



**CITY OF WAUKESHA**

**Administration**

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<b>Committee:</b> Board of Public Works	<b>Date:</b> 8/3/2017
<b>Common Council Item Number:</b> ID #17-1152	<b>Date:</b> 8/15/2017
<b>Submitted By:</b> Fred Abadi, Director of Public Works	<b>City Administrator Approval:</b> Kevin Lahner, City Administrator <b>KL</b>
<b>Finance Department Review:</b> Rich Abbott, Finance Director	<b>City Attorney's Office Review:</b> Brian Running, City Attorney <b>BR</b>
<b>Subject:</b> Review and approve Contract Change Order No. 1 with MP Systems (d/b/a PieperLine) for the Kossow Road and Abbott Drive Traffic Signal Installation project.	

**Details:**

Engineering is requesting approval of Contract Change Order No. 1 in the amount of \$6,473.48 with MP Systems. This change order reflects additional cost to install 2" dia. and 3" dia. conduits to finish connection of the signal system. This change order also reflects the final cost changes for quantities that went over the original bid amount.

**Contract Extra for Conduit Installation and Restoration:**

The 2016 WisDOT project was to install the underground conduits for this project. However, these conduits were not installed and the installation is added to the City's project. Due to field conditions, vacuum excavation was needed.

Summary of items:

25-FT of 2-Inch Conduit @ \$2.68 / ft =	\$67.00
40-FT of 3-Inch Conduit @ \$3.87 / ft =	\$154.80
4 Ton of Granular Backfill @ \$66.18 / Ton =	\$264.72
1 - Vacuum Excavation (Lump Sum) @ \$2,733.52 =	\$2,733.52
1 – Seeding / Mulching Restoration (Lump Sum) @ \$725.96 =	<u>\$725.96</u>
	<i>Subtotal = \$3,946.00</i>

**Extra Quantity over the Bid Quantity per Unit Price:**

Per field conditions and with approval from the engineering department, the contractor went over quantity on seven pay items. Summary of items and total cost of overages are listed below.

Summary of items:

-28-FT less Pavement Marking Stop Line Epoxy 18-Inch @ \$25.67 / ft =	<b>-\$718.76</b>
1,046-FT extra of Cable Traffic Signal 5-14 AWG @ \$0.76 / ft =	\$794.96
-343-FT less of Cable Traffic Signal 7-14 AWG @ \$0.91 / ft =	<b>-\$312.13</b>
299-FT extra of Cable Traffic Signal 12-14 AWG @ \$1.50 / ft =	\$448.50
3-FT extra of Cable Type UF 2-10 AWG Grounded @ \$0.98 / ft =	\$2.94
528-FT extra of Electrical Wire Traffic Signals 10 AWG @ \$0.59 / ft =	\$311.52
19-FT extra of Electrical Wire Lighting 10 AWG @ \$0.59 / ft =	\$11.21



3-EACH extra Transformer Bases Breakaway 11 1/2-Inch Bolt Circle @ \$322.81 / each =	\$968.43
1-EACH extra Poles Type 5 - Aluminum @ \$1,020.81 / each =	<u>\$1,020.81</u>
	<i>Subtotal = \$2,527.48</i>

Contract Change Order No. 1 Grand Total =	<b>\$6,473.48</b>
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**Options & Alternatives:**

There were no feasible alternatives. Conduit needed to be extended to new signal cabinet. Extra wiring was needed based on field conditions.

**Financial Remarks:**

Original Contract Amount =	\$128,608.28
Contract Change Order No. 1 – Total Expense (Account # 0050.68290)	\$6,473.48
New Contract Amount =	\$135,081.76

***Executive Recommendation:***

*Recommend approval of Contract Change Order No. 1 with MP Systems (d/b/a/ PieperLine) for the Kossow Road and Abbot Drive Traffic Signal Installation project.*