educational Institutions," OMB Circular A-122, "Cost Principles for Non-Profit Organizations," or 45 CFR part 74 Appendix E, "Principles for Determining Costs	(iii) Relinquish the award (in which case the award will be terminated by mutual agreement, in accordance with Article 61).
Applicable to Research and Development under Grants and Contracts with	(3) <u>The need for additional federal funding</u> . The maximum obligation

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Hospitals," or 48 CFR part 31, "Contract Cost Principles and Procedures," as applicable.	of the Federal awarding agency to the recipient is the amount indicated in the award as obligated by that agency. Nothing in this Article or in the other requirements of the award requires the
(7) The transfer of funds allotted for training allowances (direct payment to trainees) to other categories of expense.	awarding agency to make any additional award of funds or limits its discretion with respect to the amount of funding to be provided for the same or any other purpose.
(8) Unless described in the application and funded in the approved awards, the subaward, transfer or contracting out of any work under an award. This provision does not apply to the purchase of supplies, material, equipment or general support services.(d) No other prior approval requirements for specific items may be imposed unless a deviation has been approved by OMB.	 (4) <u>The transfer, by contract or other means, of a significant part of the research or substantive programmatic effort</u>, unless described in the approved application or approved modifications to the award. The recipient must submit a justification, a description of the scientific/technical impact on the project, and a budget estimate to the cognizant Federal awarding agency official.
(e) Except for requirements listed in paragraphs (c)(1) and (c)(4) of this section, Federal awarding agencies are authorized, at their option, to waive cost-related and administrative prior written approvals required by this Circular and OMB Circulars A-21 and A-122. Such waivers may include authorizing recipients to do any one or more of the following.	(c) All prior approvals required in OMB Circulars A-21 and A-122, except those waived in subparagraphs $(1) - (6)$ of this Article, and in Article 27, must be obtained. The recipient is authorized to do any one or more of the following:
 (1) Incur pre-award costs 90 calendar days prior to award or more than 90 calendar days with the prior approval of the Federal awarding agency. All pre-award costs are incurred at the recipient's risk (i.e., the Federal awarding agency is under no obligation to reimburse such costs if for any reason the recipient does not receive an award or if the award is less than anticipated and inadequate to cover such costs). (2) Initiate a one-time extension of the expiration date of the award of up to 12 months unless one or more of the following conditions apply. For one-time 	 (1) Incur pre-award costs 90 calendar days prior to award (or more than 90 calendar days with the prior approval of the Federal awarding agency). Pre-award expenditures prior to funding of an increment within a multiple-year project, including any optional years, are not subject to this limitation or approval requirement. All costs are incurred at the recipient's risk (i.e., the Federal awarding agency is under no obligation to reimburse such costs if for any reason the recipient does not receive an award or if the award is
extensions, the recipient must notify the Federal awarding agency in writing with the supporting reasons and revised expiration date at least 10 days before the expiration date specified in the award. This one-time extension may not be exercised merely for the purpose of using unobligated balances.	less than anticipated and inadequate to cover such costs).(2) Initiate a one-time extension of the expiration date of the award of up to 12 months unless one or more of the following conditions applies:
(i) The terms and conditions of award prohibit the extension.	(i) The agency-specific requirements of the award prohibit the

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(ii) The extension requires additional Federal funds.

(iii) The extension involves any change in the approved objectives or scope of the project.

(3) Carry forward unobligated balances to subsequent funding periods.

(4) For awards that support research, unless the Federal awarding agency provides otherwise in the award or in the agency's regulations, the prior approval requirements described in paragraph (e) are automatically waived (i.e., recipients need not obtain such prior approvals) unless one of the conditions included in paragraph (e)(2) applies.

(f) The Federal awarding agency may, at its option, restrict the transfer of funds among direct cost categories or programs, functions and activities for awards in which the Federal share of the project exceeds \$100,000 and the cumulative amount of such transfers exceeds or is expected to exceed 10 percent of the total budget as last approved by the Federal awarding agency. No Federal awarding agency shall permit a transfer that would cause any Federal appropriation or part thereof to be used for purposes other than those consistent with the original intent of the appropriation.

(g) All other changes to nonconstruction budgets, except for the changes described in paragraph (j), do not require prior approval.

(h) For construction awards, recipients shall request prior written approval promptly from Federal awarding agencies for budget revisions whenever (1), (2) or (3) apply.

(1) The revision results from changes in the scope or the objective of the project or program.

(2) The need arises for additional Federal funds to complete the project.

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extension

(ii) The extension requires additional Federal funds.

(iii) The extension involves any change in the approved objectives or scope of the project.

(3) For one-time extensions, the recipient must notify the Federal awarding agency in writing with the supporting reasons and revised expiration date at least 10 days before the expiration date specified in the award. This one-time extension may not be exercised merely for the purpose of using unobligated balances.

(4) Carry forward unobligated balances to subsequent funding periods. Any unobligated balance of funds which remains at the end of any funding period, except the final funding period of the project, shall be carried over to the next funding period, and may be used to defray costs of any funding period of the project in addition to the current year's funding. Since the carryover of unobligated balances is automatic, no separate or specific awarding agency prior approval shall be required to authorize use of the funds.

(5) <u>The inclusion of costs that require the Federal awarding agency's</u> <u>prior approval under the applicable cost principles</u>. Applicable cost principles depend upon the type of organization, as described in section _____.27 of OMB Circular A-110. Note that the Federal awarding agency gives its approval for the inclusion of certain costs for which the agency's prior approval is required by the applicable cost principles, as detailed in Article 27.

(6) The transfer of amounts budgeted for indirect costs to absorb increases in direct costs, or vice versa, if approval is required by the Federal awarding agency.(7) The transfer of funds allotted for training allowances (direct

OMB CIRCULAR A-110 (3) A revision is desired which involves specific costs for which prior written approval requirements may be imposed consistent with applicable OMB cost principles listed in Section27. (b) N = d = i for the prior to the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written in the prior written is the prior written in the prior written
 (3) A revision is desired which involves specific costs for which prior written approval requirements may be imposed consistent with applicable OMB cost principles listed in Section27. (d) The recipient must provide revised budget information to the Federal
approval requirements may be imposed consistent with applicable OMB cost principles listed in Section27. (d) The recipient must provide revised budget information to the Federal
principles listed in Section27. (d) The recipient must provide revised budget information to the Federal
(d) The recipient must provide revised budget information to the Federal
(i) No other prior approval requirements for specific items may be imposed unless a awarding agency if there are any significant changes in the size or scope of
deviation has been approved by OMB.the project or in the originally negotiated total estimated cost for the
project period.
(j) When a Federal awarding agency makes an award that provides support for both
construction and nonconstruction work, the Federal awarding agency may require (1) To request approval for budget revisions, the recipient shall use
the recipient to request prior approval from the Federal awarding agency before the budget forms that were used in the application unless the Federal supering agency find or budget transfers between the two transfers of work supering agency states in its A gency Specific Pequirements that a
making any fund or budget transfers between the two types of work supported. awarding agency states in its Agency-Specific Requirements that a letter of request suffices.
(k) For both construction and nonconstruction awards, Federal awarding agencies
shall require recipients to notify the Federal awarding agency in writing promptly (2) Within 30 calendar days from the date of receipt of the request
whenever the amount of Federal authorized funds is expected to exceed the needs of for budget revisions, the Federal awarding agency shall review the
the recipient for the project period by more than \$5000 or five percent of the Federal request and notify the recipient whether the budget revisions have
award, whichever is greater. This notification shall not be required if an application been approved. If the revision is still under consideration at the end
for additional funding is submitted for a continuation award.
recipient in writing of the date when the recipient may expect the
(1) When requesting approval for budget revisions, recipients shall use the budget decision.
forms that were used in the application unless the Federal awarding agency indicates
a letter of request suffices.
(m) Within 30 calendar days from the date of receipt of the request for budget
revisions, Federal awarding agencies shall review the request and notify the recipient
whether the budget revisions have been approved. If the revision is still under
consideration at the end of 30 calendar days, the Federal awarding agency shall
inform the recipient in writing of the date when the recipient may expect the
decision.
26 Non-Federal audits. The recipient will obtain audits and require
(a) Recipients and subrecipients that are institutions of higher education or other (a) Recipients and subrecipients that are institutions of higher education or other (b) Circular A-110.
(a) Recipients and subrecipients that are institutions of higher education or other non-profit organizations (including hospitals) shall be subject to the audit Circular A-110.

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requirements contained in the Single Audit Act Amendments of 1996 (31 USC 7501-7507) and revised OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."	CIRCULARS
(b) State and local governments shall be subject to the audit requirements contained in the Single Audit Act Amendments of 1996 (31 USC 7501-7507) and revised OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations."	
(c) For-profit hospitals not covered by the audit provisions of revised OMB Circular A-133 shall be subject to the audit requirements of the Federal awarding agencies.	
(d) Commercial organizations shall be subject to the audit requirements of the Federal awarding agency or the prime recipient as incorporated into the award document.	
27 Allowable costs. For each kind of recipient, there is a set of Federal principles for determining allowable costs. Allowability of costs shall be determined in accordance with the cost principles applicable to the entity incurring the costs. Thus, allowability of costs incurred by State, local or federally-recognized Indian tribal governments is determined in accordance with the provisions of OMB Circular A-87, "Cost Principles for State, Local, and Indian Tribal Governments." The	 27. Allowable costs. This includes costs of the award and costs of subrecipients under subawards to the award. Allowable costs of the recipient and subrecipients are in accordance with the cost principles described in section27 of OMB Circular A-110, with the following clarifications:
allowability of costs incurred by non-profit organizations is determined in accordance with the provisions of OMB Circular A-122, "Cost Principles for Non- Profit Organizations." The allowability of costs incurred by institutions of higher education is determined in accordance with the provisions of OMB Circular A-21, "Cost Principles for Educational Institutions." The allowability of costs incurred by hospitals is determined in accordance with the provisions of Appendix E of 45 CFR	 (a) <u>Educational institutions covered by OMB Circular A-21</u>. (1) <u>Prior approvals</u>. The Federal awarding agency hereby approves the inclusion of certain costs for which the agency's prior approval is required by the cost principles for educational institutions, in OMB Circular A-21. Agency approval is granted for the recipient to:
part 74, "Principles for Determining Costs Applicable to Research and Development Under Grants and Contracts with Hospitals." The allowability of costs incurred by commercial organizations and those non-profit organizations listed in Attachment C to Circular A-122 is determined in accordance with the provisions of the Federal Acquisition Regulation (FAR) at 48 CFR part 31.	 (i) Include charges for faculty consulting on sponsored agreements that exceed a faculty member's base salary, but only in unusual cases where: (a) consultation is across departmental lines or involves a separate or remote operation; and (b) the consulting work is in addition to the faculty member's regular departmental load [reference paragraph J.8.d.(1) of OMB Circular A-21].

