

# NOTICE

CRD Notice: 2019-07

**NOTICE OF INTENT TO HARVEST/TRANSPORT SHELL CULTCH, TO PURCHASE CLEAN, GROUND CRUSHED GRANITE STONE, AND TO DEPLOY THIS MATERIAL IN THE LYNNHAVEN RIVER, VIRGINIA**

**FOR THE 2019 OYSTER REPLENISHMENT PROGRAM**

Notice is hereby given that the Virginia Marine Resources Commission (VMRC) will contract out the construction of up to 14 acres of oyster reef for the purposes of ecological restoration in the Lynnhaven River using a combination of shell and crushed stone.

Virginia Marine Resources Commission intends contract for the transport/harvest of shell cultch and crushed stone to be planted in the Lynnhaven River for the construction of up to 14 acres of oyster reef for its 2019 Oyster Replenishment Program.

VMRC is inviting any person(s) interested in performing this work to apply as indicated below.

**THE COMMISSION RESERVES THE RIGHT TO MAKE CHANGES IN THE PROGRAM AT ANY TIME.**

**VIRGINIA BEACH:**

Shells and crushed stone will be, transported, and replanted on areas designated by VMRC staff. Work will be performed in the following areas:

Lynnhaven River

Approximately 15,000 bushels shell  
Approximately 3,500 tons of # 1 stone  
Approximately 700 tons of Class 1 Rip-Rap

**METHOD:** Substrate will be deployed by high pressure water cannons. Larger substrate (Class 1 Rip Rap) will require a clam shell bucket and crane or similar machinery capable of operation from a floating barge. All work will be done from floating vessels.

**EQUIPMENT SPECIFICATION:**

The operator must have barges or vessels capable of carrying a minimum of 40 tons of substrate in one load and be capable of deploying a minimum of 80 tons of substrate a day. Vessels and barges used for the deployment of substrate shall have a maximum loaded draft of less than 4 feet. The operator must show evidence of significant experience in operating this type of machinery and have prior experience with oyster restoration efforts in Virginia waters and with projects of a similar scale. The operator must have all barge and planting equipment necessary, to transport, and plant the substrate.

**GENERAL INFORMATION:**

Approximate starting date is July 15, 2019.

Crushed granite stone will be a Virginia (VDOT) graduation size VA#1 and Class 1 Rip-Rap. For VA#1, 100 percent of the crushed granite stone must pass through a four inch sieve, 90-100 percent passing a 3.5 inch sieve, 25 to 60 percent passing a 2.5 inch sieve, 0-15 percent passing a 1.5 inch sieve, and 0-5 percent passing a 0.75 inch sieve. For Class 1 Rip-Rap, no more than 10 percent of the stone will have a diameter greater than twelve (12) inches; no more than 50 percent of the stone will have a diameter less than ten (10) inches; and no more than 10 percent of the stone will have a diameter of less than six (6) inches. The thickness of the rip-rap liner will be no less than twelve (12) inches.

The Contractor must have the equipment needed to harvest shells from areas designated by VMRC personnel or transport shells either by barge or truck from areas or sources designated by VMRC staff.

The planting areas will be designated and marked by VMRC personnel.

All work will be supervised by VMRC personnel. All substrate will be measured and documented by VMRC personnel.

The Contractor will be paid \$6.00 per bushel for shell cultch that is harvested/transported, and replanted. The Contractor will be paid \$ 77.40 per ton for #1 stone and \$221.00 per ton for Class 1 Rip-Rap. Approximately 3,500 tons # 1 stone and 700 tons of Class 1 Rip-Rap stone will be purchased, transported and planted.

VMRC personnel will supervise all work.

Before any payments can be made to the contractor, there must be verification of registration with the Virginia Department of Minority Business Enterprises, as a small, woman, or minority owned company, and a contract and current Tax form (W-9) completed and on file at the Marine Resources Commission main office.

The Marine Resources Commission will provide all contractors with information, so that they, if not already registered, can promptly register as a small, woman, or minority owned company with the Virginia Department of Minority Business Enterprises.

**SELECTION:**

VMRC plans to select up to three (3) contractor to perform the work. If more than three (3) responses are received then selection will be made by lottery.

**RESPONSE DEADLINE:**

Responses are requested in writing to be sent either by mail, fax, or e-mail by no later than 12 noon, **July 15, 2019**

These responses should be submitted to Andrew Button, VMRC-Conservation and Replenishment Department.

Information required for eligibility to participate in this project: Name, address, telephone no., description of equipment intended for operation on this project and your boat's name or number. Also, describe your experience and work performed with this type of equipment from 2000-2018.

**LOTTERY:**

If more than three (3) qualified applicant should respond, a lottery will be held on **July 15, 2019 @ 12:30 p.m.** at the VMRC Conservation and Replenishment Department office located at Fort Monroe. Building address is: VMRC, 380 Fenwick Road, Fort Monroe, Virginia. The lottery will be open to those individuals who wish to be present during the drawing. Notification of the individuals chosen will be in writing by mail.

**CONTACT PERSON:**

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Conservation and Replenishment Department  
Fisheries Management Division

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