

**NOTICE OF INTENDED DECISION
TO ENTER INTO A SINGLE SOURCE CONTRACT
(PUR 7778)**

This Notice of Intended Decision to Enter into a Single Source Contract is posted in accordance with Section 287.057(3), Florida Statutes.

AGENCY: FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES

TITLE: WATER & SOIL SOLUTIONS, LLC

Short description of the commodity or service desired: AGRICULTURAL OR RURAL COOPERATIVES SERVICES

CONTACT

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Internal tracking number, if any: SS 20 21 26

DMS Single Source number, if applicable:

Date posted: 06/05/2020 Time posted: 8:00 AM ET

Commodity or Contractual Service (commodity or United Nation Standard Products and Services Code (UNSPSC), manufacturer, model, and description, as appropriate):
93141904

Requestor (division, bureau, office, individual, as appropriate):
Angela Weeks-Samanie, Office of Agricultural Water Policy

Performance and/or Design Requirements (intended use, function or application, compatibility, requirements; reference to policy, rule, statute or other act of the Legislature, as appropriate):
Vendor must be able to:

- Task 1 – Operate, optimize and maintain the four (4) existing floating aquatic vegetative tilling system located in the eastern Caloosahatchee Basin, Fisheating Creek Basin, L28i Basin and the North Feeder Canal basin. Provide comprehensive reports to Florida Department of Agriculture and Consumer Services detailing the methodology, processes and procedures employed by location and the expected outcomes. Obtain site use approvals and maintain regulatory compliance requirements.
- Task 2 - Monitor phosphorus load reductions resulting from implementation of Task 1. Provide Semi-Annual Reports to the Florida Department of Agriculture and Consumer Services detailing the amount of phosphorus load reductions resulting from the deployment of the floating aquatic vegetative tilling technology at the existing operational treatment projects.

- Task 3 - Create GIS data layers including the spatial representation of deployed floating aquatic vegetative tilling technology employed. Provide GIS data layers information to the Florida Department of Agriculture and Consumer Services including the spatial representation of deployed floating aquatic vegetative tilling technology employed.

Vendor must have past experience in designing and implementing innovative and sustainable stormwater quality improvement technologies including patented floating aquatic vegetative tilling (FAVT) systems. The FAVT technology includes pre-existing intellectual property represented and covered by and in three US Patents (7,074,330; 7,556,735; and 7,632,407 as well as other patents and patent applications (both allowed and pending) and related proprietary know-how and other intellectual property, including software and works of authorship.

Vendor must have expertise and previous experience in evaluating waste water and surface water treatment technologies.

Vendor must have strong capabilities and disciplines in surface water and waste treatment technologies, lake management, biogeochemistry of lake and wetland sediments, modeling of surface waters and ground water, use of chemical tracers to track pollutants and define hydraulic characteristics of water bodies and spatial landscape analysis.

Vendor must have a diverse base of historical experience in sustainable environmental treatment technologies.

Intended Single Source:

WATER & SOIL SOLUTIONS, LLC.

Price:

Approximate Amount: \$5,100,000

Justification for Single Source Purchase (what is necessary and unique about the commodity, contractual service, or source; steps taken to confirm unavailability of competition, as appropriate):

Water & Soil Solutions, LLC is a scientific firm that (1) specializes in designing and implementing innovative and sustainable environmental treatment technologies, (2) has strong expertise in evaluating and specifying appropriate wastewater and surface water treatment technologies, as well as in preserving surface water quality and ecosystem integrity through appropriate watershed management techniques and (3) was formed expressly for the deployment and optimization of floating aquatic vegetative tilling systems, (4) utilizes key staff from three firms: Azurea, Inc., Federico, & Associates, Inc. and DB Environmental, Inc.

In addition, Water & Soil Solutions, LLC has already secured landowners permission to operate and monitor the four floating aquatic vegetative tilling technology projects. Water & Soil Solutions, LLC owns the patents to the floating aquatic vegetative tilling (FAVT) technology.

Approved By (names & titles, as appropriate, e.g., requestor, requestor management, information systems, budget, purchasing):

Angela Weeks-Samanie, Sr. Management Analyst Supervisor

Christopher Pettit, Division Director

Michelle Faircloth, Purchasing Director

Joey B. Hicks, Director, Division of Administration

Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to file a bond or other security within the time allowed for filing a bond, shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.