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	(ii) Include as direct charges capital expenditures for general purpose
	equipment or special purpose equipment, but only if the equipment is
	primarily used in the actual conduct of the research, as stated in paragraph
	34.(c) of Article 34 of these General Terms and Conditions [reference
	paragraphs J.16.b.(1) and (2) of OMB Circular A-21].
	(iii) Include as direct charges capital expenditures for improvements to
	equipment that materially increases the equipment's value or useful life,
	but only if the equipment is primarily used in the actual conduct of the
	research [reference paragraph J.16.b.(3) of OMB Circular A-21].
	(iv) Include preagreement costs, to the extent described in paragraph
	25.(c)(1) of Article 25 of these General Terms and Conditions [reference
	paragraph J.31. of OMB Circular A-21].
	(v) Include alterations and renovations under \$25,000 [reference paragraph
	J.35. of OMB Circular A-21], subject to the following conditions:
	(A) The element is a second is a second in the second is the discussion of
	(A)The alteration or renovation must be essential to the project supported;
	(B) The facility to be altered or renovated must have a useful
	life consistent with research purposes and be architecturally and
	structurally suitable for conversion to the type of space
	required;
	(C) The space involved must actually be occupied by the
	project or program; (D) The space must be suitable for human occupancy before
	alteration or renovation work is started, except where the
	purpose of the alteration or renovation is to make the space
	suitable for some purpose other than human occupancy (e.g.,
	storage);
	(E) If the space is rented, evidence must be provided that the
	terms of the lease are compatible with the alteration and

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	renovation proposed.
	(2) The following clarification applies to the standard in paragraph c.4.d.
	of OMB Circular A-21, which relates to allocation of costs for interrelated
	projects supported by multiple Federal awards: The interrelationship
	between or among projects does not have to be formally stipulated, but
	must be demonstrable on the basis of the following criteria. Either: (a) the
	theoretical approaches are interrelated; (b) studies of the same phenomena
	are conducted by the same or different techniques; or (c) studies of
	different phenomena are conducted by the same technique.
	(b) Nonprofit organizations covered by OMB Circular A-122. The Federal
	awarding agency hereby approves the inclusion of certain costs for which
	the agency's prior approval is required by the cost principles for nonprofit
	organizations, in OMB Circular A-122. Agency approval is granted for the
	recipient to:
	(1) Include as direct charges capital expenditures for general purpose
	equipment or special purpose equipment, but only if the equipment is
	primarily used in the actual conduct of the research, as stated in paragraph
	34.(c) of Article 34 of these General Terms and Conditions [reference
	paragraphs 15.b.(1) and (2) of Attachment B to OMB Circular A-122].
	(2) Include as direct charges capital expenditures for improvements to
	equipment that materially increases the equipment's value or useful life,
	but only if the equipment is primarily used in the actual conduct of the
	research [reference paragraph 15.d. of Attachment B to OMB
	Circular A-122].
	(3) Include participant support costs such as stipends, subsistence
	allowances, travel allowances, and registration fees paid to or on behalf of
	participants or trainees (but not employees) in connection with meetings,
	conferences, symposia, or training projects [reference paragraph 34 of

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	Attachment B to OMB Circular A-122.]
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	(4) Include pre-award costs incurred up to 90 days prior to the effective
	date of the award, as provided in Article $25.(c)(1)$ of these general terms
	and conditions [reference paragraph 38 of Attachment B to OMB Circular
	A-122.]
	······································
	(5) Include costs of alterations and renovations under \$25,000 [reference
	paragraph 42. of Attachment B to OMB Circular A-122], subject to the
	following conditions:
	following conditions.
	(i) The alteration or renovation must be accordial to the project
	(i)The alteration or renovation must be essential to the project
	supported;
	(ii) The facility to be altered or renovated must have a useful life
	consistent with research purposes and be architecturally and structurally
	suitable for conversion to the type of space required;
	(iii) The space involved must actually be occupied by the project
	or program;
	(iv) The space must be suitable for human occupancy before
	alteration or renovation work is started, except where the purpose of the
	alteration or renovation is to make the space suitable for some purpose
	other than human occupancy (e.g., storage);
	(v) If the space is rented, evidence must be provided that the
	terms of the lease are compatible with the alteration and renovation
	proposed.
	(6) Include costs for foreign travel outside of Canada and the United
	States and its territories and possessions [reference paragraph 55.e. of
	Attachment B to OMB Circular A-122.]
	(c) <u>Hospitals covered by 45 CFR 74, Appendix E</u> . The Federal awarding
	agencies hereby approve the inclusion of certain costs for which the
	agency's prior approve the inclusion of certain costs for which the agency's prior approval is required by the cost principles for hospitals, in
	45 CFR 74, Appendix E. Agency approval is granted for the recipient to:

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	(1) Include as direct charges capital expenditures for general purpose
	equipment or special purpose equipment, but only if the equipment is
	primarily used in the actual conduct of the research as stated in paragraph
	34.,(c)of Article 34 of these General Terms and Conditions (reference
	paragraphs IX.B.4 & 12 of 45 CFR 74, Appendix E).
	(2) Include charges for non-hospital professional activities that exceed a staff member's base salary, but only in unusual cases where (a)
	the non-hospital professional activities are across departmental lines or
	involve a separate or remote operation; and (b) the non-hospital
	professional work is in addition to the staff members regular departmental
	load (reference paragraph IX.B.7.f. of 45 CFR 74, Appendix E).
	(3) Include preagreement costs to the extent described in paragraph
	25.3.1 of Article of these General Terms and Conditions (reference
	paragraph IX.B.27 of 45 CFR 74, Appendix E).
	(4) Rearrangement, alteration and reconversion costs under \$25,000
	(reference paragraphs IX.B.32 & 33 of 45 CFR 74, Appendix E) subject to
	the following conditions:
	(i)The rearrangement or alteration must be essential to the project
	supported; (ii)The facility to be altered or rearranged must have a useful life consistent
	(ii)The facility to be altered or rearranged must have a useful life consistent with research purposes and be architecturally and structurally suitable for
	conversion to the type of space required;
	(iii)The space involved must actually be occupied by the project or
	program;
	(iv) The space must be suitable for human occupancy before alteration or
	rearrangement work is started, except where the purpose of the alteration
	or rearrangement is to make the space suitable for some purpose other than
	human occupancy (e.g., storage);
	(v) If the space is rented, evidence must be provided that the terms of the
	lease are compatible with the alteration and rearrangement proposed.
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28 Period of availability of funds. Where a funding period is specified, a recipient may charge to the grant only allowable costs resulting from obligations incurred during the funding period and any pre-award costs authorized by the Federal awarding agency.	28. Period of availability of funds . The recipient may charge to the award only allowable costs resulting from obligations incurred during the funding period specified, any pre-award costs authorized in accordance with paragraph (c) of Article 25 of these General Terms and Conditions, and costs incidental to the production of the final report.
29 Conditional exemptions.	29. <u>Reserved</u>
(a) OMB authorizes conditional exemption from OMB administrative requirements and cost principles circulars for certain Federal programs with statutorily-authorized consolidated planning and consolidated administrative funding, that are identified by a Federal agency and approved by the head of the Executive department or establishment. A Federal agency shall consult with OMB during its consideration of whether to grant such an exemption.	
(b) To promote efficiency in State and local program administration, when Federal non-entitlement programs with common purposes have specific statutorily- authorized consolidated planning and consolidated administrative funding and where most of the State agency's resources come from non-Federal sources, Federal agencies may exempt these covered State-administered, non-entitlement grant programs from certain OMB grants management requirements. The exemptions would be from all but the allocability of costs provisions of OMB Circulars A-87 (Attachment A, subsection C.3), "Cost Principles for State, Local, and Indian Tribal Governments," A-21 (Section C, subpart 4), "Cost Principles for Educational Institutions," and A-122 (Attachment A, subsection A.4), "Cost Principles for Non-Profit Organizations," and from all of the administrative requirements provisions of OMB Circular A-110, "Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations," and the agencies' grants management common rule.	

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 (a) When a Federal agency provides this flexibility, as a prerequisite to a State's exercising this option, a State must adopt its own written fiscal and administrative requirements for expending and accounting for all funds, which are consistent with the provisions of OMB Circular A-87, and extend such policies to all subrecipients. These fiscal and administrative requirements must be sufficiently specific to ensure that: funds are used in compliance with all applicable Federal statutory and regulatory provisions, costs are reasonable and necessary for operating these programs, and funds are not be used for general expenses required to carry out other responsibilities of a State or its subrecipients. 	
Property Standards	III.B. PROPERTY STANDARDS
30 Purpose of property standards. Sections31 through37 set forth uniform standards governing management and disposition of property furnished by the Federal Government whose cost was charged to a project supported by a Federal award. Federal awarding agencies shall require recipients to observe these standards under awards and shall not impose additional requirements, unless specifically required by Federal statute. The recipient may use its own property management standards and procedures provided it observes the provisions of Sections31 through37.	30. Purpose of property standards. Sections31 through37 set forth uniform standards governing management and disposition of property furnished by the Federal Government whose cost was charged to a project supported by a Federal award.
31 Insurance coverage. Recipients shall, at a minimum, provide the equivalent insurance coverage for real property and equipment acquired with Federal funds as provided to property owned by the recipient. Federally-owned property need not be insured unless required by the terms and conditions of the award.	31. Insurance coverage . Requirements for insuring real property or equipment under the award are as stated in section31 of OMB Circular A-110.
32 Real property. Each Federal awarding agency shall prescribe requirements for recipients concerning the use and disposition of real property acquired in whole or in part under awards. Unless otherwise provided by statute, such requirements, at a minimum, shall contain the following.	32. Real property . The recipient may not acquire real property under the award without the prior approval of the Federal awarding agency, in accordance with paragraph J.16.b.(1) of OMB Circular A-21. Should approval be granted to do so, the Federal awarding agency will prescribe

