

REQUEST FOR PROPOSALS

The Rhode Island Association of Conservation Districts (RIACD) releases the following Request for Proposals. All proposals must be received by 4:30 pm Friday, **December 10, 2019** via RIACD e-mail to gdemarco.nricd@gmail.com, or via postal mail at Attn: Gina DeMarco, 2283, Johnston, RI 02919. The project must be completed by Friday, June 19, 2020 with possibility of extension if needed. Please include resume with proposal, including work experience relevant to the project scope of work.

SCOPE OF WORK:

Provide survey, design, and inspection services for the construction of conservation practices at the agricultural operation listed below. The object of this project is to produce "ready for construction" documents and inspection documentation that, when implemented, will control soil erosion and protect air and water quality.

Agricultural Operation 1

Location: Smithfield in Providence County

Primary NRCS Conservation Practices include the following: (1) Waste Storage Facility (WSF) (under roof and in-ground), (2) Heavy Use Area Protection (HUAP) with options for curbs and ramp (under roof), (1) Roof for WSF and for HUAPs, including WSF ramp. This will include approximately 23,200 cubic feet of waste storage and 5,600 square feet of a concrete waste storage tank below a concrete slotted floor. This system was sized to handle 420 grower pigs with an average weight of 150 lbs., and 60 sow and litter with an average weight of 450 lbs.

These designs shall be completed in accordance with the appropriate Natural Resources Conservation Service (NRCS) Conservation Practice Standards and shall include the following:

- 1) Structural Calculations in accordance with State Building code substantiating roof and supporting member sizing signed and sealed by a registered Rhode Island Professional Engineer. Calculations shall incorporate all appropriate loadings in design, including but not limited to dead, live, wind and snow as per State Building code.
- 2) Truss design signed and sealed by a registered Rhode Island Professional Engineer.
- 3) Construction and material specifications in accordance with NRCS Conservation Practice Standards.
- 4) Operation and maintenance plans in accordance with NRCS Conservation Practice Standards.
- 5) Plans that are signed and sealed by a registered Rhode Island Professional Engineer that illustrate members, connection details, fasteners, and roofing materials.
- 6) A quality assurance plan for construction inspection; at a minimum, the quality assurance plan shall include:
 - A) Items requiring inspection and testing
 - B) Timing and frequency of inspection and testing
 - C) Equipment and facilities needed.
- 7) Inspection documentation provided after construction completion

The selected contractor will participate in a project kickoff meeting and reviews with NRCS to ensure completeness and compliance of deliverables with Scope of Work and NRCS standards.

Provide (1) electronic copy and (1) hard copy of each accepted final deliverable to the RIACD

The selected contractor may use topographical survey and soil test pit data acquired by NRCS for the completion of the outlined deliverables. Selected contractor will be required to protect information pertaining to referenced agricultural operations.

Please submit bid for design services to the address listed at the top of the page.