



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

August 5, 2024

Subject: Road Weather Information System
State WIN: 024185.00
Location: Statewide
Amendment No. 3

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

Remove pages sixteen to nineteen titled Proposal Schedule of Items dated June 18, 2024, totaling four pages, and **Replace** with the attached Proposal Schedule of Items dated August 2, 2024, totaling four pages.

The following questions have been received:

Question: Under the specification 654.027 Mini DMS System Display #7 mentions a font style in 18" and 12" characters. Will either of these signs be on a 55mph road. If not and you are primarily using graphical messages could this be changed to something like 8 or 10" minimum. Requiring 18" characters would require the sign to be larger than we believe the DOT may be looking for

Response: Both of the project's mini DMS signs are proposed on roadways with a speed limit over 45 mph. Per the MUTCD, changeable message signs shall accommodate 18-inch character fonts. The Special Provision 645.1552, Section 645.027 requires a full matrix display that accommodates full color MUTCD graphics and shall be capable of displaying a normal font style in 18 inch and 12 inch alpha-numeric characters. The Special Provision also notes (Section 645.025) that if any of the hardware-specific requirements listed can be accomplished differently, the Contractor shall provide a list of the requirements that cannot be met along with a justification for how the Contractor's proposed solution may be considered functionally equivalent. It is expected that a review of functionally equivalent technology will take place during the submittal process with decisions being made at MaineDOT's sole discretion.

Question: Why is there still flashing beacon items on the AASHTO bidding software if they were removed from the project?

Response: Please see the updated Proposal Schedule of Items that has removed the 643.611 Flashing Beacon items from the project.

Question: Do the RWIS poles have any deflection limitation?

Response: The RWIS system support structures are required to provide the stability for the RWIS sensors required by the sensor's manufacturer(s) in order to meet the performance requirements described in Special Provision 654.53 for Road Weather Information Station (RWIS) System Equipment. As noted in this Special Provision under Section 654.029, the steel support structure shall be designed in accordance with Standard Specification 643.023 which requires design in accordance with the current edition of the AASHTO "LRFD Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals". The LRFD Specifications do include deflection requirements in Section 10.4.

Consider these changes and information prior to submitting your bid on **August 7, 2024**.

Sincerely,

Kevin Hanlon For

George M. A. Macdougall P.E.
Contracts & Specifications Engineer

8/2/2024

Maine Department of Transportation

Proposal Schedule of Items

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Proposal ID: 024185.00

Project(s): 024185.00

SECTION: 1 PROJECT ITEMS

Alt Set ID:

Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	626.11 PRECAST CONCRETE JUNCTION BOX	13.000 EA	_____	 _____	_____	 _____
0020	626.21 METALLIC CONDUIT 2-INCH	150.000 LF	_____	 _____	_____	 _____
0030	626.21 METALLIC CONDUIT 3-INCH	135.000 LF	_____	 _____	_____	 _____
0040	626.22 NON-METALLIC CONDUIT 2-INCH	900.000 LF	_____	 _____	_____	 _____
0050	626.22 NON-METALLIC CONDUIT 3-INCH	650.000 LF	_____	 _____	_____	 _____
0060	626.251 NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING) 2-INCH	50.000 LF	_____	 _____	_____	 _____
0070	626.251 NON-METALLIC UNDER PAVEMENT CONDUIT (SCHEDULE 80 OR GREATER RATING) 3-INCH	50.000 LF	_____	 _____	_____	 _____
0080	626.43 30 INCH DIAMETER FOUNDATION	40.000 LF	_____	 _____	_____	 _____
0090	626.44 36 INCH DIAMETER FOUNDATION	65.000 LF	_____	 _____	_____	 _____
0100	629.05 HAND LABOR, STRAIGHT TIME	32.000 HR	_____	 _____	_____	 _____
0110	645.1552 MINI DYNAMIC MESSAGE SIGN EASTON, RT. 1A	LUMP SUM	LUMP SUM		_____	 _____