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(a) Title to real property shall vest in the recipient subject to the condition that the recipient shall use the real property for the authorized purpose of the project as long as it is needed and shall not encumber the property without approval of the Federal awarding agency.	requirements for use and disposition of the property, in accordance with section32 of OMB Circular A-110.
(b) The recipient shall obtain written approval by the Federal awarding agency for the use of real property in other federally-sponsored projects when the recipient determines that the property is no longer needed for the purpose of the original project. Use in other projects shall be limited to those under federally-sponsored projects (i.e., awards) or programs that have purposes consistent with those authorized for support by the Federal awarding agency.	
(c) When the real property is no longer needed as provided in paragraphs (a) and (b), the recipient shall request disposition instructions from the Federal awarding agency or its successor Federal awarding agency. The Federal awarding agency shall observe one or more of the following disposition instructions.	
(1) The recipient may be permitted to retain title without further obligation to the Federal Government after it compensates the Federal Government for that percentage of the current fair market value of the property attributable to the Federal participation in the project.	
(2) The recipient may be directed to sell the property under guidelines provided by the Federal awarding agency and pay the Federal Government for that percentage of the current fair market value of the property attributable to the Federal participation in the project (after deducting actual and reasonable selling and fix-up expenses, if any, from the sales proceeds). When the recipient is authorized or required to sell the property, proper sales procedures shall be established that provide for competition to the extent practicable and result in the highest possible return.	
(3) The recipient may be directed to transfer title to the property to the Federal Government or to an eligible third party provided that, in such cases, the recipient shall be entitled to compensation for its attributable percentage of the current fair	

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market value of the property.	
22 Esderally served and around property	22 Estevally sympet and even the property
33 Federally-owned and exempt property.	33. Federally-owned and exempt property.
(a) Federally-owned property.	(a) <u>Federally-owned property</u> includes: equipment or supplies that are
(a) redefany-owned property.	furnished by the Federal Government; or equipment acquired by the
(1) Title to federally-owned property remains vested in the Federal Government.	recipient under a Federal award that specifies that title to the property vests
Recipients shall submit annually an inventory listing of federally-owned property in	upon acquisition in the Federal Government. The recipient:
their custody to the Federal awarding agency. Upon completion of the award or	upon acquisition in the reactar Government. The recipient.
when the property is no longer needed, the recipient shall report the property to the	(1) Must submit annual and final reports for any Federally-owned
Federal awarding agency for further Federal agency utilization.	property under the award, in accordance with paragraph (a)(1) of
rederar awarding agency for further rederar agency diffization.	section .33 of OMB Circular A-110.
(2) If the Federal awarding agency has no further need for the property, it shall be	
declared excess and reported to the General Services Administration, unless the	(2) May use Federally-owned equipment on other activities not
Federal awarding agency has statutory authority to dispose of the property by	sponsored by the Federal Government only if authorized by the
alternative methods (e.g., the authority provided by the Federal Technology Transfer	Federal awarding agency. User charges must be treated as program
Act (15 U.S.C. 3710 (I)) to donate research equipment to educational and non-profit	income, in accordance with paragraph (d) of section .34 of the
organizations in accordance with E.O. 12821, "Improving Mathematics and Science	Circular A-110.
Education in Support of the National Education Goals.") Appropriate instructions	
shall be issued to the recipient by the Federal awarding agency.	(3) Must administer Federally-owned equipment in accordance with
	paragraph (f) of section .34.
(b) Exempt property. When statutory authority exists, the Federal awarding agency	Paragraph (-)
has the option to vest title to property acquired with Federal funds in the recipient	(b) Exempt property. All equipment and supplies acquired by the
without further obligation to the Federal Government and under conditions the	recipient under the award are "exempt property," as that term is defined in
Federal awarding agency considers appropriate. Such property is "exempt property."	OMB Circular A-110. Articles 34 and 35 of these General Terms and
Should a Federal awarding agency not establish conditions, title to exempt property	Conditions address the requirements for equipment and supplies,
upon acquisition shall vest in the recipient without further obligation to the Federal	respectively.
Government.	
34 Equipment.	34. Equipment.
(a) Title to equipment acquired by a recipient with Federal funds shall vest in the	(a) Unless the agency-specific requirements provide otherwise, title to all
recipient, subject to conditions of this section.	equipment purchased or fabricated with Federal awarding agency or
	recipient cost sharing funds, as direct costs of the project or program, shall

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(b) The recipient shall not use equipment acquired with Federal funds to provide	vest in the recipient upon acquisition without further obligation to the
services to non-Federal outside organizations for a fee that is less than private	Federal Government, subject to the following conditions:
companies charge for equivalent services, unless specifically authorized by Federal	
statute, for as long as the Federal Government retains an interest in the equipment.	(1) The Federal awarding agency may require that title be transferred
	to the Federal Government or a third party if the project or program
(c) The recipient shall use the equipment in the project or program for which it was	for which the equipment was purchased is transferred to another
acquired as long as needed, whether or not the project or program continues to be	recipient. In any such case, the Federal awarding agency will notify
supported by Federal funds and shall not encumber the property without approval of	the recipient of the intent to transfer title within 120 days following
the Federal awarding agency. When no longer needed for the original project or	the expiration or termination of the project and paragraph $(g)(2)$ of
program, the recipient shall use the equipment in connection with its other federally-	section34 of OMB Circular A-110 then applies.
sponsored activities, in the following order of priority: (i) Activities sponsored by	
the Federal awarding agency which funded the original project, then (ii) activities	(2) As long as the Federal Government continues to support the
sponsored by other Federal awarding agencies.	project or program for which the equipment was purchased, the
	recipient:
(d) During the time that equipment is used on the project or program for which it	····p·····
was acquired, the recipient shall make it available for use on other projects or	(i) Must use the equipment in that project or program, unless it
programs if such other use will not interfere with the work on the project or program	no longer is needed for that project or program. The recipient
for which the equipment was originally acquired. First preference for such other use	may not encumber the equipment without the approval of the
shall be given to other projects or programs sponsored by the Federal awarding	Federal awarding agency.
agency that financed the equipment; second preference shall be given to projects or	
programs sponsored by other Federal awarding agencies. If the equipment is owned	(ii) Must use the equipment in accordance with paragraphs (b)
by the Federal Government, use on other activities not sponsored by the Federal	and (d) of section .34 of OMB Circular A-110. In
Government shall be permissible if authorized by the Federal awarding agency. User	accordance with paragraph (b), the recipient shall not use
charges shall be treated as program income.	equipment acquired with Federal funds to provide services to
enarges shar de realed as program mednie.	non-Federal outside organizations for a fee that is less than
(e) When acquiring replacement equipment, the recipient may use the equipment to	private companies charge for equivalent services, unless
be replaced as trade-in or sell the equipment and use the proceeds to offset the costs	specifically authorized by Federal statute.
of the replacement equipment subject to the approval of the Federal awarding	specifically autorized by reactal statute.
agency.	(iii) May, when acquiring replacement equipment, use the
agency.	equipment that is being replaced as trade-in or sell the
(f) The recipient's property management standards for equipment acquired with	equipment and use the proceeds to offset the costs of the
Federal funds and federally-owned equipment shall include all of the following.	replacement equipment, as authorized by paragraph (e) of
recercit rands and recercity-owned equipment shan merude an of the following.	section .34 of OMB Circular A-110.
(1) Equipment records shall be maintained accurately and shall include the following	
(1) Equipment records shall be maintained accurately and shall include the following	

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information.	(3) The recipient must account for the equipment in accordance with
	paragraph (f) of section34. The recipient must continue to
(i) A description of the equipment.	account for the equipment after the cessation of Federal support for the project or program for which the equipment was purchased, in a
(ii) Manufacturer's serial number, model number, Federal stock number, national	manner that ensures that: (a) equipment purchased under the award is
stock number, or other identification number.	not later included as a contribution toward cost sharing under another
	Federal award; and (b) depreciation or use charges for the equipment
(iii) Source of the equipment, including the award number.	are not later included in any proposal for Facilities and
	Administration costs.
(iv) Whether title vests in the recipient or the Federal Government.	(b) The recipient shall specify in any cost-type subaward whether title to
(v) Acquisition date (or date received, if the equipment was furnished by the Federal	equipment purchased or fabricated under the subaward vests in the
Government) and cost.	recipient or subrecipient. If title vests in the subrecipient, it must be
	subject to the conditions specified in paragraph 34 (a) of this article
(vi) Information from which one can calculate the percentage of Federal	(modified appropriately if the subrecipient is not an institution of higher
participation in the cost of the equipment (not applicable to equipment furnished by the Federal Government).	education or nonprofit organization and its property management standards are specified in a document other than OMB Circular A-110). The
the rederat Government).	recipient shall also require each subrecipient to specify, in any lower-tier,
(vii) Location and condition of the equipment and the date the information was	cost-type subaward that the subrecipient awards, whether title to equipment
reported.	purchased or fabricated under that lower-tier subaward vests in the
	subrecipient making the subaward or in the lower-tier subrecipient.
(viii) Unit acquisition cost.	(a) Furner ditures for accusicition on inverse and of accused and
(ix) Ultimate disposition data, including date of disposal and sales price or the	(c) Expenditures for acquisition or improvement of general purpose and special purpose equipment, as defined in paragraphs J.16.a.(3) and (4) of
method used to determine current fair market value where a recipient compensates	OMB Circular A-21, are allowable as direct costs of the project in
the Federal awarding agency for its share.	accordance with Article 27, Section $(a)(1)(C)$.
(2) Equipment owned by the Federal Government shall be identified to indicate	
Federal ownership.	
(3) A physical inventory of equipment shall be taken and the results reconciled with	
the equipment records at least once every two years. Any differences between	
quantities determined by the physical inspection and those shown in the accounting	
records shall be investigated to determine the causes of the difference. The recipient	

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shall, in connection with the inventory, verify the existence, current utilization, and continued need for the equipment.	CIRCULARS
(4) A control system shall be in effect to insure adequate safeguards to prevent loss, damage, or theft of the equipment. Any loss, damage, or theft of equipment shall be investigated and fully documented; if the equipment was owned by the Federal Government, the recipient shall promptly notify the Federal awarding agency.	
(5) Adequate maintenance procedures shall be implemented to keep the equipment in good condition.	
(6) Where the recipient is authorized or required to sell the equipment, proper sales procedures shall be established which provide for competition to the extent practicable and result in the highest possible return.	
(g) When the recipient no longer needs the equipment, the equipment may be used for other activities in accordance with the following standards. For equipment with a current per unit fair market value of \$5000 or more, the recipient may retain the equipment for other uses provided that compensation is made to the original Federal awarding agency or its successor. The amount of compensation shall be computed by applying the percentage of Federal participation in the cost of the original project or program to the current fair market value of the equipment. If the recipient has no need for the equipment, the recipient shall request disposition instructions from the Federal awarding agency. The Federal awarding agency shall determine whether the equipment can be used to meet the agency's requirements. If no requirement exists within that agency, the availability of the equipment shall be reported to the General Services Administration by the Federal awarding agency to determine whether a requirement for the equipment exists in other Federal agencies. The Federal awarding agency shall issue instructions to the recipient no later than 120 calendar days after the recipient's request and the following procedures shall govern.	
(1) If so instructed or if disposition instructions are not issued within 120 calendar days after the recipient's request, the recipient shall sell the equipment and reimburse the Federal awarding agency an amount computed by applying to the sales proceeds	

