



# NEW YORK STATE BRIDGE AUTHORITY

P.O. Box 1010, Highland, New York 12528 P: (845) 691-7245 F: (845) 691-3560

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October 10, 2011

## REQUEST FOR PROPOSAL

### **BA-2011-RA-108-AC**

#### **Kingston-Rhinecliff Bridge Pavement Monitoring System**

The New York State Bridge Authority is soliciting cost proposals from pavement sensor manufacturers/retailers for a complete stand-alone turnkey system that will monitor the temperature and grip of the Kingston-Rhinecliff Bridge (KRB) road surface using non-invasive pavement sensors. Communication shall be transmitted wirelessly from the sensor to the existing ethernet hubs for the Authority's fiber optic network located on the bridge.

The performance of the system must be equal to or better than the attached Vaisala Guardian system. The cost quotations shall include two (2) years of data service.

The system must be operational by Tuesday, December 20<sup>th</sup>, 2011. Equipment must be delivered two weeks prior and cost should include oversight of the installation, to be performed by Authority personnel.

Proposal price must include shipping to:

***Kingston-Rhinecliff Bridge  
Route 199  
Kingston, NY 12402***

Proposals must be received by the New York State Bridge Authority no later than 4:00 PM, Tuesday, November 1<sup>st</sup>, 2011, at its Headquarters Office: P.O. Box 1010, Highland, NY 12528, Attention: William J. Moreau, Chief Engineer.

Upon review, a purchase order will be issued on or before November 4, 2011.

**B R I D G E S**

RIP VAN WINKLE  
P.O. Box 286  
Catskill, NY 12414  
(518) 943-2360

KINGSTON-RHINECLIFF  
P.O. Box 1400  
Kingston, NY 12402  
(845) 336-8181

MID-HUDSON  
P.O. Box 1010  
Highland, NY 12528  
(845) 691-7221

NEWBURGH-BEACON  
P.O. Box 28  
Beacon, NY 12508  
(845) 831-3700

BEAR MOUNTAIN  
P.O. Box 323  
Ft. Montgomery, NY 10922  
(845) 446-4721



# QUOTATION

Leon Shneider  
Roads & Rail North America  
Direct tel: 339-293-2264

Contact: Craig J. Gardner  
Customer: New York State Bridge Authority  
Address: P.O. BOX 1010  
HIGHLAND, NY 12528  
Email/Fax: \_\_\_\_\_  
Phone: 845-691-4077

Date: 10/5/2011  
Quote No: RDS-LDS-US-NYSBA-GUARDIAN  
Description: GUARDIAN  
Lead Time: WEEKS

VAISALA pricing is in U.S. Dollars. Does not include shipping charges which are invoiced at cost after shipment.

QUOTATION VALID FOR 90 DAYS

PL1103R7.0

Qty.	Item Description	Part #	Unit Price	Extended Price
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### WEATHER STATION ELECTRONICS

1	North American Guardian w/o Cell Modem <b>NA American Guardian Configuration w/o cell modem, including data service for 2 years</b> Non-Invasive Surface State Sensor Non-Invasive Surface Temperature Sensor (RS485) 1m RS485/Power cable DC power / RS485 cable 10m and RS232 cable 10m for Guardian Guardian Installation cabinet including BOX322, Mains, Power, Flange, Surge protection, DMC586 Residual Circuit Breaker with overcurrent protection, US mains socket, Surge Protector Mobotix camera, 10 meter CAT5 ethernet cable, Fixing parts for sensor support arm (NA Guardian) Two years Data Services- ADVISOR	<b>DR11SYS 5M6NNANANE7NNA</b>		
		DSC111		
		DST111		
		216548		
		2*221551		
		DRB111		
		DRMAINS3US		
		DR11CAMA		

Road Weather Station RoSA Components

1	Communications ETHERNET DROP	Customer provided		
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### SERVICE / PREVENTATIVE MAINTENANCE CONTRACTS & ENGINEERING

1	<b>Commissioning / Site Acceptance</b> Commissioning is performed by Vaisala Field Service Engineer on site after installation has been completed. It is the process that brings the installed RWIS equipment into a fully operational condition. If performed as a separate service, the Field Engineer will calibrate and terminate the pavement sensor cables. The completion of commissioning signifies the start of warranty period. Travel costs except airfare are included; airfare billed at cost.	<b>SAT</b>		
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**GRAND TOTAL, System Equipment, Software & Services**

Detailed conditions covering sale of the offered equipment can be found in the enclosed sales policy, "Standard Conditions of Sale of Vaisala." Warranty includes on-site repair, if required.

Stated lead time is from the time of order placement. If submittals are required, lead time is from the time approved submittals are received from the customer; if services such as site surveys, frequency checks, etc. are also required, these will be scheduled once approved submittals are received.

### PRICING STIPULATIONS

Unless otherwise noted, Buyer/Others to provide the following: