

**SCOPE OF SERVICE
FOR
Specialty Services
ESS Services
Environmental Sensor Station (ESS) Services
REQ #2047
QA1**

Question 1:

1.c.v. RWIS Central Management System, Display, Warning System Activation Status

Please provide a description for “Warning System activation status shall be viewable for any site when applicable as designated by the Engineer.”

Answer 1:

See scope

Question 2.

1.c.v. RWIS Central Management System, Display, Warning System Activation Status

Is the “Warning System activation status” applicable for the sites identified as having the bridge deck warning system (BDWS) in the North and Superior regions in ATTACHMENT A: CURRENT SYSTEM DESCRIPTION?

Answer 2:

Yes

Question 3:

1.c.v. RWIS Central Management System, Display, Warning System Activation Status

What “activation status” is desired to be displayed?

Answer 3:

See scope

Question 4:

2.h. ESS Infrastructure Maintenance, Asset Management Database

Please provide a detailed explanation with interface examples of the ITS AMD as specified by the Engineer.

Answer 4:

MDOT will provide instruction on any necessary programs prior to expectation of contract inclusion.

Question 5:

2.h. ESS Infrastructure Maintenance, Asset Management Database

Would a vendor-supplied asset management database containing a shared interface for the Consultant and MDOT be an acceptable alternative to this requirement?

Answer 5:

No

Question 6:

Can MDOT please identify whether 100% of the existing and planned ESS will be accessible without the need for bucket trucks, or are there any number of sites/structures that will require bucket trucks in order to perform the routine maintenance activities within the seasonal response times stated in the RFP?

Answer 6:

Yes a bucket truck will be required.

Question 7:

In Section 2 ESS Infrastructure Maintenance, a. General, vi states the following: "A 15% markup is allowed on the purchase of replacement spares." However in Attachment B: Miscellaneous Line Item Descriptions, MAINTAIN SPARE PARTS INVENTORY & SPARE PARTS DIRECT COST section states the following: "Payment of Spare Parts Direct Cost is made on a direct reimbursement basis with no Consultant mark up for delivered materials upon receipt of supporting documentation." Question – Will the consultant be allowed a 15% markup on the purchase of replacement spares?

Answer 7:

No

Question 8:

Section 1. RWIS Central Management System, b. communications, iii states the following: “The CMS shall be capable of accepting xml data feed from the MDOT Advanced Traffic Management System (ATMS) server.” **Question** – Can MDOT provide additional details on the XML data feed from the ATMS?

Answer 8:

See example below.

detector-id	detector-name	latitude	longitude	route-designator	linear-reference	link-direction	device-cross-street-name	detector-type	approach-name	lane-number	date	time	offset
2130 D-196E-MM1490-Pleasant Valley		42522084	-83725844	I-96	149 e		Pleasant Valley		5 through_lanes	100	20141119	11425900	-500
2130 D-196E-MM1490-Pleasant Valley		42522084	-83725844	I-96	149 e		Pleasant Valley		5 through_lanes	1	20141119	11425900	-500
2130 D-196E-MM1490-Pleasant Valley		42522084	-83725844	I-96	149 e		Pleasant Valley		5 through_lanes	10	20141119	11425900	-500

organization-id	date	time	offset	detector-id	detector-name	detector-status	detector-lane-number	lane-vehicle-count	occupancy	lane-vehicle-speed
mdot	20160912	15500000	-400	2130	D-196E-MM1490-Pleasant Valley	1	100	10	10	2
mdot	20160912	15500000	-400	2130	D-196E-MM1490-Pleasant Valley	1	1	9	9	6
mdot	20160912	15500000	-400	2130	D-196E-MM1490-Pleasant Valley	1	10	10	10	3
mdot	20160912	15500000	-400	2131	XD-196E-MM1510-Kensington	3				
mdot	20160912	15500000	-400	2132	D-196W-MM1430-Dorr	3				