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the percentage of Federal participation in the cost of the original project or program.	
However, the recipient shall be permitted to deduct and retain from the Federal share	
\$500 or ten percent of the proceeds, whichever is less, for the recipient's selling and	
handling expenses.	
(2) If the recipient is instructed to ship the equipment elsewhere, the recipient shall	
be reimbursed by the Federal Government by an amount which is computed by	
applying the percentage of the recipient's participation in the cost of the original	
project or program to the current fair market value of the equipment, plus any	
reasonable shipping or interim storage costs incurred.	
(3) If the recipient is instructed to otherwise dispose of the equipment, the recipient	
shall be reimbursed by the Federal awarding agency for such costs incurred in its	
disposition.	
(4) The Federal awarding agency may reserve the right to transfer the title to the	
Federal Government or to a third party named by the Federal Government when	
such third party is otherwise eligible under existing statutes. Such transfer shall be	
subject to the following standards.	
(i) The equipment shall be appropriately identified in the award or otherwise made	
known to the recipient in writing.	
(ii) The Federal awarding agency shall issue disposition instructions within 120	
calendar days after receipt of a final inventory. The final inventory shall list all	
equipment acquired with grant funds and federally-owned equipment. If the Federal	
awarding agency fails to issue disposition instructions within the 120 calendar day	
period, the recipient shall apply the standards of this section, as appropriate.	
(iii) When the Federal awarding agency exercises its right to take title, the equipment	
shall be subject to the provisions for federally-owned equipment.	
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.35 Supplies and other expendable property.	35. Supplies . Section .35 of OMB Circular A-110 governs the vesting
	of title and requirements for use and disposition of supplies, with the
	or the unit requirements for use and disposition of supplies, with the

OMB CIRCULAR A-110 FDP IMPLEMENTATION OF FEDERAL MANAGEMENT CIRCULARS (a) Title to supplies and other expendable property shall vest in the recipient upon acquisition. If there is a residual inventory of unused supplies exceeding \$5000 in the supplies are not needed for any other federally-sponsored project or program and the supplies for use on non-Federal sponsored activities or sell them, but shall, in either case, compensate the Federal Government for its share. The amount of compensation shall be computed in the same manner as for equipment. (a) Unless the agency-specific requirements provide otherwise, title to supplies shall vest in the recipient upon acquisition unconditionally, without further obligation to the Federal Government. (b) The recipient shall not use supplies acquired with Federal funds to provide services to non-Federal Quistic organizations for a fee that is less than private companies charge for equivalent services, unless specifically authorized by Federal statute as long as the Federal Government retains an interest in the supplies. 36. Intangible property. Section36 of OMB Circular A-110 specifies the Government's and recipient's rights and responsibilities concerning coyrights, patents and inventions, including governing patents and inventions including government-wide regulations issued by the Department of Commerce at 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements." (b) The award shall be subject to the Patents Rights (Small Business Firms and Nonprofit Organizations) clause at 37 CFR 401.14 and the following: "Inventing Federal awarding agency, the Federal Government has the right to (1) and (2). (c) Unless waived by the Federal awarding agency, the Federal Government has right	P	
 (a) Title to supplies and other expendable property shall vest in the recipient upon acquisition. If there is a residual inventory of unused supplies exceeding \$5000 in total aggregate value upon termination or completion of the project or program and the supplies are not needed for any other federally-sponsored project or program, the recipient shall needs the sequend Government for its share. The amount of compensation shall be computed in the same manner as for equipment. (b) The recipient shall not use supplies acquired with Federal funds to provide services to non-Federal outside organizations for a fee that is less than private companies charge for equivalent services, unless specifically authorized by Federal statute as long as the Federal Government retains an interest in the supplies. 36 Intangible property. (a) The recipient may copyright any work that is subject to copyright and was developed, or for which ownership was purchased, under an award. The Federal awarding agency(ies) reserve a royally-free, nonexclusive and inventors, and data that are generated or acquired under the award, as described in paragraph36(c)(1) and (2). (b) Recipients are subject to applicable regulations governing patents and inventions, including government-wide regulations issued by the Department of Commerce at 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Cooperative Agreements." (c) Unless waived by the Federal awarding agency, the Federal Government for a (2). (d) Unchain, reproduce, publish or otherwise use the data first produced under the atar "admard" and "recipient," respectively. (2) In each instance where the term "Federal Agency," agency," or "funding Federal agency" is used in the clause, the term shall be read to in the clause, the term shall be read to in the clause. 	OMB CIRCULAR A-110	
 acquisition. If there is a residual inventory of nuised supplies exceeding \$5000 in total aggregate value upon termination or completion of the project or program and the supplies are not needed for any other federally-sponsored project or program, then, but shall, neither case, compensation shall be computed in the same manner as for equipment. (b) The recipient shall not use supplies acquired with Federal funds to provide services to non-Federal outside organizations for a fee that is less than private companies charge for equivalent services, unless specifically authorized by Federal statute as long as the Federal Government retains an interest in the supplies. 36 Intangible property. (a) The recipient may copyright any work that is subject to copyright and was developed, or for which ownership was purchased, under an award. The Federal agency(ies) reserve a royalty-free, nonexclusive and irrevocable right to reproduce, publish, or otherwise use the work for Federal purposes, and to authorized awarding agency(ies) reserve a royalty-free, nonexclusive and irrevocable right to reproduce, publish or otherwise use the data first produced under the award, as described in paragraph36(c)(1) and (2). (b) The award shall be subject to applicable regulations governing patents and inventions, including government-wide regulations issued by the Department of Commerce at 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements." (c) Unless waived by the Federal awarding agency, the Federal Government has the right to (1) and (2). (d) Dotain, reproduce, publish or otherwise use the data first produced under award. "Rights of unertipient," respectively. (d) Dotain, reproduce, publish or otherwise use the data first produced under award. "The Federal agency," is used in the clause, the term "Shall be read to or "Contractor" is used in the clause,		
 total aggregate value upon termination of completion of the project or program and the supplies are not needed for any other federall synosreed project or program, the recipient shall retain the supplies for use on non-Federal synosreed activities or sale them, but shall, in either case, compensate the Federal Government for its share. The amount of compensation shall be computed in the same manner as for equipment. (b) The recipient shall not use supplies acquired with Federal funds to provide services to non-Federal outside organizations for a fee that is less than private companies charge for equivalent services, unless specifically authorized by Federal statute as long as the Federal Government retains an interest in the supplies. 36 Intangible property. (a) The recipient may copyright any work that is subject to copyright and was developed, or for which ownership was purchased, under an award. The Federal awarding agency(ies) reserve a royalty-free, nonexclusive and inventions, including government-wide regulations issued by the Department of Commerce at 37 CFR part 401, "Rights to Inventions Made by Nonprofi Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements." (c) Unless waived by the Federal awarding agency, the Federal Government has the right to (1) and (2). (d) Dotain, reproduce, publish or otherwise use the data first produced under award. (e) Unless waived by the Federal awarding agency, the Federal Government has the right to (1) and (2). (f) Dotain, reproduce, publish or otherwise use the data first produced under award. (h) Datain, reproduce, publish or otherwise use the data first produced under award. (h) Datain, reproduce, publish or otherwise use the data first produced under award. (h) Datain, reproduce, publish or otherwise use the data first produced under award. (h) Datain, reproduce, publish or otherwise use the data first produc		following clarification:
the supplies are not needed for any other federally-sponsored project or program, the recipient shall retain the supplies for use on non-Federal Government for its share manner as for equipment. (b) The recipient shall not use supplies acquired with Federal funds to provide services to non-Federal Overnment for its share companies charge for equivalent services, unless specifically authorized by Federal statute as long as the Federal Government retains an interest in the supplies. 36 Intangible property. (a) The recipient may copyright any work that is subject to copyright and was developed, or for which ownership was purchased, under an award. The Federal awarding agency(ies) reserve a royalty-free, nonexclusive and irrevocable right or applicable regulations issued by the Department of Commerce at 37 CFR part 401, "Rights to Inventions Stade by Nonprofit Organizations and Cooperative Agreements." (c) Unless waived by the Federal awarding agency, the Federal Government has the following: Business Firms Under Government Grants, Contracts and Cooperative Agreements." (c) Unless waived by the Federal awarding agency, the Federal Government has the award, agancy. (1) Obtain, reproduce, publish or otherwise use the data first produced under award. (2). (1) Obtain, reproduce, publish or otherwise use the data first produced under award. (2). (1) Obtain, reproduce, publish or otherwise use the data first produced under award. (2). (2) In each instance where the term "Federal Agency," or "funding Federal Agency," or "funding Federal Agency," is used in the clause, the term shall be read to "funding Federal Agency," is used in the clause, the term shall be read to "funding Federal Agency," is used in the clause, the term shall be read to "funding Federal Agency," is used in the clause, the term shall be read to "funding Federal Agency," is used in the clause, the term shall be read to "funding Federal Agency," is used in the clause, the term shall be read to "funding Federal Agency," is used in the clause,		
 recipient shall retain the supplies for use on non-Federal sponsored activities or sell them, but shall, in either case, compensate the Federal Government for its share. The amount of compensation shall be computed in the same manner as for equipment. (b) The recipient shall not use supplies acquired with Federal funds to provide services to non-Federal outside organizations for a fee that is less than private companies charge for equivalent services, unless specifically authorized by Federal statute as long as the Federal Government retains an interest in the supplies. 36 Intangible property. (a) The recipient may copyright any work that is subject to copyright and was developed, or for which ownership was purchased, under an award. The Federal awarding agency(ies) reserve a royalty-free, nonexclusive and irrevocable right to reproduce, publish, or otherwise use the work for Federal purposes, and to authorize others to do so. (b) Recipients are subject to applicable regulations governing patents and inventions, including government. Grants, Contracts and Cooperative Agreements. (c) Unless waived by the Federal awarding agency, the Federal Government has the right to (1) and (2). (1) Obtain, reproduce, publish or otherwise use the data first produced under an award. (1) Obtain, reproduce, publish or otherwise use the data first produced under an award. (b) The federal awarding agency, the Federal Government for the Federal Government is rights concerning data first mether award, as described in paragraph36(c)(1) and (2). (1) Obtain, reproduce, publish or otherwise use the data first produced under an award. (2) In each instance where the term "Federal Agency," or "funding Federal agency" is used in the clause, the term shall be read to in the clause. 		
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award. "funding Federal agency" is used in the clause, the term shall be read to	$\operatorname{fight} \mathfrak{w}(1) \operatorname{and}(2).$	respectively.
award. "funding Federal agency" is used in the clause, the term shall be read to	(1) Obtain reproduce, publish or otherwise use the data first produced under an	(2) In each instance where the term "Federal Agency" "agency" or
		mean the awarding agency for the award.
(2) Authorize others to receive, reproduce, publish, or otherwise use such data for	(2) Authorize others to receive, reproduce, publish, or otherwise use such data for	
Federal purposes. (3) Under paragraph (g) of the clause, the title shall read "Contracts and		(3) Under paragraph (g) of the clause, the title shall read "Contracts and

