

Department/Agency	NC Department of Administration
Project Title	Nature Research Center - Skyway Bridge HVAC Replacement and Rainwater Harvesting System Renovation
Design Services	Engineering/Architecture
Scope of Work	<p>The Nature Research Center (NRC) is located in the Downtown Government Complex in Raleigh, NC. This project consists of two separate packages. Each package will be bid separately.</p> <p>(1) Skyway Bridge HVAC Replacement (\$603,000): The chilled beam cooling system serving the two skyway pedestrian bridges connected to the Nature Research Center has had poor performance and constant maintenance issues. This project will replace the chilled beams with standard ceiling mounted fan coil units, utilizing the existing fresh air duct. The existing building automation will be expanded to accommodate the new fan coils. This work may require replacement of the dropped ceiling and associated modifications to sprinkler heads and smoke detectors.</p> <p>(2) Rainwater Harvesting System Renovation (\$863,000): The Nature Research Center is equipped with two rainwater harvesting systems, one for building water use and one for stormwater management/irrigation. At the time of the building's design, commercial rainwater harvesting was an emerging technology in the southeastern US. The systems operated for a short period of time but were shutdown after a series of design, construction and operational problems emerged. This project will address the leakage from the cistern adjacent and uncover the causes of these problems and make necessary modifications to restore the system using today's industry knowledge and technologies. The project will likely include replacement of filters and pumps, new piping and valves, new controls and integration into the building automation system, civil and sitework modification, etc.</p>
Contact	Mr. Fady Wahby
Telephone	(919) 441-7132
Email	fady.wahby@doa.nc.gov
Total Project Budget	\$1,466,000
Source of Funds	2024-2025 Reserve for Repairs and Renovations
Approved OC-25 #'s	#202541101321 (NRC Skyway Bridge HVAC Replacement) #202541101360 (NRC Rainwater Harvesting System Renovation)
Publish Date	April 10, 2025
Closing Date	Wednesday - April 30, 2025 @ 4:00 PM
Submit THREE (3) Copies of Letter of Interest and SF-254 (Mailing Address):	State Construction Office Attn: Mr. Fady Wahby 1307 Mail Service Center Raleigh, NC 27699-1307
Physical Location for Fed Ex/UPS Delivery (Delivery Address):	State Construction Office Attn: Mr. Fady Wahby 301 North Wilmington Street, Suite 450 Raleigh, NC 27601

NC Licensing Statement

In order to offer architectural, engineering, or landscape architectural services in response to this solicitation, the proposing firm must be properly licensed to practice Architecture, Engineering, or Landscape Architecture in the State of North Carolina. More information on the North Carolina state boards may be found at the following websites:

NC Board of Architecture: (<http://www.ncbarch.org>)

NC Board of Examiners for Engineers & Surveyors: (<http://www.ncbels.org>)

NC Board of Landscape Architects: (<http://www.ncbola.org>)

STATE BUILDING COMMISSION - SELECTING CRITERIA

In selecting designers, the selection committee should take into consideration qualification information including such factors as:

1. Specialized or appropriate expertise in the type of project.
2. Past performance on similar projects.
3. Adequate staff and proposed design or consultant team for the project.
4. Current workload and State projects awarded.
5. Proposed design approach for the project including design team and consultants.
6. Recent experience with project costs and schedules.
7. Construction administration capabilities.
8. Proximity to and familiarity with the area where the project is located.
9. Record of successfully completed projects without major legal or technical problems.
10. Other factors which may be appropriate for the project.

STATE BUILDING COMMISSION - SUBMITTAL CRITERIA

Proposing firms must submit THREE (3) copies of the Letter of Interest and THREE (3) copies of your current Standard Form 254 (SF 254) with the information package. The current SF 254 template is located at <http://ncadmin.nc.gov/businesses/construction/forms-documents> which is the State Building Commission approved form.

In the interest of cost-savings to the designers, consistency of the submittals and more efficient use of time by the pre-selection committee, the submitted information package should not include any notebooks, binders, tab, clips, etc. The format should be 8-1/2" x 11" pages stapled in the upper left-hand corner. The Letter of Interest should not exceed ten (10) single-sided pages or five (5) double-sided pages plus the SF 254.

E-mail and Fax submittals will not be accepted.