

§910.132

2 CFR Ch. IX (1–1–24 Edition)

(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 DOE, 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 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 Subpart E—Cost Principles—of 2 CFR part 200. For recipients that are for-profit organizations as defined by 2 CFR 910.122, the Cost Principles which apply are contained in 48 CFR 31.2. See §910.352 for further information;

(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.

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

Demonstration means a project designed to determine the technical feasibility and economic potential of a technology on either a pilot or prototype scale.

Development is defined in 2 CFR 200.1.

Research is also defined in 2 CFR 200.1.

[79 FR 76024, Dec. 19, 2014, as amended at 84 FR 12049, Apr. 1, 2019; 87 FR 15320, Mar. 18, 2022]

§910.132 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 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

the subject's written response to the recommendations (if any).

(3) If the investigation leads to a finding of research misconduct, conduct an adjudication by a responsible official who was not involved in the inquiry or investigation and is separated organizationally from the element which conducted the investigation. The adjudication must include a review of the investigative record and, as warranted, a determination of appropriate corrective actions and sanctions.

(d) DOE may elect to act in lieu of the recipient in conducting an inquiry or investigation into an allegation of research misconduct if the Contracting Officer finds that:

(1) The research organization is not prepared to handle the allegation in a manner consistent with this section;

(2) The allegation involves an entity of sufficiently small size that it cannot reasonably conduct the inquiry;

(3) DOE involvement is necessary to ensure the public health, safety, and security, or to prevent harm to the public interest; or,

(4) The allegation involves possible criminal misconduct.

(e) DOE reserves the right to pursue such remedies and other actions as it deems appropriate, consistent with the terms and conditions of the award instrument and applicable laws and regulations. However, the recipient's good faith administration of this section and the effectiveness of its remedial actions and sanctions shall be positive considerations and shall be taken into account as mitigating factors in assessing the need for such actions. If DOE pursues any such action, it will inform the subject of the action of the outcome and any applicable appeal procedures.

(f) In conducting the activities in paragraph (c) of this section, the recipient and DOE, if it elects to conduct the inquiry or investigation, shall adhere to the following guidelines:

(1) *Safeguards for information and subjects of allegations.* The recipient shall provide safeguards to ensure that individuals may bring allegations of research misconduct made in good faith to the attention of the recipient without suffering retribution. Safeguards include: Protection against retaliation;