Department/Agency	DEQ – Wildlife Resources Commission
Project Title	Wetland Impoundment Habitat Restoration and Protection within Pamlico Sound
Design Services	Engineering
Scope of Work	North Carolina Wildlife Resources Commission requests letters of interest for Wetland Impoundment Habitat Restoration and Protection within the Pamlico Sound. The project will be in wetlands within Goose Creek Game Land and Gull Rock Game Land. The project will have three specific (3) project sites (Pamlico Point in Goose Creek GL, Campbell Creek in Goose Creek GL, and Williow Point in Gull Rock GL) and the objectives for each project site are identified below. **Project 1: Pamlico Point (in Goose Creek GL in Pamlico County):** It has been determined that to be able to continue to actively manage the impoundments at Pamlico Point, taking into consideration current damage and other needs as well as future conditions caused by the effects of climate change resulting in sea level rise and severe weather conditions, several improvements will be necessary. Nearly all of the perimeter dike (~30,000 LF) needs to be raised to an elevation of 3.5 to allow for an estimated 1.0' of sea level rise over the next 25 years. It is also recommended that the internal dikes be raised to a minimum elevation of 3.0. This will require raising approximately 3,000 LF an average of 6". The erosion of the external dikes on either side of the entry canal (2,400 LF) will need to be stabilized by pulling back a 3:1 slope shifting the adjacent dike toward the interior. In the area on the north dike with the narrowest fringe marsh protection (~2,650 LF), slope creation should be added to help stabilize the area should this protection be lost. In addition, it is recommended the dike be widened into the internal corner and the corner berm be built up to allow widening. The four water control structures that connect each unit to the external waters are to be replaced with water control structures that improve the ability to utilize tidal fluctuations for water removal and addition. The structures should be 60" aluminum half rounds with double stop log channels have external flap gate on the 48" aluminum outfall pipe, internal gates in the riser's stop log channel, catwalks on each side for access and a lifting winch for the flap gate. A second pump should be added that is dedicated to dewatering. It is to be 24" stainless steel, located at the central pump basin and should be powered by a removeable diesel power unit. Alternate designs can be considered but a hydraulic pump in a concrete wet well, 48" HDPE pipe, a concrete discharge riser, vinyl bulkhead, concrete pad, fencing, a carport shelter, and removable diesel power unit are considered optimal. An area adjacent to the existing pump house (~35 LF) will need to be widened using the vinyl sheet pile to have room for the wet well installation. Returning the system to historic water level management regimes ensures crucial habitat for overwintering and migrating waterfowl as well as nesting and feeding habitat for various wading and shorebirds. **Project 2: Campbell Creek (in Goose Creek GL in Beaufort County):** Restore lost salt marsh habitat and promote shellfish nursery habitat by creating a large-scale living shoreline complex along the impoundment/sound interface. Due to the high energy and susceptibility to storm events, it is proposed that the marsh be restored through a living shoreline project that will include two primary spans of nearshore breakwaters constructed using hardened materials that promote shellfish

	growth. Span 1 will consist of 4 sections of breakwater structures. Span 2 will consist of 5 sections of breakwater. The breakwaters should have openings for fish passage but be closely spaced to prevent erosion. The breakwaters are to be backfilled to restore lost wetlands and replanting of created wetland areas. Span 1 will consist of ~12,400 SF of high marsh plantings while Span 2 will consist of ~11,400 SF of high marsh plantings. **Project 3: Willow Point (in Gull Rock GL in Hyde County):** The proposed entrance road (~2,270 LF; elevation 1.2 to 2.2) and impoundment dikes (~6,550 LF; elevation 1.2 to 3.5) should be raised to a minimum elevation of 3.0 to account for sea level rise and more frequent flooding events. A portion of the dike is already above this elevation, and the remaining areas will need to be raised an average of 1.0'. The entrance road will need to be raised in its entirety all the way back to the mainland. It will require an average of 18" of imported fill and a 6" rock surface. To improve management capabilities, it is proposed to divide the implementation into two units. This will be done by constructing a new 2,280 LF east-west dike dividing it into a north unit and a south unit. The exact location of the dike will be determined based on the topography of the bed separating the lower area from the higher. This will allow management of different water depths based on unit conditions. The gravity water control system will be improved using new aluminum half round risers with outfall flap gates and internal riser gates. These types of structures increase the ability to capture and remove water due to tidal fluctuations. There will be one structure added to the northernmost corner and the existing structure in the south corner will be replaced. In addition, an aluminum half round riser will be installed in the new dike, connecting the new north and south units. The current pump and power unit are nearing the end of its useful life. It is proposed to be replaced with a new, electric powered, bidirectional pump. This will require a phase converter to supply three phase power to the pump. The pump will be relocated to the new central dike so the units can be filled or drained independently. Protection of the cabin area was also considered. The cabin area peninsula is the most vulnerable with direst exposure to Pamlico Sound. It is proposed that the existing bulkhead be repaired by replacing the top cap and securing waler boards as needed. In addition, the southwest face of the bulkhead should be protected with a 250 LF living shoreline. This would include an armored sill that is backfilled and planted with marsh grass to help remove energy coming from Pamlico Sound. Project Access Location: Campbell Creek Boat Launch 34783 NC-33 Aurora, NC 27806 Selection will be made based on the 10 "Selecting Criteria" listed below. A proposal that outlines these 10 criteria is easier to review.
Contact	Jody Reavis
Telephone	984-800-2905
Email	jody.reavis@ncwildlife.gov
Total Project Budget	$5,557,510
Source of Funds	FY 2025-2026 NON-GENERAL FUND/NON-SCIF CAPITAL PROJECT (IRA Grant Funded)
Approved OC-25 #	#20274390023
Publish Date	**October 30, 2025**
Closing Date	**Thursday - November 20, 2025 @ 4:00 PM**

Submit THREE (3) Copies of Letter of Interest and SF-254 (Mailing Address):	Jody Reavis NC Wildlife Resources Commission 1720 Mail Service Center Raleigh, NC 27699
Physical Location for Fed Ex/UPS Delivery (Delivery Address):	Jody Reavis NC Wildlife Resources Commission 1751 Varsity Drive Raleigh, NC 27606
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.