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$(1)(1)$ Let 1 $\frac{1}{2}$	Subawards Under the Award" and, in that paragraph, "subcontract" and
(d)(1) In addition, in response to a Freedom of Information Act (FOIA) request for	"subcontractor":shall be read as "contract" or "subaward."
research data relating to published research findings produced under an award that	
were used by the Federal Government in developing an agency action that has the	(4) Under subparagraph $(g)(2)$ of the clause, if a contract or subaward is to
force and effect of law, the Federal awarding agency shall request, and the recipient	be made to any organization other than a non-profit organization or small
shall provide, within a reasonable time, the research data so that they can be made	business firm, as defined in paragraph (a) of the clause, the recipient shall
available to the public through the procedures established under the FOIA. If the	contact the cognizant awarding agency official to ascertain the appropriate
Federal awarding agency obtains the research data solely in response to a FOIA	patent clause.
request, the agency may charge the requester a reasonable fee equaling the full	
incremental cost of obtaining the research data. This fee should reflect costs incurred	(e) See the agency-specific requirements of the award for the point of
by the agency, the recipient, and applicable subrecipients. This fee is in addition to	contact for communications on matters relating to the clause.
any fees the agency may assess under the FOIA (5 U.S.C. 552(a)(4)(A)).	
(2) The following definitions apply for purposes of paragraph (d) of this section:	
(i) Research data is defined as the recorded factual material commonly accepted in	
the scientific community as necessary to validate research findings, but not any of	
the following: preliminary analyses, drafts of scientific papers, plans for future	
research, peer reviews, or communications with colleagues. This "recorded" material	
excludes physical objects (e.g., laboratory samples). Research data also do not	
include:	
(A) Trade secrets, commercial information, materials necessary to be held	
confidential by a researcher until they are published, or similar information which is	
protected under law; and	
(B) Personnel and medical information and similar information the disclosure of	
which would constitute a clearly unwarranted invasion of personal privacy, such as	
information that could be used to identify a particular person in a research study.	
(ii) Published is defined as either when:	
(A) Research findings are published in a peer-reviewed scientific or technical	
journal; or	
(B) A Federal agency publicly and officially cites the research findings in support of	
an agency action that has the force and effect of law.	
(iii) Used by the Federal Government in developing an agency action that has the	
force and effect of law is defined as when an agency publicly and officially cites the	
research findings in support of an agency action that has the force and effect of law.	
(e) Title to intangible property and debt instruments acquired under an award or	

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subaward vests upon acquisition in the recipient. The recipient shall use that property for the originally-authorized purpose, and the recipient shall not encumber	
the property without approval of the Federal awarding agency. When no longer	
needed for the originally authorized purpose, disposition of the intangible property	
shall occur in accordance with the provisions of paragraph34(g).	
37 Property trust relationship. Real property, equipment, intangible property and debt instruments that are acquired or improved with Federal funds shall be held in trust by the recipient as trustee for the beneficiaries of the project or program under which the property was acquired or improved. Agencies may require recipients to record liens or other appropriate notices of record to indicate that personal or real property has been acquired or improved with Federal funds and that use and disposition conditions apply to the property.	37. Property trust relationship . Section37 of OMB Circular A-110 applies to real property, equipment and intangible property acquired or improved with Federal funds under the award. This Article imposes no additional requirements for notices of record over and above any described in Articles 32 through 36 of these general terms and conditions and the associated agency-specific requirements.
Procurement Standards	Procurement Standards
.40 Purpose of procurement standards. Sections	40. Procurement . The recipient shall maintain a procurement system that, at a minimum, meets the requirements of sections41 through48 of OMB Circular A-110, with the following clarifications:
services are obtained in an effective manner and in compliance with the provisions of applicable Federal statutes and executive orders. No additional procurement standards or requirements shall be imposed by the Federal awarding agencies upon recipients, unless specifically required by Federal statute or executive order or approved by OMB.	(a) In paragraphs (e)(2) through (5) of section44, section46, and paragraphs (a) and (b) of section48, the term "small purchase threshold" is replaced by "simplified acquisition threshold," the term that now is defined at 41 U.S.C. 403(11). The simplified acquisition threshold currently is \$100,000.
.41 Recipient responsibilities. The standards contained in this section do not relieve the recipient of the contractual responsibilities arising under its contract(s). The recipient is the responsible authority, without recourse to the Federal awarding agency, regarding the settlement and satisfaction of all contractual and	(b) In paragraph (e) of section48, the words "all contracts, including small purchases" is replaced by the words "all contracts, including those for amounts less than the simplified acquisition threshold."
administrative issues arising out of procurements entered into in support of an award or other agreement. This includes disputes, claims, protests of award, source evaluation or other matters of a contractual nature. Matters concerning violation of	(c) The reference in paragraph (e) of section48 to "Appendix A to this Circular" is replaced by a reference to Appendix A of these general terms and conditions.

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statute are to be referred to such Federal, State or local authority as may have proper	
jurisdiction.	(d) The recipient shall give preference in its procurements using Federal
	funds to the purchase of recycled products pursuant to the EPA guidelines
.42 Codes of conduct. The recipient shall maintain written standards of conduct	in 40 CFR parts 247-254 if it is a State or local institution of higher
governing the performance of its employees engaged in the award and	education, hospital, or non-profit organization to which the Resource
administration of contracts. No employee, officer, or agent shall participate in the	Conservation and Recovery Act (RCRA) applies, in accordance with
selection, award, or administration of a contract supported by Federal funds if a real	section16 of OMB Circular A-110.
or apparent conflict of interest would be involved. Such a conflict would arise when	
the employee, officer, or agent, any member of his or her immediate family, his or	(e) The recipient's procurement system, in its essential elements, shall
her partner, or an organization which employs or is about to employ any of the	remain as approved by the Office of Naval Research (ONR) and the ONR
parties indicated herein, has a financial or other interest in the firm selected for an	shall be notified of any major change(s) to the approved system, if the
award. The officers, employees, and agents of the recipient shall neither solicit nor	ONR has reviewed and approved the recipient's procurement system for
accept gratuities, favors, or anything of monetary value from contractors, or parties	any of the following reasons:
to subagreements. However, recipients may set standards for situations in which the	
financial interest is not substantial or the gift is an unsolicited item of nominal value.	(1) The ONR is the cognizant Federal agency for the recipient or has
The standards of conduct shall provide for disciplinary actions to be applied for	reviewed the recipient's procurement system at the request of another
violations of such standards by officers, employees, or agents of the recipient.	Federal awarding agency.
violations of such standards by officers, employees, or agents of the recipient.	rederat awarding agency.
.43 Competition. All procurement transactions shall be conducted in a manner to	
provide, to the maximum extent practical, open and free competition. The recipient	(2) The recipient also receives Federal procurement contracts; the
	administrative contracting officer has determined that there is a need
shall be alert to organizational conflicts of interest as well as noncompetitive	for a contractor's purchasing system review, in accordance with 48
practices among contractors that may restrict or eliminate competition or otherwise	CFR 44.302 in the Federal Acquisition Regulation; and the ONR is
restrain trade. In order to ensure objective contractor performance and eliminate	the office responsible for conducting the review.
unfair competitive advantage, contractors that develop or draft specifications,	
requirements, statements of work, invitations for bids and/or requests for proposals	
shall be excluded from competing for such procurements. Awards shall be made to	
the bidder or offeror whose bid or offer is responsive to the solicitation and is most	
advantageous to the recipient, price, quality and other factors considered.	
Solicitations shall clearly set forth all requirements that the bidder or offeror shall	
fulfill in order for the bid or offer to be evaluated by the recipient. Any and all bids	
or offers may be rejected when it is in the recipient's interest to do so.	
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.44 Procurement procedures.	

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(a) All recipients shall establish written procurement procedures. These procedures	
shall provide for, at a minimum, that (1), (2) and (3) apply.	
(1) Recipients avoid purchasing unnecessary items.	
(2) Where appropriate, an analysis is made of lease and purchase alternatives to	
determine which would be the most economical and practical procurement for the	
Federal Government.	
Federal Government.	
(3) Solicitations for goods and services provide for all of the following.	
(i) A clear and accurate description of the technical requirements for the material,	
product or service to be procured. In competitive procurements, such a description	
shall not contain features which unduly restrict competition.	
(ii) Requirements which the bidder/offeror must fulfill and all other factors to be	
used in evaluating bids or proposals.	
used in evaluating blus of proposals.	
(iii) A description, whenever practicable, of technical requirements in terms of	
functions to be performed or performance required, including the range of	
acceptable characteristics or minimum acceptable standards.	
(iv) The specific features of "brand name or equal" descriptions that bidders are	
required to meet when such items are included in the solicitation.	
(v) The acceptance, to the extent practicable and economically feasible, of products	
and services dimensioned in the metric system of measurement.	
and services unitensioned in the metric system of measurement.	
(vi) Proference to the extent presticable and accommissily family for the family of	
(vi) Preference, to the extent practicable and economically feasible, for products and	
services that conserve natural resources and protect the environment and are energy	
efficient.	
(b) Positive efforts shall be made by recipients to utilize small businesses, minority-	
owned firms, and women's business enterprises, whenever possible. Recipients of	