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Proposal Schedule of Items

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Proposal ID: 024185.00

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Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0120	645.1552 MINI DYNAMIC MESSAGE SIGN FORT FAIRFIELD, RT. 1A	LUMP SUM				
0130	645.162 BREAKAWAY DEVICES MULTI-POLE	2.000 EA				
0140	645.289 STEEL H-BEAM POLES	1,625.000 LB				
0150	652.30 FLASHING ARROW BOARD	1.000 EA				
0160	652.33 DRUM	50.000 EA				
0170	652.34 CONE	50.000 EA				
0180	652.35 CONSTRUCTION SIGNS	290.000 SF				
0190	652.361 MAINTENANCE OF TRAFFIC CONTROL DEVICES	LUMP SUM				
0200	652.38 FLAGGER	420.000 HR				
0210	652.381 TRAFFIC OFFICER	36.000 HR				
0220	654.51 ELECTRICAL SERVICE CONNECTION ALFRED (RWIS 4)	1.000 LS				
0230	654.51 ELECTRICAL SERVICE CONNECTION CHESTER (RWIS 8)	1.000 LS				

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Proposal Schedule of Items

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Proposal ID: 024185.00

Project(s): 024185.00

SECTION: 1 PROJECT ITEMS

Alt Set ID: Alt Mbr ID:

Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0240	654.51 ELECTRICAL SERVICE CONNECTION EASTON (BOS 2)	1.000 LS	_____	_____	_____	_____
0250	654.51 ELECTRICAL SERVICE CONNECTION FORT FAIRFIELD (BOS 1)	1.000 LS	_____	_____	_____	_____
0260	654.51 ELECTRICAL SERVICE CONNECTION FORT FAIRFIELD (RWIS 5)	1.000 LS	_____	_____	_____	_____
0270	654.51 ELECTRICAL SERVICE CONNECTION FRYEBURG (RWIS 6)	1.000 LS	_____	_____	_____	_____
0280	654.51 ELECTRICAL SERVICE CONNECTION LUDLOW (RWIS 2)	1.000 LS	_____	_____	_____	_____
0290	654.51 ELECTRICAL SERVICE CONNECTION SANDY RIVER (RWIS 3)	1.000 LS	_____	_____	_____	_____
0300	654.51 ELECTRICAL SERVICE CONNECTION WALDOBORO (RWIS 7)	1.000 LS	_____	_____	_____	_____
0310	654.51 ELECTRICAL SERVICE CONNECTION WESLEY (RWIS 1)	1.000 LS	_____	_____	_____	_____
0320	654.53 ROAD WEATHER INFORMATION STATION ALFRED, RT. 202	1.000 LS	_____	_____	_____	_____
0330	654.53 ROAD WEATHER INFORMATION STATION CHESTER, I-95	1.000 LS	_____	_____	_____	_____
0340	654.53 ROAD WEATHER INFORMATION STATION FORT FAIRFIELD, RT. 1A	1.000 LS	_____	_____	_____	_____

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Proposal Schedule of Items

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Contractor: _____

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0350	654.53 ROAD WEATHER INFORMATION STATION FRYEBURG, RT. 302	1.000 LS	_____	_____	_____	_____
0360	654.53 ROAD WEATHER INFORMATION STATION LUDLOW, I-95	1.000 LS	_____	_____	_____	_____
0370	654.53 ROAD WEATHER INFORMATION STATION SANDY RIVER, RT. 4	1.000 LS	_____	_____	_____	_____
0380	654.53 ROAD WEATHER INFORMATION STATION WALDOBORO, RT. 1	1.000 LS	_____	_____	_____	_____
0390	654.53 ROAD WEATHER INFORMATION STATION WESLEY, RT. 9	1.000 LS	_____	_____	_____	_____
0400	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM	LUMP SUM		_____	_____
0410	659.10 MOBILIZATION	LUMP SUM	LUMP SUM		_____	_____
Section: 1			Total:		_____	_____
			Total Bid:		_____	_____