

REQUEST FOR QUOTE

**Construction of Mosquito Lagoon Living Shorelines
For
Bethune-Cookman University, Daytona Beach, FL
Quote # 0002**

Issue Date: March 31, 2017

Opening Date: March 31, 2017

Quotes due by: April 15, 2017 11:59 pm

Request for QUOTE
BID FORM
QUOTES DUE BY: April 15, 2017 11:59 pm

Company Name: All Vendors

Representative: _____

Internet Address: _____

Telephone Number: _____ Fax Number: _____

Refer questions to: Hyun Jung Cho Phone: (386) 481-2793
Submit Quote to Hyun Jung Cho, choh@cookman.edu

The Bethune-Cookman University (B-CU) is seeking a qualified Subcontractor to provide Construction of Mosquito Lagoon Living Shorelines, a partial requirement for the Environmental Protection Agency (EPA)-funded project, Implementing and Evaluating the Effectiveness of Native Vegetative Buffers at Controlling Nonpoint Source Pollution and as a Tool for Public Education along the Indian River Lagoon.

Firms interested in providing these services may obtain a copy of the Request for Quotes from or ask questions to:

Hyun Jung ("J.") Cho, Ph.D.
Professor, Department of Integrated Environmental Science
640 Dr. M.M. Bethune Blvd.
Bethune-Cookman University
Daytona Beach, FL 32114
(386) 481 2793
choh@cookman.edu

Instructions:

Please provide one hard copy and one electronic version.

- Cover page with contact information, statement of qualification, and previous experiences
- Attachments should include Professional Services forms, questions & answers, licenses, resumes, and other supplemental information.
- Copies of Insurance and Subcontractor license
- The entire document shall be limited to 15 pages on 8 ½ X 11 legible pages with 1 inch margins around, typed using a commonly used font (Times New Roman, Calibri, or Arial) size 12.
- Electronic submission to choh@cookman.edu

This solicitation is subject to the provisions of the BETHUNE-COOKMAN UNIVERSITY's PURCHASE ORDERS TERMS AND CONDITIONS.
The right is reserved to make an award on a line item, group, or total sum basis.

Background:

Bethune-Cookman University (B-CU) is soliciting quotes for services to transform turfgrass dominated backyard shorelines into living shorelines of native Florida plants that are known to be better filters of nonpoint source nutrients. The services will help achieve an objective of a project funded by Environmental Protection Agency (EPA) through the Department of Florida Environmental Protection (FDEP). The project goal is to reduce nonpoint source pollution along the Mosquito Lagoon (ML), a northern sub-lagoon of the Indian River Lagoon (IRL) system in the cities of New Smyrna Beach, Edgewater, and Oakhill.

Ten sites located on the shoreline of the Mosquito lagoon were identified that which met the project criteria. The ten sites to be converted to living shorelines are located in New Smyrna Beach, Edgewater, and Oakhill, FL (Table below).

Address	GPS Coordinates
12 Harris Cir Edgewater, FL 32141	28.966727, -80.888311
10 Harris Cir Edgewater, FL 32141	28.966515, -80.888171
259 Golden Bay Blvd, Oak Hill, FL 32759	28.885723, -80.846100
316 S. Riverside Drive, Edgewater 32123	28.990201, -80.903323
132 E Ocean Ave Edgewater, FL 32132	28.989345, -80.901326
446 E Halifax Ave, Oak Hill, FL 32759	28.865866, -80.834038
419 E Halifax Ave, Oak Hill, FL 32759	28.864366, -80.834053
620 S Riverside Dr., New Smyrna Beach, FL 32168	29.020410, -80.918562
700 S Riverside Dr., New Smyrna Beach, FL 32168	29.020036, -80.918317
708 S Riverside Dr., New Smyrna Beach, FL 32168	29.019714, -80.918093

The specific planting plan will be conducted based on plans designed by staff at the FDEP Mosquito Lagoon Aquatic Preserve. Selected bidder (Subcontractor) is expected to be contracted through B-CU and provide the following services:

Service Required: *Construction and Maintenance of Mosquito Lagoon Living Shoreline Best Management Practices (BMPs)*

Subcontractor will construct Mosquito Lagoon Living Shorelines on ten (10) lagoon front homesteads in accordance with the final design(s) and required permits as needed. Subcontractor will work on the planting design along with the FDEP Mosquito Lagoon Aquatic Preserve Office shoreline restoration staff and B-CU staff. The shoreline planting will be conducted by Subcontractor based on the approved design. Subcontractor along with FDEP Aquatic Preserve Office shoreline restoration staff will be providing the engineering oversight. Subcontractor will come back to each of the sites three months, 12 months, and 18 months after construction for any post-construction maintenance including inspection of the health of the plants and identification of any invasive growth.

Saltmarsh grasses, *Spartina alterniflora* and *S. bakerii* (or *Distichlis spicata*) will be planted along a 40 ft shoreline at each site. The width of the plantings will extend a minimum of 6 ft up to 15 ft, depending on slope and shoreline shape. Plants will be installed as 1 quart sized specimens. For the first two rows (closest to the water),

plants will be planted at 6-inch centers, the third row at 8-inch centers, and subsequent rows on 1-ft. centers. Planting of *S. bakerii* (or *D. spicata*) will extend from mean high water landward to a maximum width of 15 ft. *S. alterniflora* planting will extend waterward from mean high water to near mean low water.

Deliverables: Ten (10) Mosquito Lagoon Living Shorelines constructed, as evidenced by: 1) Dated color photographs of the construction site(s) prior to, during, and immediately following completion of the construction task; 2) Drawings and any required final inspection report(s) for the project; and 3) Signed acceptance of the completed work by B-CU. 1) through 3) will be prepared by B-CU, Subcontractor, and FDEP Mosquito Lagoon Aquatic Preserve.

The successful candidate (bidder) will also receive and respond to comments from a review committee. Finally, the successful candidate will be present at a planning meeting hosted by B-CU to answer any questions on the material presented.

Quoted price based upon above Scope of Work: _____

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This is not a Purchase Order

AUTHORIZED SIGNATURES/NEGOTIATORS

The bidder or proposer represents that the following persons are authorized to sign and/or negotiate contracts and related documents to which the bidder or proposer will be duly bound:

Name _____ Title _____ Phone # _____

Fax: _____

Email: _____

(Signature)

(Title)

(Name of Business)

The bidder/offeror shall complete and submit the following information with the bid or proposal:

Type of Organization

_____ Sole Proprietorship

_____ Partnership

_____ Joint Venture

_____ Corporation

State of Incorporation: _____

Federal I.D. or Social Security number is _____