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Federal awards shall take all of the following steps to further this goal.	CIRCOLARS
(1) Ensure that small businesses, minority-owned firms, and women's business enterprises are used to the fullest extent practicable.	
(2) Make information on forthcoming opportunities available and arrange time frames for purchases and contracts to encourage and facilitate participation by small businesses, minority-owned firms, and women's business enterprises.	
(3) Consider in the contract process whether firms competing for larger contracts intend to subcontract with small businesses, minority-owned firms, and women's business enterprises.	
(4) Encourage contracting with consortiums of small businesses, minority-owned firms and women's business enterprises when a contract is too large for one of these firms to handle individually.	
(5) Use the services and assistance, as appropriate, of such organizations as the Small Business Administration and the Department of Commerce's Minority Business Development Agency in the solicitation and utilization of small businesses, minority- owned firms and women's business enterprises.	
(c) The type of procuring instruments used (e.g., fixed price contracts, cost reimbursable contracts, purchase orders, and incentive contracts) shall be determined by the recipient but shall be appropriate for the particular procurement and for promoting the best interest of the program or project involved. The "cost-plus-a-percentage-of-cost" or "percentage of construction cost" methods of contracting shall not be used.	
(d) Contracts shall be made only with responsible contractors who possess the potential ability to perform successfully under the terms and conditions of the proposed procurement. Consideration shall be given to such matters as contractor integrity, record of past performance, financial and technical resources or accessibility to other necessary resources. In certain circumstances, contracts with	

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certain parties are restricted by agencies' implementation of E.O.s 12549 and 12689, "Debarment and Suspension."	CIRCULARS
(e) Recipients shall, on request, make available for the Federal awarding agency, pre-award review and procurement documents, such as request for proposals or invitations for bids, independent cost estimates, etc., when any of the following conditions apply.	
(1) A recipient's procurement procedures or operation fails to comply with the procurement standards in the Federal awarding agency's implementation of this Circular.	
(2) The procurement is expected to exceed the small purchase threshold fixed at 41 U.S.C. 403 (11) (currently \$25,000) and is to be awarded without competition or only one bid or offer is received in response to a solicitation.	
(3) The procurement, which is expected to exceed the small purchase threshold, specifies a "brand name" product.	
(4) The proposed award over the small purchase threshold is to be awarded to other than the apparent low bidder under a sealed bid procurement.	
(5) A proposed contract modification changes the scope of a contract or increases the contract amount by more than the amount of the small purchase threshold.	
45 Cost and price analysis. Some form of cost or price analysis shall be made and documented in the procurement files in connection with every procurement action. Price analysis may be accomplished in various ways, including the comparison of price quotations submitted, market prices and similar indicia, together with discounts. Cost analysis is the review and evaluation of each element of cost to determine reasonableness, allocability and allowability.	
.46 Procurement records. Procurement records and files for purchases in excess of the small purchase threshold shall include the following at a minimum: (a) basis	[

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for contractor selection, (b) justification for lack of competition when competitive bids or offers are not obtained, and (c) basis for award cost or price.	CIRCOLARS
47 Contract administration. A system for contract administration shall be maintained to ensure contractor conformance with the terms, conditions and specifications of the contract and to ensure adequate and timely follow up of all purchases. Recipients shall evaluate contractor performance and document, as appropriate, whether contractors have met the terms, conditions and specifications of the contract.	
.48 Contract provisions. The recipient shall include, in addition to provisions to define a sound and complete agreement, the following provisions in all contracts. The following provisions shall also be applied to subcontracts.	
(a) Contracts in excess of the small purchase threshold shall contain contractual provisions or conditions that allow for administrative, contractual, or legal remedies in instances in which a contractor violates or breaches the contract terms, and provide for such remedial actions as may be appropriate.	
(b) All contracts in excess of the small purchase threshold shall contain suitable provisions for termination by the recipient, including the manner by which termination shall be effected and the basis for settlement. In addition, such contracts shall describe conditions under which the contract may be terminated for default as well as conditions where the contract may be terminated because of circumstances beyond the control of the contractor.	
(c) Except as otherwise required by statute, an award that requires the contracting (or subcontracting) for construction or facility improvements shall provide for the recipient to follow its own requirements relating to bid guarantees, performance bonds, and payment bonds unless the construction contract or subcontract exceeds \$100,000. For those contracts or subcontracts exceeding \$100,000, the Federal awarding agency may accept the bonding policy and requirements of the recipient,	
provided the Federal awarding agency has made a determination that the Federal Government's interest is adequately protected. If such a determination has not been	

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made, the minimum requirements shall be as follows.	CIRCULARS
(1) A bid guarantee from each bidder equivalent to five percent of the bid price. The "bid guarantee" shall consist of a firm commitment such as a bid bond, certified	
check, or other negotiable instrument accompanying a bid as assurance that the	
bidder shall, upon acceptance of his bid, execute such contractual documents as may	
be required within the time specified.	
(2) A performance bond on the part of the contractor for 100 percent of the contract	
price. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.	
(3) A payment bond on the part of the contractor for 100 percent of the contract price. A "payment bond" is one executed in connection with a contract to assure	
payment as required by statute of all persons supplying labor and material in the	
execution of the work provided for in the contract.	
(4) Where bonds are required in the situations described herein, the bonds shall be	
obtained from companies holding certificates of authority as acceptable sureties pursuant to 31 CFR part 223, "Surety Companies Doing Business with the United	
States."	
(d) All negotiated contracts (except those for less than the small purchase threshold)	
awarded by recipients shall include a provision to the effect that the recipient, the	
Federal awarding agency, the Comptroller General of the United States, or any of	
their duly authorized representatives, shall have access to any books, documents, papers and records of the contractor which are directly pertinent to a specific	
program for the purpose of making audits, examinations, excerpts and transcriptions.	
(e) All contracts, including small purchases, awarded by recipients and their	
contractors shall contain the procurement provisions of Appendix A to this Circular,	
as applicable.	

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Reports and Records	Reports and Records
50 Purpose of reports and records. Sections51 through53 set forth the procedures for monitoring and reporting on the recipient's financial and program performance and the necessary standard reporting forms. They also set forth record retention requirements.	50. Purpose of reports and records . Sections51 through53 set forth the procedures for monitoring and reporting on the recipient's financial and program performance and the necessary standard reporting forms. They also set forth record retention requirements.
 51 Monitoring and reporting program performance. (a) Recipients are responsible for managing and monitoring each project, program, subaward, function or activity supported by the award. Recipients shall monitor subawards to ensure subrecipients have met the audit requirements as delineated in Section26. 	 51. <u>Monitoring and reporting program performance</u>. The recipient's responsibilities for programmatic monitoring and reporting are as stated in paragraphs (a) through (g) of section51 of OMB Circular A-110, with the following additions and clarifications: (a) <u>Publications</u>. The recipient is expected to publish or otherwise make unbiabare is the earth and stated and at the small. An
(b) The Federal awarding agency shall prescribe the frequency with which the performance reports shall be submitted. Except as provided in paragraph51(f), performance reports shall not be required more frequently than quarterly or, less frequently than annually. Annual reports shall be due 90 calendar days after the grant year; quarterly or semi-annual reports shall be due 30 days after the reporting	publicly available the results of the work conducted under the award. An acknowledgment of awarding agency support must appear in the publication of any material, whether copyrighted or not, based on or developed under this project, as follows: (1) The acknowledgment will be: "This material is based upon work supported
period. The Federal awarding agency may require annual reports before the anniversary dates of multiple year awards in lieu of these requirements. The final	by the [name of awarding agency(ies) under Award No. [recipient should enter the awarding agency(ies) award number(s)]."
performance reports are due 90 calendar days after the expiration or termination of the award.	(2)For all materials, except scientific articles or papers published in scientific journals, the disclaimer will be: "Any opinions, findings,
(c) If inappropriate, a final technical or performance report shall not be required after completion of the project.	and conclusions or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the views of the [name(s) of awarding agency(ies)]."
(d) When required, performance reports shall generally contain, for each award, brief information on each of the following.	(b) Technical reports .
(1) A comparison of actual accomplishments with the goals and objectives established for the period, the findings of the investigator, or both. Whenever	(1)The final technical report, in accordance with paragraphs (b)

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appropriate and the output of programs or projects can be readily quantified, such quantitative data should be related to cost data for computation of unit costs.(2) Reasons why established goals were not met, if appropriate.	CIRCULARS through (d) of section51, is due 90 calendar days after the expiration or termination of the award, unless the agency-specific or award-specific terms and conditions state that a final report is not required.
(3) Other pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs.(e) Recipients shall not be required to submit more than the original and two copies of performance reports.	(2) The recipient is encouraged to submit technical reports in computer or electronic formats. When paper copies are submitted, the recipient shall provide an original and two copies, as provided in pargraph (e) of section51.
(f) Recipients shall immediately notify the Federal awarding agency of developments that have a significant impact on the award-supported activities. Also, notification shall be given in the case of problems, delays, or adverse conditions which materially impair the ability to meet the objectives of the award. This notification shall include a statement of the action taken or contemplated, and any assistance needed to resolve the situation.	(c) Site visits . With respect to paragraph (g) of section51, the Federal awarding agency's authorized representatives have the right to make site visits at all reasonable times to review project accomplishments and provide such technical assistance as may be required. All site visits and evaluations shall be performed in a manner that does not unduly interfere with or delay the work.
(g) Federal awarding agencies may make site visits, as needed.(h) Federal awarding agencies shall comply with clearance requirements of 5 CFR	
part 1320 when requesting performance data from recipients.	
52 Financial reporting.	52. Financial reporting . If payments are made in advance, in accordance with Article 22.(a) of these general terms and conditions, the Federal Cash
(a) The following forms or such other forms as may be approved by OMB are authorized for obtaining financial information from recipients.	Transactions Report (SF-272) or its electronic equivalent shall be submitted within 15 days following the end of each funding quarter.
(1) SF-269 or SF-269A, Financial Status Report.	
(i) Each Federal awarding agency shall require recipients to use the SF-269 or SF-269A to report the status of funds for all nonconstruction projects or programs. A Federal awarding agency may, however, have the option of not requiring the SF-269 or SF-269A when the SF-270, Request for Advance or Reimbursement, or SF-272,	

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Report of Federal Cash Transactions, is determined to provide adequate information to meet its needs, except that a final SF-269 or SF-269A shall be required at the completion of the project when the SF-270 is used only for advances.	CIRCULARS
(ii) The Federal awarding agency shall prescribe whether the report shall be on a cash or accrual basis. If the Federal awarding agency requires accrual information and the recipient's accounting records are not normally kept on the accrual basis, the recipient shall not be required to convert its accounting system, but shall develop such accrual information through best estimates based on an analysis of the documentation on hand.	
(iii) The Federal awarding agency shall determine the frequency of the Financial Status Report for each project or program, considering the size and complexity of the particular project or program. However, the report shall not be required more frequently than quarterly or less frequently than annually. A final report shall be required at the completion of the agreement.	
(iv) The Federal awarding agency shall require recipients to submit the SF-269 or SF-269A (an original and no more than two copies) no later than 30 days after the end of each specified reporting period for quarterly and semi-annual reports, and 90 calendar days for annual and final reports. Extensions of reporting due dates may be approved by the Federal awarding agency upon request of the recipient.	
(2) SF-272, Report of Federal Cash Transactions.	
(i) When funds are advanced to recipients the Federal awarding agency shall require each recipient to submit the SF-272 and, when necessary, its continuation sheet, SF- 272a. The Federal awarding agency shall use this report to monitor cash advanced to recipients and to obtain disbursement information for each agreement with the recipients.	
(ii) Federal awarding agencies may require forecasts of Federal cash requirements in the "Remarks" section of the report.	

