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# STATE PROCUREMENT OFFICE NOTICE & REQUEST FOR SOLE SOURCE

- 1. TO: Chief Procurement Officer
- 2. FROM: DLNR, Commission on Water Resource Management  
Department/Division/Agency

Pursuant to §103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

3. Description of goods, services, or construction:  
 Marsh-McBirney Model 2000-51, Flo-Mate Hand Held, Battery Powered Instantaneous Velocity Meter. Includes water resistant electronics case, electromagnetic velocity sensor, 20' of disconnectable sensor cable, universal sensor mount, fabric carrying case, shoulder strap, top setting (English) wading rod kit, instruction manual.

4. Vendor Name: Engineered Systems Address: 333 Uluniu Street Kailua, Hawaii 96734	5. Price: <u>\$5047.12</u>
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6. Term of Contract: (mm/dd/yyyy) From: <u>N/A</u> To: _____	7. Prior Sole Source Ref No. <u>0</u>
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8. Feature: The good, service, or construction has the following unique features, characteristics, or capabilities: The Marsh-McBirney Flo-Mate 2000 is the only open-channel flow meter that utilizes an electromagnetic velocity sensor, as opposed to a propeller-type flowmeter. Propeller-type flowmeters require the user to count rotations either manually or digitally, then the user must refer to a rating chart to determine water flow velocity. The FloMate 2000 does not have a propeller and is not mechanical in nature, therefore does not contain moving parts and is less prone to breakdown in the field. The system, as a whole, also eliminates the two-step process required for field personnel to manually convert rotations to velocity, thus reducing time in the field. The electromagnetic velocity sensor provides a +/- 2% accuracy of reading over the entire measuring range.

9. Essential features. How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work: Streamflow measurements are an essential part of the Commission on Water Resource Management's (Commission) duties and responsibility in protecting Hawaii's waterresources. The Commission regularly conducts field investigations related to stream channel alterations, stream diversion works, complaints, and various other activities, of which measuring streamflow velocity and water volume is an essential part. In addition, the Commission will be undertaking a statewide verification of surface-water diversions, and the Commission will require an additional flowmeter in support of this project.

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11. Alternate source. The following other possible sources for the good, service, or construction were investigated but do not meet our needs because: Other open-channel flowmeters are propeller-type flowmeters that require the user to count rotations either manually or digitally. The user must then reference a rating chart to determine water flow velocity, thereby increasing in-field time and possible errors. In addition, propeller-type flowmeters are comprised of moving parts which are more prone to breakdown or loss of parts in a stream environment.

12. Direct any inquiries to:  
Department: DLNR, Comm on Water Res. Mgmt.  
Contact Name/Title: Dean Uyeno, Hydrologist

13 Phone Number:  
587-0249  
Fax Number:  
587-0219

Expenditure may be processed with a purchase order: Yes  No  If no, a contract must be executed and funds certified.

Agency shall ensure adherence to applicable administrative and statutory requirements.

14. I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.

*Allen A. Smith*

6/6/07

Department Head

Date

Reserved for SPO Use Only

15 Date Notice Posted: 06/08/07

Submit written objections to this intent to issue a sole source contract within seven calendar days or as otherwise allowed from the above posted date to: Chief Procurement Officer  
State Procurement Office  
P.O. Box 119  
Honolulu, Hawaii 96810-0119

16. Chief Procurement Officer's comments: Per Procurement Circular 2006-07, Small Purchase Guidelines and the Hawaii Electronic Procurement System- agencies can process sole source procurements (Section 103D-306) for \$5,000 to less than \$50,000 using SPO Form-10 for documentation purposes. Further, in accordance with Procurement Circular 2006-01, this award shall be posted on the Procurement Reporting System.

17.

APPROVED  DISAPPROVED  NO ACTION REQUIRED

*James S. Fyfe*

Chief Procurement Officer

6/8/07

Date