

## § 600.30

(b) *Provisions applicable to fixed obligation awards.* Financial assistance awards may be made on a fixed obligation basis subject to the following requirements:

(1) Each fixed obligation award may neither exceed \$250,000 nor exceed one year in length.

(2) Programs which require mandatory cost sharing are not eligible.

(3) Proposed costs must be analyzed in detail to ensure consistency with applicable cost principles.

(4) Budget categories are not stipulated in making an award. However, budgets are submitted by an applicant and reviewed for purposes of establishing the amount to be awarded.

(5) Payments must be made in the same manner as other financial assistance awards, except that when determined appropriate by the cognizant program official and Contracting Officer a lump sum payment may be made.

(6) Recipients must certify in writing to the Contracting Officer at the end of the project that the activity was completed or the level of effort was expended, however should the activity or effort not be carried out, the recipient would be expected to make appropriate reimbursements.

(7) Periodic reports may be established for each award so long as they are not more frequently than quarterly.

(8) Changes in principal investigator or project leader, scope of effort, or institution, must receive the prior approval of the Department.

[61 FR 7166, Feb. 26, 1996, as amended at 74 FR 44277, Aug. 28, 2009]

### § 600.30 Cost sharing.

In addition to the requirements of § 600.123, § 600.224, or § 600.313, the following requirements apply to research, development, demonstration and commercial application activities projects:

(a) Cost sharing is required for most financial assistance awards for research, development, demonstration and commercial applications activities initiated after the enactment of the Energy Policy Act of 2005 on August 8, 2005. This requirement does not apply to:

(1) An award under the small business innovation research program or

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the small business technology transfer program; or

(2) A program with cost sharing requirements defined by other than Section 988 of the Energy Policy Act of 2005 including other sections of the 2005 Act and the Energy Policy Act of 1992.

(b) A cost share of at least 20 percent of the cost of the activity is required for research and development except where:

(1) A research or development activity of a basic or fundamental nature has been excluded by an appropriate officer of the Department, generally an Under Secretary; or

(2) The Secretary has determined it is necessary and appropriate to reduce or eliminate the cost sharing requirement for a research and development activity of an applied nature.

(c) A cost share of at least 50 percent of the cost of a demonstration or commercial application program or activity is required unless the Secretary has determined it is necessary and appropriate to reduce the cost sharing requirements, taking into consideration any technological risk relating to the activity.

(d) Cost share shall be provided by non-Federal funds unless otherwise authorized by statute. In calculating the amount of the non-Federal contribution:

(1) Base the non-Federal contribution on total project costs, including the cost of work where funds are provided directly to a partner, consortium member or subrecipient, such as a Federally Funded Research and Development Center;

(2) Include the following costs as allowable in accordance with the applicable cost principles:

(i) Cash;

(ii) Personnel costs;

(iii) The value of a service, other resource, or third party in-kind contribution determined in accordance with the applicable circular of the Office of Management and Budget;

(iv) Indirect costs or facilities and administrative costs; and/or

(v) Any funds received under the power program of the Tennessee Valley Authority (except to the extent that such funds are made available under an annual appropriation Act);

(3) Exclude the following costs:

- (i) Revenues or royalties from the prospective operation of an activity beyond the time considered in the award;
- (ii) Proceeds from the prospective sale of an asset of an activity; or
- (iii) Other appropriated Federal funds.
- (iv) Repayment of the Federal share of a cost-shared activity under Section 988 of the Energy Policy Act of 2005 shall not be a condition of the award.

[74 FR 44277, Aug. 28, 2009]

**§ 600.31 Research misconduct.**

(a) A recipient is responsible for maintaining the integrity of research of any kind under an award from DOE including the prevention, detection, and remediation of research misconduct, and the conduct of inquiries, investigations, and adjudication of allegations of research misconduct in accordance with the requirements of this section.

(b) For purposes of this section, the following definitions are applicable:

*Adjudication* means a formal review of a record of investigation of alleged research misconduct to determine whether and what corrective actions and sanctions should be taken.

*Fabrication* means making up data or results and recording or reporting them.

*Falsification* means manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.

*Finding of Research Misconduct* means a determination, based on a preponderance of the evidence, that research misconduct has occurred. Such a finding requires a conclusion that there has been a significant departure from accepted practices of the relevant research community and that it be knowingly, intentionally, or recklessly committed.

*Inquiry* means information gathering and initial fact-finding to determine whether an allegation or apparent instance of misconduct warrants an investigation.

*Investigation* means the formal examination and evaluation of the relevant facts.

*Plagiarism* means the appropriation of another person's ideas, processes, results, or words without giving appropriate credit.

*Research* means all basic, applied, and demonstration research in all fields of science, medicine, engineering, and mathematics, including, but not limited to, research in economics, education, linguistics, medicine, psychology, social sciences statistics, and research involving human subjects or animals.

*Research misconduct* means fabrication, falsification, or plagiarism in proposing, performing, or reviewing research, or in reporting research results, but does not include honest error or differences of opinion.

*Research record* means the record of all data or results that embody the facts resulting from scientists' inquiries, including, but not limited to, research proposals, laboratory records, both physical and electronic, progress reports, abstracts, theses, oral presentations, internal reports, and journal articles.

(c) Unless otherwise instructed by the Contracting Officer, the recipient must conduct an initial inquiry into any allegation of research misconduct. If the recipient determines that there is sufficient evidence to proceed to an investigation, it must notify the Contracting Officer and, unless otherwise instructed, the recipient must:

(1) Conduct an investigation to develop a complete factual record and an examination of such record leading to either a finding of research misconduct and an identification of appropriate remedies or a determination that no further action is warranted;

(2) Inform the Contracting Officer if an initial inquiry supports an investigation and, if requested by the Contracting Officer thereafter, keep the Contracting Officer informed of the results of the investigation and any subsequent adjudication. When an investigation is complete, the recipient will forward to the Contracting Officer a copy of the evidentiary record, the investigative report, any recommendations made to the recipient's adjudicating official, and the adjudicating official's decision and notification of any corrective action taken or planned, and