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(iii) When practical and deemed necessary, Federal awarding agencies may require recipients to report in the "Remarks" section the amount of cash advances received in excess of three days. Recipients shall provide short narrative explanations of actions taken to reduce the excess balances.	CIRCULARS
(iv) Recipients shall be required to submit not more than the original and two copies of the SF-272 15 calendar days following the end of each quarter. The Federal awarding agencies may require a monthly report from those recipients receiving advances totaling \$1 million or more per year.	
(v) Federal awarding agencies may waive the requirement for submission of the SF- 272 for any one of the following reasons: (1) When monthly advances do not exceed \$25,000 per recipient, provided that such advances are monitored through other forms contained in this section; (2) If, in the Federal awarding agency's opinion, the recipient's accounting controls are adequate to minimize excessive Federal advances; or, (3) When the electronic payment mechanisms provide adequate data.	
(b) When the Federal awarding agency needs additional information or more frequent reports, the following shall be observed.	
(1) When additional information is needed to comply with legislative requirements, Federal awarding agencies shall issue instructions to require recipients to submit such information under the "Remarks" section of the reports.	
(2) When a Federal awarding agency determines that a recipient's accounting system does not meet the standards in Section21, additional pertinent information to further monitor awards may be obtained upon written notice to the recipient until such time as the system is brought up to standard. The Federal awarding agency, in obtaining this information, shall comply with report clearance requirements of 5 CFR part 1320.	
(3) Federal awarding agencies are encouraged to shade out any line item on any report if not necessary.	

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(4) Federal awarding agencies may accept the identical information from the recipients in machine readable format or computer printouts or electronic outputs in lieu of prescribed formats.	CIRCULARS
(5) Federal awarding agencies may provide computer or electronic outputs to recipients when such expedites or contributes to the accuracy of reporting.	
53 Retention and access requirements for records.	53. Retention and access requirements for records . The rights and responsibilities of the recipient and Federal awarding agency are as stated
(a) This section sets forth requirements for record retention and access to records for awards to recipients. Federal awarding agencies shall not impose any other record retention or access requirements upon recipients.	in section53 of OMB Circular A-110, with the following clarifications:
(b) Financial records, supporting documents, statistical records, and all other records pertinent to an award shall be retained for a period of three years from the date of submission of the final expenditure report or, for awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, as authorized by the Federal awarding agency. The only exceptions are the following.	(a) With the exception of types of records described in paragraphs (b)(1) through (b)(4) of section53, the recipient must retain financial and programmatic records, supporting documents, statistical records, and all other records of a recipient that are required by the terms of a grant, or may reasonably be considered pertinent to a grant, for a period of 3 years from the date the Financial Status Report is submitted. Since NSF does not use the Financial Status Report, records for NSF grants must be kept of a period of 3 years from the date the final Federal Cash Transaction Report
(1) If any litigation, claim, or audit is started before the expiration of the 3-year period, the records shall be retained until all litigation, claims or audit findings involving the records have been resolved and final action taken.	is submitted.
(2) Records for real property and equipment acquired with Federal funds shall be retained for 3 years after final disposition.	(b) In accordance with paragraph (c) of section53, copies of original records, either in paper or in computer or electronic format, may be substituted for the original records.
(3) When records are transferred to or maintained by the Federal awarding agency, the 3-year retention requirement is not applicable to the recipient.	54 Reporting Potentially Classifiable Information
 (4) Indirect cost rate proposals, cost allocations plans, etc. as specified in paragraph .53(g). 	a. This award is intended for unclassified, publicly releasable research. The recipient will not be granted access to classified information. The awarding agency does not expect that the results of the
(c) Copies of original records may be substituted for the original records if	research project will involve classified information. Under certain

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authorized by the Federal awarding agency.	circumstances, however, a classification review of information originated
	under the award may be required. The awarding agency may review
(d) The Federal awarding agency shall request transfer of certain records to its	research work generated under this award at any time to determine if it
custody from recipients when it determines that the records possess long term	requires classification.
retention value. However, in order to avoid duplicate recordkeeping, a Federal	
awarding agency may make arrangements for recipients to retain any records that are	b. Executive Order 12958 (60 Fed. Reg. 19,825 (1995)), as amended by
continuously needed for joint use.	Executive Order 13292 (68 Fed. Reg. 15315 (2003)) states that basic
	scientific research information not clearly related to the national security
(e) The Federal awarding agency, the Inspector General, Comptroller General of the	shall not be classified. Nevertheless, some information concerning (among
United States, or any of their duly authorized representatives, have the right of	other things) scientific, technological, or economic matters relating to
timely and unrestricted access to any books, documents, papers, or other records of	national security, which includes defense against transnational terrorism, or
recipients that are pertinent to the awards, in order to make audits, examinations,	cryptology may require classification. If a recipient originates information
excerpts, transcripts and copies of such documents. This right also includes timely	during the course of this award that it believes requires classification under
and reasonable access to a recipient's personnel for the purpose of interview and	this Executive order, the recipient must promptly:
discussion related to such documents. The rights of access in this paragraph are not	
limited to the required retention period, but shall last as long as records are retained.	1. Notify the awarding agency's program official or the person
	identified in the Agency Specific Requirements.
(f) Unless required by statute, no Federal awarding agency shall place restrictions on	
recipients that limit public access to the records of recipients that are pertinent to an	2. Submit the information for classification review as directed by the
award, except when the Federal awarding agency can demonstrate that such records	program official or by registered mail directly to the address specified
shall be kept confidential and would have been exempted from disclosure pursuant	in the Agency Specific Requirements.
to the Freedom of Information Act (5 U.S.C. 552) if the records had belonged to the	
Federal awarding agency.	3. Restrict access to the information to the maximum extent possible
	until the recipient is informed that the information is not classified, but
(g) Indirect cost rate proposals, cost allocations plans, etc. Paragraphs (g)(1) and	no longer than thirty (30) days after receipt by the Federal agency
(g)(2) apply to the following types of documents, and their supporting records:	performing the classification review.
indirect cost rate computations or proposals, cost allocation plans, and any similar	
accounting computations of the rate at which a particular group of costs is	c. If the agency performing the classification review determines any of
chargeable (such as computer usage chargeback rates or composite fringe benefit	the information requires classification, the recipient agrees that the
rates).	awarding agency may terminate the award by mutual agreement in
	accordance with the termination provisions of the award, or otherwise
(1) If submitted for negotiation. If the recipient submits to the Federal awarding	amend it. All material deemed to be classified must be handled in
agency or the subrecipient submits to the recipient the proposal, plan, or other	accordance with agency instructions.
computation to form the basis for negotiation of the rate, then the 3-year retention	

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period for its supporting records starts on the date of such submission.	
(2) If not submitted for negotiation. If the recipient is not required to submit to the	d. If the agency performing the classification review does not respond within the specified time periods, the recipient is under no further
Federal awarding agency or the subrecipient is not required to submit to the recipient the proposal, plan, or other computation for negotiation purposes, then the 3-year	obligation to restrict access to the information.
retention period for the proposal, plan, or other computation and its supporting	
records starts at the end of the fiscal year (or other accounting period) covered by the proposal, plan, or other computation.	
Termination and Enforcement	Termination and Enforcement
60 Purpose of termination and enforcement. Sections61 and62 set forth uniform suspension, termination and enforcement procedures.	
.61 Termination.	61. Termination.
(a) Awards may be terminated in whole or in part only if (1), (2) or (3) apply.	(a) Paragraph (a) of section61 of OMB Circular A-110 states the conditions under which the recipient and/or the Federal awarding agency
(1) By the Federal awarding agency, if a recipient materially fails to comply with the	may terminate the award before the date of completion specified in the
terms and conditions of an award.	award document and any amendments thereto.
(2) By the Federal awarding agency with the consent of the recipient, in which case the two parties shall agree upon the termination conditions, including the effective	(b) The recipient and Federal awarding agency are responsible for the closeout of the terminated award, as described in Article 71 of these terms
date and, in the case of partial termination, the portion to be terminated.	and conditions.
(3) By the recipient upon sending to the Federal awarding agency written	(c) After the termination, the recipient and the Federal awarding agency
notification setting forth the reasons for such termination, the effective date, and, in the case of partial termination, the portion to be terminated. However, if the Federal	continue to have the rights and responsibilities described in Article 72 of these terms and conditions.
awarding agency determines in the case of partial termination that the reduced or	
modified portion of the grant will not accomplish the purposes for which the grant was made, it may terminate the grant in its entirety under either paragraphs $(a)(1)$ or	
(2).	
(b) If costs are allowed under an award, the responsibilities of the recipient referred	

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to in paragraph71(a), including those for property management as applicable, shall be considered in the termination of the award, and provision shall be made for continuing responsibilities of the recipient after termination, as appropriate.	CIRCULARS
 62 Enforcement. (a) Remedies for noncompliance. If a recipient materially fails to comply with the terms and conditions of an award, whether stated in a Federal statute, regulation, assurance, application, or notice of award, the Federal awarding agency may, in addition to imposing any of the special conditions outlined in Section14, take one or more of the following actions, as appropriate in the circumstances. (1) Temporarily withhold cash payments pending correction of the deficiency by the recipient or more severe enforcement action by the Federal awarding agency. 	62. Enforcement . Section62 of OMB Circular A-110 specifies the remedies available to the Federal awarding agency when the recipient materially fails to comply with the terms and conditions of the award. Section62 also states the rights and responsibilities of the recipient and the Federal awarding agency related to any enforcement action.
(2) Disallow (that is, deny both use of funds and any applicable matching credit for) all or part of the cost of the activity or action not in compliance.	
(3) Wholly or partly suspend or terminate the current award.	
(4) Withhold further awards for the project or program.	
(5) Take other remedies that may be legally available.	
(b) Hearings and appeals. In taking an enforcement action, the awarding agency shall provide the recipient an opportunity for hearing, appeal, or other administrative proceeding to which the recipient is entitled under any statute or regulation applicable to the action involved.	
(c) Effects of suspension and termination. Costs of a recipient resulting from obligations incurred by the recipient during a suspension or after termination of an award are not allowable unless the awarding agency expressly authorizes them in the notice of suspension or termination or subsequently. Other recipient costs during suspension or after termination which are necessary and not reasonably avoidable	

