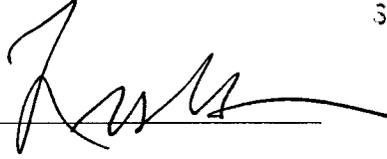


# STATE OF HAWAII REQUEST FOR SOLE SOURCE

STATE PROCUREMENT OFFICE  
STATE OF HAWAII

TO: Chief Procurement Officer

FROM: Lester M. Nakamura, ICSD Administrator  
(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:

<p>Description of goods, services, or construction:</p> <p>Wave Division Multiplexer (WDM) equipment</p> <p>This includes Dense Wave Division Multiplexing (DWDM) and Coarse Wave Division Multiplexing (CWDM) equipment. The equipment will be used statewide to increase the data carrying capacity of the State's institutional Network (NET) by allowing up to 32 light wavelengths to be used across a single fiber optic strand.</p>
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<p>Name of Vendor: LuxN, Inc. Address: 570 Maude Court, Sunnyvale, CA 94086</p>	<p>Cost: Statewide Price list</p>
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<p>Term of Contract: From: 12/15/03 To: 12/14/04</p>	<p>Prior Sole Source Reference No: 03-22-<i>CR</i></p>
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<p>The goods, services, or construction has the following unique features, characteristics, or capabilities:</p> <p>The LuxN WDM utilizes proprietary Network Management Software (NMS) for configuration of WDM nodes and the communication of important networking alarms and statistics. The use of LuxN's WDM will ensure a common and inter-operable network management system with the University of Hawaii and the Department of Education on the Institutional Network (NET).</p> <p>In addition, the LuxN equipment allows the State to continue utilizing its Synchronous Optical Network (SONET) by transporting the SONET bandwidth across one of the lightwaves. It also supports various Customer Premise Equipment (CPE) interfaces that are not currently available via SONET. These include 1Gbps and 10/100 Mbps Ethernet, OC-48 and fiber channel.</p>
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How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:

A common NMS platform that allows configurations, alarm notifications and management across the entire INET is critical to the operation stability of the network. If the multi-vendor WDM networks were deployed, multiple incompatible NMS's would also have to be deployed and ICSD would be hindered in its ability to receive critical alarm notifications and vital network statistics that would be found with a sole vendor solution.

Network management is critical to the configuration, maintenance and troubleshooting of a network.

The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:

The intellectual property rights to the NMS are owned by LuxN. No other vendor can provide this NMS.

Direct questions to: Gwen Nakahara Phone: (808) 586-1930

*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.*

Russ K Sait 9/29/03  
 Department Head or Designee Date

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 Title (If other than Department Head)

Chief Procurement Officer's comments:

Please ensure adherence to applicable administrative and statutory requirements.

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

APPROVED  DISAPPROVED

Alan S. Fajardo 10/15/03  
 Chief Procurement Officer Date