THE UNIVERSITY OF NEW MEXICO

From: Faculty Research Development Office (FRDO)
Office of the Vice President for Research

Subject: Limited Competition: NSF Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support (ACCESS) (NSF 21-555) & NSF Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support - Coordination Office ACCESS ACO (NSF 21-556)

Date: February 5, 2021

UNM Researchers,

The Office of the Vice President for Research is requesting e-mails of interest for the NSF Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support (ACCESS) and NSF Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support - Coordination Office (ACCESS-ACO) funding opportunities. Both solicitations limit the number of proposals submitted as a lead to one, but neither limit the number of times an organization can participate as a subawardee though the ACCESS solicitation does restrict organizations from participating as subawards on the same track they submitted a proposal to as the lead. In addition, an individual may be the PI on no more than one ACCESS (NSF 21-555) proposal, but an individual may serve as a co-PI or senior personnel on proposals to tracks other than the track to which they have submitted a proposal as the PI. Also, an individual may be the PI or co-PI on no more than one ACCESS-ACO (NSF 21-556) proposal, but there is no limit on the number of proposals with which an individual may be associated in other capacities, such as senior personnel.

The national research cyberinfrastructure (CI) ecosystem is essential to computational- and data-intensive research across all of 21st-centuryscience and engineering (S&E), driven by rapid advances in a wide range of technologies; increasing volumes of highly heterogeneous data; and escalating demand by the research community. Research CI is a key catalyst for discovery and innovation and plays a critical role in ensuring US leadership in S&E, economic competitiveness, and national security, consistent with NSF's mission. NSF, through the Office of Advanced Cyberinfrastructure (OAC), has published a vision that calls for the broad availability and innovative use of an agile, integrated, robust, trustworthy and sustainable CI ecosystem that can drive new thinking and transformative discoveries in all areas of S&E research and education. In support of this vision, NSF is releasing two solicitations in parallel: this solicitation, Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support (ACCESS), and Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support – Coordination Office (ACCESS-ACO). This solicitation (ACCESS) aims to establish a suite of CI coordination services - meant to support a broad and diverse set of requirements, users, and usage modes from all areas of S&E research and education - and calls for

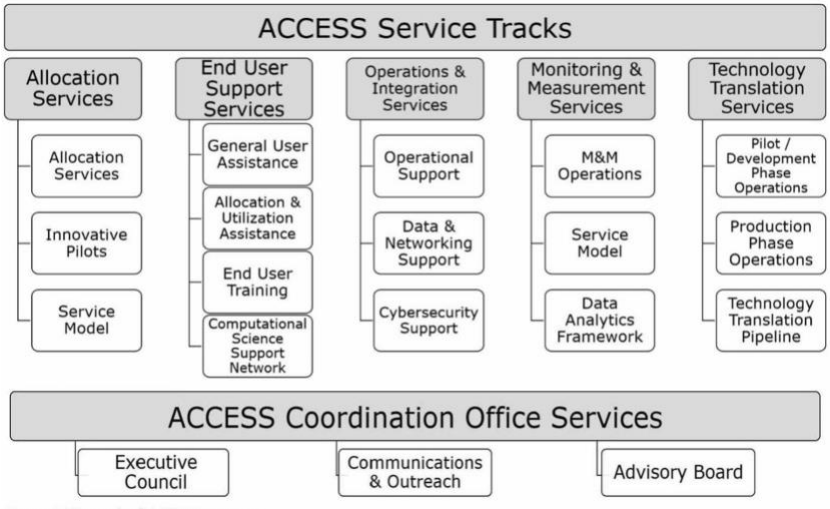

Figure 1: Network of ACCESS services

proposals for five independently-managed yet tightly-cooperative service tracks (see Figure 1). The second solicitation (ACCESS-ACO) focuses on the creation of a coordination office to support the collective and coordinated operation of the ACCESS service tracks.

The ACCESS (NSF 21-555) solicitation expects to fund five awards for five independently-managed yet tightly-coordinated services defined in the following five tracks: (1) Allocation Services; (2) End User Support Services; (3) Operations & Integration Services; (4) Monitoring & Measurement Services; and (5) Technology Translation Services. Together, these services are expected to provide a seamless experience for an increasing breadth of research users across a highly performing innovative array of national computational computing resources.

The ACCESS ACO (NSF 21-556) solicitation expects to fund one award for an ACCESS Coordination Office (ACO) to support the collective and coordinated operation of the five CI coordination services. Specifically, the ACO will provide coordination and support services and staffing for top-level coordination and communications among the ACCESS awardees and with the public, including support for top-level inter-awardee governance, coordination of an external advisory board to the ACCESS awardees, maintenance of the top-level landing page of the ACCESS website, and coordinated community-building activities. The ACO awardee will interface with the awardees for the ACCESS service tracks of the ACCESS solicitation. The ACO itself will not engage in overall governance or management responsibilities for the ACCESS but awardees will enable the other ACCESS awardees to accomplish those activities through provision of staffing and services.

Each track of the ACCESS program and the ACCESS ACO program are for a duration of 5 years. Allowable budgets are different depending on the track but range in amounts from $5,000,000 to $20,000,000 in total costs. The deadline for both proposals to the NSF is June 16, 2021. For complete programmatic details, please visit the following webpages:

https://www.nsf.gov/pubs/2021/nsf21555/nsf21555.pdf - NSF ACCESS (NSF 21-555)
https://www.nsf.gov/pubs/2021/nsf21556/nsf21556.pdf - NSF ACCESS ACO (NSF 21-556)

This is a limited competition. Each institution is limited to <u>one</u> proposal as the lead per solicitation. If you are interested in submitting a proposal, please email a statement of interest with a tentative title including necessary prefix per solicitation guidelines to name applicable ACCESS track or ACCESS ACO option, a brief project description (200 words), and names and departments of all senior personnel by **<u>noon, Monday, February 22, 2021</u>** to limited@unm.edu **with the subject line indicating: NSF ACCESS – your name or NSF ACCESS ACO - your name**. Based on the e-mail responses received, the Limited Competitions Management Team may announce a call for pre-proposals.

If you are affiliated with HSC, please contact Corey Ford (CFord@salud.unm.edu) or Cassandra Misenar (CMisenar@salud.unm.edu) for more information.