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are allowable if (1) and (2) apply.	CIRCOLARS
(1) The costs result from obligations which were properly incurred by the recipient before the effective date of suspension or termination, are not in anticipation of it, and in the case of a termination, are noncancellable.	
(2) The costs would be allowable if the award were not suspended or expired normally at the end of the funding period in which the termination takes effect.	
(d) Relationship to debarment and suspension. The enforcement remedies identified in this section, including suspension and termination, do not preclude a recipient from being subject to debarment and suspension under E.O.s 12549 and 12689 and the Federal awarding agency implementing regulations (see Section13).	
SUBPART D - After-the-Award Requirements	IV. AFTER-THE-AWARD REQUIREMENTS
70 Purpose. Sections71 through73 contain closeout procedures and other procedures for subsequent disallowances and adjustments.	
 71 Closeout procedures. (a) Recipients shall submit, within 90 calendar days after the date of completion of the award, all financial, performance, and other reports as required by the terms and conditions of the award. The Federal awarding agency may approve extensions when requested by the recipient. (b) Unless the Federal awarding agency authorizes an extension, a recipient shall liquidate all obligations incurred under the award not later than 90 calendar days after the funding period or the date of completion as specified in the terms and conditions of the award or in agency implementing instructions. (c) The Federal awarding agency shall make prompt payments to a recipient for allowable reimbursable costs under the award being closed out. 	 71. Closeout procedures. The rights and responsibilities of the recipient and the Federal awarding agency are as stated in section71 of OMB Circular A-110, with the following clarifications: (a) The Federal awarding agency shall make downward adjustments to the Federal share of costs, as described in paragraph (e) of section71, if the amount expended by the recipient on project costs is less than the amount stated in the award and any amendments thereto.

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(d) The recipient shall promptly refund any balances of unobligated cash that the Federal awarding agency has advanced or paid and that is not authorized to be retained by the recipient for use in other projects. OMB Circular A-129 governs unreturned amounts that become delinquent debts.	CIRCULARS
(e) When authorized by the terms and conditions of the award, the Federal awarding agency shall make a settlement for any upward or downward adjustments to the Federal share of costs after closeout reports are received.	
(f) The recipient shall account for any real and personal property acquired with Federal funds or received from the Federal Government in accordance with Sections31 through37.	
(g) In the event a final audit has not been performed prior to the closeout of an award, the Federal awarding agency shall retain the right to recover an appropriate amount after fully considering the recommendations on disallowed costs resulting from the final audit.	
72 Subsequent adjustments and continuing responsibilities.	72. Subsequent adjustments and continuing responsibilities.
(a) The closeout of an award does not affect any of the following.	(a) The continuing rights of the Federal awarding agency and
(1) The right of the Federal awarding agency to disallow costs and recover funds on the basis of a later audit or other review.	responsibilities of the recipient after closeout of the award are as stated in paragraph (a) of section72 of OMB Circular A-110.
(2) The obligation of the recipient to return any funds due as a result of later refunds, corrections, or other transactions.	(b) After closeout of the award, the recipient and the Federal awarding agency may modify or end those continuing rights and responsibilities by mutual agreement, as described in paragraph (b) of section72,
(3) Audit requirements in Section26.	provided that the responsibilities of the recipient referred to in paragraph (a) of section72 are considered and provisions made for continuing
(4) Property management requirements in Sections31 through37.	responsibilities of the recipient, as appropriate.
(5) Records retention as required in Section53.	

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(b) After closeout of an award, a relationship created under an award may be modified or ended in whole or in part with the consent of the Federal awarding	
agency and the recipient, provided the responsibilities of the recipient referred to in	
paragraph73(a), including those for property management as applicable, are considered and provisions made for continuing responsibilities of the recipient, as	
appropriate.	
73 Collection of amounts due.	73. Collection of amounts due . The Federal awarding agency's rights and responsibilities for debt collection are as stated in section .73 of
(a) Any funds paid to a recipient in excess of the amount to which the recipient is finally determined to be entitled under the terms and conditions of the award constitute a debt to the Federal Government. If not paid within a reasonable period after the demand for payment, the Federal awarding agency may reduce the debt by (1), (2) or (3).	OMB Circular A-110.
(1) Making an administrative offset against other requests for reimbursements.	
(2) Withholding advance payments otherwise due to the recipient.	
(3) Taking other action permitted by statute.	
(b) Except as otherwise provided by law, the Federal awarding agency shall charge interest on an overdue debt in accordance with 4 CFR Chapter II, "Federal Claims Collection Standards."	
Appendix A	Appendix A
Contract Provisions	Contract Provisions
All contracts, awarded by a recipient including small purchases, shall contain the following provisions as applicable:	All contracts awarded by a recipient, including those for amounts less than the simplified acquisition threshold, shall contain the provisions described in paragraphs 1 through 8 in Appendix A of OMB Circular A-110, as
1. Equal Employment Opportunity - All contracts shall contain a provision requiring compliance with E.O. 11246, "Equal Employment Opportunity," as amended by	applicable, with the following clarifications:
E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment	A.1. Equal Employment Opportunity. The reference to "40 CFR part 60"

OMB CIRCULAR A-110 Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." 2. Copeland "Anti-Kickback" Act (18 U.S.C. 874 and 40 U.S.C. 276c) - All contracts and subgrants in excess of \$2000 for construction or repair awarded by recipients and subrecipients shall include a provision for compliance with the	 FDP IMPLEMENTATION OF FEDERAL MANAGEMENT CIRCULARS in paragraph 1 of the Appendix in OMB Circular A-110 is replaced by "40 CFR chapter 60." The text of Executive Order 11246 may be found at 3 CFR, 1964-1965 Comp., p.339, and that of Executive Order 11375 may be found at 3 CFR, 1966-1970 Comp., p. 684. A.2. Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333). In paragraph 4 of the Appendix in OMB Circular A-110, the words "all
Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.	 contracts awarded by recipients in excess of \$2000 for construction contracts and in excess of \$2500 for other contracts that involve the employment of mechanics or laborers" are replaced by "all contracts awarded by recipients in excess of \$100,000 for construction or other purposes that involve the employment of mechanics or laborers." A.3. Debarment and Suspension (E.O.s 12549 and 12689). Paragraph 8 of the Appendix in OMB Circular A-110 applies to contract awards that exceed the simplified acquisition threshold and certain other contract
3. Davis-Bacon Act, as amended (40 U.S.C. 276a to a-7) - When required by Federal program legislation, all construction contracts awarded by the recipients and subrecipients of more than \$2000 shall include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 276a to a-7) and as supplemented by Department of Labor regulations (29 CFR part 5, "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction"). Under this Act, contractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less than once a week. The recipient shall place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation and the award	awards described in the Federal awarding agency's codification of the Governmentwide rule implementing Executive Order 12549 (3 CFR, 1986 Comp., p. 189) and Executive Order 12689 (3 CFR, 1989 Comp., p. 235). The reference to the "small purchase threshold" in the final sentence of paragraph 8 is replaced by "simplified acquisition threshold" (currently \$100,000).
 of a contract shall be conditioned upon the acceptance of the wage determination. The recipient shall report all suspected or reported violations to the Federal awarding agency. 4. Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333) - Where applicable, all contracts awarded by recipients in excess of \$2000 for construction contracts and in excess of \$2500 for other contracts that involve the employment of 	

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mechanics or laborers shall include a provision for compliance with Sections 102	
and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333),	
as supplemented by Department of Labor regulations (29 CFR part 5). Under	
Section 102 of the Act, each contractor shall be required to compute the wages of	
every mechanic and laborer on the basis of a standard work week of 40 hours. Work	
in excess of the standard work week is permissible provided that the worker is	
compensated at a rate of not less than 1 1/2 times the basic rate of pay for all hours	
worked in excess of 40 hours in the work week. Section 107 of the Act is applicable	
to construction work and provides that no laborer or mechanic shall be required to	
work in surroundings or under working conditions which are unsanitary, hazardous	
or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for	
transportation or transmission of intelligence.	
transportation of transmission of interligence.	
5. Rights to Inventions Made Under a Contract or Agreement - Contracts or	
agreements for the performance of experimental, developmental, or research work	
shall provide for the rights of the Federal Government and the recipient in any	
resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made	
by Nonprofit Organizations and Small Business Firms Under Government Grants,	
Contracts and Cooperative Agreements," and any implementing regulations issued	
by the awarding agency.	
6 Clean Air Act (12 U.S.C. 7401 at seg.) and the Federal Water Dollution Control	
6. Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended - Contracts and subgrants of amounts in	
excess of \$100,000 shall contain a provision that requires the recipient to agree to	
comply with all applicable standards, orders or regulations issued pursuant to the	
Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act	
as amended (33 U.S.C. 1251 et seq.). Violations shall be reported to the Federal	
awarding agency and the Regional Office of the Environmental Protection Agency	
(EPA).	
7 Durd Anti Lakhring Amendment (21 U.S.C. 1252). Contractors who see to a	
7. Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) - Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier	
certifies to the tier above that it will not and has not used Federal appropriated funds	
certifies to the tier above that it will not and has not used rederal appropriated funds	

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to pay any person or organization for influencing or attempting to influence an	
officer or employee of any agency, a member of Congress, officer or employee of	
Congress, or an employee of a member of Congress in connection with obtaining	
any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier	
shall also disclose any lobbying with non-Federal funds that takes place in	
connection with obtaining any Federal award. Such disclosures are forwarded from	
tier to tier up to the recipient.	
8. Debarment and Suspension (E.O.s 12549 and 12689) - No contract shall be made	
to parties listed on the General Services Administration's List of Parties Excluded	
from Federal Procurement or Nonprocurement Programs in accordance with E.O.s	
12549 and 12689, "Debarment and Suspension." This list contains the names of	
parties debarred, suspended, or otherwise excluded by agencies, and contractors	
declared ineligible under statutory or regulatory authority other than E.O. 12549.	
Contractors with awards that exceed the small purchase threshold shall provide the	
required certification regarding its exclusion status and that of its principal	
employees.	