

**HONOLULU BOARD OF WATER SUPPLY (BWS)
REQUEST FOR SOLE SOURCE**

DATE: December 28, 2017

TO: ERNEST Y. W. LAU, P.E.
MANAGER AND CHIEF ENGINEER

VIA: VICKI KITAJIMA
PROCUREMENT AND SPECIFICATIONS SPECIALIST VI

FROM: BARRY USAGAWA,
CHIEF OF WATER RESOURCES DIVISION

SUBJECT: REQUEST FOR SOLE SOURCE AWARD

Pursuant to Section 103D-306, of the Hawaii Revised Statutes (HRS) and Subchapter 9, Chapter 3-122 of the Hawaii Administrative Rules I am requesting that a sole source award be approved to purchase the following:

Vendor Name & Address:

Wong's Equipment
841 Pohukaina St., B-1
Honolulu, HI 96813

Amount of the Purchase: \$65,298.40

Term of the contract: One time purchase

Prior Sole Source numbers and dates: BWS 17-01-SS, dated April 17, 2016

Description of goods to be purchased:

Sebalog N-3 loggers system with commander III unit and GPS module

Explanation how the unique features, characteristics or capabilities are required for BWS use:

The Board of Water Supply uses data loggers to survey the water mains around the island of Oahu to find leaks before they develop into water main breaks. Vivax-Metrotech Corporation is the manufacturer of Seba Dynatronics water locating products. Vivax-Metrotech manufactures the Seba LOG N3 loggers which is an advanced noise logger system that provides leak detection. The hardware portion of the system consists of waterproof sensors deployed overnight inside manhole vaults along a water main to listen for the sound of leaks along the water main. Loggers record noise levels over time, especially during quiet periods of the day. The software portion of the system uploads the audio data into a software package that can use the data to identify and locate potential leaks along the water main.

The BWS requires the Seba LOG N3 Loggers for the following reasons:

1. Currently use this system – having additional loggers that are compatible with existing system are needed to monitor more areas of the expanding system.
2. It is a system that combines the functions of a field correlator and a noise logger. This allows the device to detect the noise level of a leak, and also the frequency. Users receive visual assistance from a color scale of blue (low frequency) to yellow (high frequency). Using both of these factors, the leak probability can be determined, as well as the relative leak position in relation to the adjacent loggers. Loggers without this feature rely on a two-step investigation where the presence of a leak is noted and then go back to the area using hand held correlation devices to manually isolate the location of the leak.
3. Seba LOG N3 loggers are designed for wireless data upload. The other logger systems must be plugged into a docking station and require careful cleaning after each use. Careful cleaning has to be done even before data can be uploaded to ensure the docking station from which the data is retrieved and deployed will not get contaminated with debris and water when the loggers are connected.

The BWS Leak Detection Team has used or tested all of the major data logger systems currently on the market. Competing products like the ZCorr system, FCS system, and Sewerin system are not wireless and all require careful cleaning.

The only other known wireless system that was tested by BWS was made by Gutermann. This system failed to find created leaks during testing.

Other possible sources for the goods

None - Wong's Equipment is the Hawaii distributor of the Seba LOG N3 Loggers.

I certify that the information provided above is to the best of my knowledge, true, correct and that the goods described above are available through only one (1) source.

Direct Questions to: Marc Chun

Phone: (808) 748-5906



Requestor



Division Head

12/29/17

Date

1-4-18

Date

Posting dates pursuant to Hawaii Administrative Rules Section 3-122-82: January 10, 2018
January 19, 2018

REVIEWED AS TO PROCUREMENT FORM:

Vicki A Kitajima
VICKI KITAJIMA
Procurement & Specifications Specialist VI

1/30/18
Date

CERTIFIED AS TO AVAILABILITY OF FUNDS:

[Signature]
FINANCE 1-19-18

1-9-18
Date

APPROVED AS RECOMMENDED/ NOT APPROVED

[Signature]
ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer am

2/15/18
Date

**BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU**

January 10, 2018
(Date Notice Posted)

NOTICE OF INTENT TO ISSUE A SOLE SOURCE AWARD

The Chief Procurement Officer is reviewing a request to make a sole source award to Wong's Equipment and Service LLC to purchase Seba Log N-3 loggers system with commander III unit and GPS module.

The award shall be made to:

Name of Vendor: Wong's Equipment and Service LLC

Address of Vendor: 841 Pohukaina St., B-1
Honolulu, HI 96813

Cost: \$65,298.40

Direct any inquiries to: Vicki A. Kitajima

Address: Board of Water Supply
Procurement Office
630 S. Beretania St.
Honolulu, HI 96843

Telephone No.: (808) 748-5151

Fax Telephone No.: (808) 550-9193

Submit written objection(s) to this Notice of Intent to Issue a Sole Source Award contract within seven (7) calendar days from the date this notice was posted to:

Manager and Chief Engineer
Board of Water Supply
630 S. Beretania St., Room 201
Honolulu, HI 96843

Telephone No. (808) 748-5071

Sole Source Reference No.: BWS 18-04-SS