Computational Materials Sciences FOA

A funding opportunity announcement (FOA) is posted for Computational Materials Sciences. Required letters of intent are due on March 7, 2016 at 5:00 PM Eastern Time. Full applications are due on April 25, 2016 at 5:00 PM Eastern Time.

Applications should propose integrated, multidisciplinary (theory, modeling, computation, synthesis, characterization, and processing/fabrication.) teams that will perform research to develop validated community codes and data bases for predictive design of functional materials. Applications should fully utilize today's petascale leadership computers and plan for use of future exascale computing facilities. Computational Materials Sciences could also involve new approaches to enhance the use of large data sets derived from advanced characterization of materials, materials synthesis, processing, and properties assessments and the parallel data that are generated by large scale computational efforts that model materials phenomena. Computational Materials Sciences supports the Materials Genome Initiative (MGI).

Applications should not duplicate projects funded in 2015, http://science.energy.gov/bes/funding-opportunities/closed-foas/computational-materials-sciences-awards/. Additional restrictions are listed in the FOA.

Only one letter of intent and subsequent application are allowed per institution. In addition, an individual may not be named as the Project Director on more than one application. Both an open source software distribution plan and a data management plan are required. For information on the full requirements for the applications, go to: http://science.energy.gov/bes/funding-opportunities/