

**DESCRIPTION OF INTENDED
SINGLE SOURCE PURCHASE
(PUR 7776)**

AGENCY: Northwest Florida Water Management District

TITLE: Strategic Forest Planning Modeling
Short description of the commodity or service desired:

The District intends to project the future forest management costs, short and long-term growth and yield of the District's pine forest resources and predict future volumes, costs and revenue generations under various forest management scenarios through Strategic Forest Planning using existing pine timber data through the SilvAssist Forest Information Dashboard and an optimization model.

CONTACT

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Internal tracking number, if any: 18S-006

Date posted: 06-13-18

Last day for receipt of information: 06-22-18

This description of commodities or contractual services intended for purchase from a single source is posted in accordance with section 287.057(3)(c), Florida Statutes and will remain posted for a period of at least 7 business days.

Commodity or Service Required (commodity class and group, manufacturer, model, and description, as appropriate):

43231508 Inventory Management Software
43232304 Data base management system software
43232305 Data base reporting software
43233700 System Management Software
81112200 Software maintenance and support
70151501 Forestry Consulting

Quantity or Term (as appropriate):
3 months

Requestor (division, bureau, office, individual, as appropriate):
Division of Asset Management

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

Must be able to provide future forest management costs, short and long-term growth and yield of the District's forest resources and predict future volume and revenue generation under various forest management scenarios through Strategic Forest Planning using existing pine timber data through the SilvAssist Forest Information Dashboard and an optimization model. This will include a scoping session to determine model objective, operational constraints, silvicultural actions, desired outputs, and simulation

scenarios, create yield tables for use in the model based on removals/increased growth for silvicultural actions available in the model, prepare all GIS data for modeling effort, code the model and set-up model for long term (20-30 year) strategic run including multiple scenario analysis that compare different constraints/actions (more vs. less intensive management actions), run the model and publish results to SilvAssist Ownership Dashboard, run up to two what-if scenarios (baseline, plus one alternate management regime), based on the agreed upon parameters in scoping sessions, develop model design and documentation to record the items outlined above in the scoping sessions as well as processes used and model assumptions, prepare all results and presentation of deliverables, including documentation and attend board meeting at District Headquarters to assist in answering questions about the model results.

Intended source (vendor, contractor):
F4-Tech

Estimated Dollar Amount:
\$39,510.00

Justification for single source acquisition (what is necessary and unique about the product, service or source; steps taken to confirm unavailability of competition, as appropriate):

The District currently utilizes the F4-Tech SilvAssist proprietary software for timber management and houses its forest inventory data through F4-Tech. This data and software will be used for strategic forest planning and model results need to be delivered via the District's existing timber management tool - F4 Tech's proprietary SilvAssist Forest Information Dashboard.

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

Lennie Zeiler, Director, Division of Asset Management

Wendy Dugan, Director, Division of Administration

Guy Gowens, Chief of Staff

Brett Cyphers, Executive Director

Prospective vendors are requested to provide information regarding their ability to supply the commodities or contractual services described. If it is determined in writing by the agency, after reviewing any information received from prospective vendors, that the commodities or contractual services are available only from a single source, the agency shall:

1. Provide notice of its intended decision to enter a single-source purchase contract in the manner specified in s.120.57(3) FS, if the amount of the contract does not exceed the threshold amount provided in s.287.017 for CATEGORY FOUR.
2. Request approval from the Department of Management Services for the single-source purchase, if the amount of the contract exceeds the threshold amount provided in s.287.017 for CATEGORY FOUR. If the Department of Management Services approves the agency's request, the agency shall provide notice of its intended decision to enter a single-source contract in the manner specified in s.120.57(3), FS.