

Provisional Resolution  
Subject to Modification and Approval by the National Science Board

NSB-08-41  
(Resolution relating to NSB/CPP-08-9)  
March 26, 2008

**RESOLUTION**

NATIONAL SCIENCE BOARD

LIGO LABORATORY OPERATIONS AND MAINTENANCE AWARD TO  
CALIFORNIA INSTITUTE OF TECHNOLOGY  
AND  
ADVANCED LIGO CONSTRUCTION AWARD TO  
CALIFORNIA INSTITUTE OF TECHNOLOGY

WHEREAS, the California Institute of Technology (Caltech) and the Massachusetts Institute of Technology (MIT) are jointly responsible for the project oversight and implementation of the Laser Interferometer Gravitational-Wave Observatory (LIGO) facility, through the External LIGO Oversight Committee, LIGO Laboratory Directorate, LIGO Program Advisory Committee, LIGO Laboratory Board, LIGO Academic Advisory Committee, and the LIGO Diversity Committee;

WHEREAS, the existing cooperative agreement between the National Science Foundation and Caltech is managed by NSF's LIGO Program Director, with the assistance of the Gravitational Physics Program and the LIGO Project Advisory Team;

WHEREAS, the proposed Advanced LIGO Construction Project will have its own Senior Management team and advisory board structure;

WHEREAS, NSF's Internal Management Plan and new cooperative agreement with Caltech should clearly provide for management protocols that ensure LIGO operations and maintenance funds will be separately maintained from Advanced LIGO MREFC funds, and will not be commingled;

WHEREAS, the amount of funds set aside for contingency costs shall be managed in accordance with existing policy regarding NSF facilities funded under cooperative agreements, and shall be revised upon any change in policy that the National Science Board determines should apply to large facilities or projects;

WHEREAS, the NSF management shall report back to the National Science Board within 12 months of this award what efforts have been undertaken and what provisions have been implemented to make the data obtained under this award available and useable to the broader research community;

WHEREAS, the National Science Board, consistent with its policy on recompetition, expects the operations and maintenance award of this project to be recompleted no later than 2018, it is hereby:

RESOLVED, that the National Science Board authorizes the Director at his discretion to approve the award to the California Institute of Technology for LIGO Laboratory operations and maintenance for an amount not to exceed \$150,000,000 for 60 months. If progress is acceptable based on reviews made pursuant to the Internal Management Plan, the awardee will be invited to submit a renewal proposal for an additional 60 months.

RESOLVED, that the National Science Board authorizes the Director at his discretion to approve the award to the California Institute of Technology for the Advanced LIGO construction project for an amount not to exceed \$205,120,000 for 84 months.

Steven C. Beering  
Chairman