



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

Paul R. LePage  
GOVERNOR

David Bernhardt  
COMMISSIONER

June 5, 2018  
Subject: Traffic Signal Modifications  
State WIN: 023346.00  
Location: **Sanford**  
**Amendment No. 1**

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

**REMOVE** pages 17 – 18, Proposal Schedule of Items, 2 pages, dated 5/7/2018, and **REPLACE** with the attached, revised Proposal Schedule of Items, 2 pages, dated 6/5/2018.

**REMOVE** page 51, SPECIAL PROVISION - SECTION 502 – STRUCTURAL CONCRETE - (QC/QA Acceptance Methods), 1 page, dated May 8, 2018, and **REPLACE** with the attached, revised SPECIAL PROVISION - SECTION 502 – STRUCTURAL CONCRETE - (QC/QA Acceptance Methods), 1 page, dated June 5, 2018.

In the Plan Set:

On SHEET NUMBER 4 OF 10, TRAFFIC SIGNAL PLAN, under EQUIPMENT AND WORK (XXX.YYZ), The 5<sup>th</sup> item, Furnish and install 30-inch diameter, greater than 8 feet long and all 36-inch and 42-inch diameter foundations (Item. 626.332), **CHANGE** the QUANTITY from 12 CY to read “**15 CY**”. Make this change in pen and ink.

On SHEET NUMBER 4 OF 10, TRAFFIC SIGNAL PLAN, under EQUIPMENT AND WORK (XXX.YYZ), **ADD** Furnish and install 48-inch diameter, greater than 8 feet long and all 54-inch and 60-inch diameter foundations (Item. 626.333), under QUANTITY, **ADD** 10 CY. Make this change in pen and ink.

The following questions have been received:

**Question:** We are requesting that a reference to the 360 DEGREE ALDIS GRIDSMA RT CAMERA be removed and replaced with “Furnish and Install Video Detection System Processor and Cameras “.



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**Response:** All reference in the contract documents for WIN 23346.00 to the 360 Degree Aldis Gridsmart Camera system is to be removed and replaced with “furnish and install video-based vehicle detection system with camera(s), processor and system functionality to provide vehicle detection outputs to the traffic signal controller and generate and record intersection turning movement counts based on the video image”.

**Question:** In accordance with Standard Specification 102.5.2, the following ambiguities are noted. Please clarify the bid item with sizes, unit of measurement and quantity.

Bid Document:

Bid Item 0050 626.33 30 Inch Diameter, 8 Foot or Less Foundation 25 EA

Page 51 Structural Concrete: 626.33 30” Foundation > 8’ Long & all 36” and 42” Foundations

Plan Sheet 4:

Furnish and Install 30 Inch Diameter, Greater Than 8 Feet Long and All 36 Inch and 42 Inch Foundations (Item 626.332) 12 CY

Plan Sheet 7:

Foundation Tables -

Foundation Sizes are shown as 42 Inch and 48 Inch


Calculated per table CY = 24, actual estimated installed at 30CY

**Response:** All foundations for proposed traffic signals shall be paid under the following items. Estimated quantities are noted for each item.

- The foundations for the Southwest, Southeast and Northwest locations shall be paid as Item 626.332 – 30-inch Diameter, greater than 8-feet long, and all 36-inch and 42-inch Diameter Foundations. The unit of measurement is CY. The estimated quantity for this item is 15 CY.
- The foundation for the Northeast location shall be paid as Item 626.333 – 48-inch Diameter, 54-inch Diameter, 60-inch Diameter Foundations. The unit of measurement is CY. The estimated quantity for this item is 10 CY.

Consider these changes and information prior to submitting your bid on **June 6, 2018**.

Sincerely,



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

Maine Department of Transportation

Proposal Schedule of Items

Proposal ID: 023346.00

Project(s): 023346.00

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	3.000 EA	_____	 _____	_____	 _____
0020	626.21 METALLIC CONDUIT	15.000 LF	_____	 _____	_____	 _____
0030	626.22 NON-METALLIC CONDUIT	410.000 LF	_____	 _____	_____	 _____
0040	626.31 18 INCH FOUNDATION	4.000 EA	_____	 _____	_____	 _____
0050	626.332 30 INCH DIAMATER GREATER THAN 8 FEET LONG & 36 INCH DIAMETER, 42 INCH DIAMETER FOUNDATION	15.000 CY	_____	 _____	_____	 _____
0060	626.333 48 INCH DIAMETER, 54 INCH DIAMETER, & 60 INCH DIAMETER FOUNDATIONS	10.000 CY	_____	 _____	_____	 _____
0070	626.35 CONTROLLER CABINET FOUNDATION	1.000 EA	_____	 _____	_____	 _____
0080	643.71 TRAFFIC SIGNAL MODIFICATION Rte.109 / Old Mill Rd.	LUMP SUM	_____	 LUMP SUM	_____	 _____
0090	643.83 VIDEO DETECTION SYSTEM	LUMP SUM	_____	 LUMP SUM	_____	 _____
0100	643.92 PEDESTAL POLE	4.000 EA	_____	 _____	_____	 _____
0110	645.271 REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS, TYPE I	60.000 SF	_____	 _____	_____	 _____

Maine Department of Transportation

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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
0120	652.33 DRUM	15.000 EA	_____	 _____	_____	 _____
0130	652.34 CONE	25.000 EA	_____	 _____	_____	 _____
0140	652.35 CONSTRUCTION SIGNS	110.000 SF	_____	 _____	_____	 _____
0150	652.36 MAINTENANCE OF TRAFFIC CONTROL DEVICES	30.000 CD	_____	 _____	_____	 _____
0160	652.38 FLAGGER	80.000 HR	_____	 _____	_____	 _____
0170	652.381 TRAFFIC OFFICER	50.000 HR	_____	 _____	_____	 _____
0180	652.41 PORTABLE CHANGEABLE MESSAGE SIGN	3.000 EA	_____	 _____	_____	 _____
0190	656.75 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LUMP SUM		 LUMP SUM	_____	 _____
0200	659.10 MOBILIZATION	LUMP SUM		 LUMP SUM	_____	 _____
<b>Section: 1</b>			<b>Total:</b>		_____	 _____
			<b>Total Bid:</b>		_____	 _____

SPECIAL PROVISION  
SECTION 502  
STRUCTURAL CONCRETE  
(QC/QA Acceptance Methods)

CLASS OF CONCRET	ITEM NUMBER	DESCRIPTION	P	METHOD
LP	626.31	18" Foundation	-	C
LP	626.332	30" Foundation > 8' Long & all 36" and 42" Foundations	-	C
LP	626.333	48" Foundation > 8' Long & all 54" and 60" Foundations	-	C
LP	626.35	Controller Cabinet Foundation	-	C