

PRICING PAGE (1)

Traffic Signal Maintenance, Repair & Improvements / DTM
Bid #: CR-8785-J7

For the purpose of determining the low bidder the City has estimated annual quantities for those items requiring unit prices. The quantities are listed beside each item and the low bidder will be determined by the computations shown on the bid proposal. These quantities are for bid comparison purposes but will also be used during the course of the contract by the City for service, repair, and improvement work.

ESTIMATED ANNUAL QUANTITIES

A. Hourly Rate per Electrician (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>	<u>Weekday</u>		
1) 6:00 AM TO 6:00 PM	1100 HRS @ \$ <u>195.00</u>	= \$ <u>214,500.00</u>	A
<u>Overtime from Hr. to Hr.</u>	<u>Weekday</u>		
2) 6:00 PM TO 6:00 AM	150 HRS @ \$ <u>225.00</u>	= \$ <u>33,750.00</u>	B
<u>Overtime from Hr. to Hr.</u>	<u>Saturday, Sunday, Legal Holidays</u>		
3) 6:00 AM TO 6:00 PM	75 HRS @ \$ <u>225.00</u>	= \$ <u>16,875.00</u>	C
4) 6:00 PM TO 6:00 AM	75 HRS @ \$ <u>225.00</u>	= \$ <u>16,875.00</u>	D

B. Hourly Rate per Laborer (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>	<u>Weekday</u>		
1) 6:00 AM TO 6:00 PM	50 HRS @ \$ <u>115.00</u>	= \$ <u>5,750.00</u>	E
<u>Overtime from Hr. to Hr.</u>	<u>Weekday</u>		
2) 6:00 PM TO 6:00 AM	25 HRS @ \$ <u>145.00</u>	= \$ <u>3,625.00</u>	F
<u>Overtime from Hr. to Hr.</u>	<u>Saturday, Sunday, Legal Holidays</u>		
3) 6:00 AM TO 6:00 PM	5 HRS @ \$ <u>145.00</u>	= \$ <u>725.00</u>	G
4) 6:00 PM TO 6:00 AM	5 HRS @ \$ <u>145.00</u>	= \$ <u>725.00</u>	H

C. Hourly Rate for Civil Work (inclusive of all labor, equipment and materials beyond typical installation referenced above)

<u>From Hr. to Hr.</u>	<u>Weekday</u>		
1) 6:00 AM TO 6:00 PM	100 HRS @ \$ <u>525.00</u>	= \$ <u>52,500.00</u>	I
		\$ <u>345,325.00</u>	

TOTAL LABOR/ITEMS A-I

Coviello Electric, Inc.

PRICING PAGE (2)**Traffic Signal Maintenance, Repair & Improvements / DTM****Bid #: CR-8785-J7**

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Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
610.8	RRFB Signal Foundation Three Thousand Five <u>Hundred Dollars and No Cents</u> Per Each	EA.	25	\$ <u>3,500.00</u>	\$ <u>87,500.00</u>
815.001	Traffic Signal Cabinet Foundation – Type P or M Seven Thousand Five Hundred <u>Dollars and No Cents</u> Per Each	EA.	5	\$ <u>7,500.00</u>	\$ <u>37,500.00</u>
815.002	Traffic Signal Pull Box 12"x24" Two Thousand Two Hundred <u>Dollars and No Cents</u> Per Each	EA.	5	\$ <u>2,200.00</u>	\$ <u>11,000.00</u>
815.003	Traffic Signal Cable 20 Conductor <u>Eight Dollars and No Cents</u> Per Each	LF.	1000	\$ <u>8.00</u>	\$ <u>8,000.00</u>
815.004	Traffic Signal Cable 7 Conductor <u>Seven Dollars and No Cents</u> Per Each	LF.	1000	\$ <u>7.00</u>	\$ <u>7,000.00</u>
815.005	Traffic Signal Cable Bonding Cable <u>Two Dollars and No Cents</u> Per Each	LF.	1000	\$ <u>2.00</u>	\$ <u>2,000.00</u>
815.006	Traffic Signal Cable For Opticom <u>Five Dollars and No Cents</u> Per Each	LF.	1000	\$ <u>5.00</u>	\$ <u>5,000.00</u>
815.007	Cement Concrete Foundation for Mast Arm <u>Eleven Thousand Dollars and No Cents</u> Per Each	EA.	5	\$ <u>11,000.00</u>	\$ <u>55,000.00</u>

PRICING PAGE (3)

Traffic Signal Maintenance, Repair & Improvements / DTM

Bid #: CR-8785-J7

Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
815.008	Cement Concrete Foundation for Post MHD SD3.030 Two Thousand Five Hundred ~~Dollars and No Cents~~ Per Each	EA.	20	\$ <u>2,500.00</u>	\$ <u>50,000.00</u>
815.009	Loop Detectors in Roadway Installed - Complete ~~Twenty-Five Dollars and No Cents~~ Per Each	LF.	500	\$ <u>25.00</u>	\$ <u>12,500.00</u>

\$ 275,500.00

TOTAL MATERIALS

+ \$ 345,325.00

TOTAL LABOR/ITEMS A-I

= \$ 620,825.00 *

TOTAL BID PRICE

*Award to be based on this amount

**All materials, supplies, parts, etc. not specifically listed above, and required to be procured by the Contractor for the faithful performance of this contract may be charged to the City of Worcester at a rate not to exceed 10% over the Contractor's net cost. The City may request original copies of the Contractor invoices at any time to confirm said costs.

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ESTIMATED ANNUAL QUANTITIES

A. Hourly Rate per Electrician (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>		<u>Weekday</u>		
1) 6:00 AM TO 6:00 PM	1100 HRS @ \$	180.00	= \$	198,000.00 A
<u>Overtime from Hr. to Hr.</u>		<u>Weekday</u>		
2) 6:00 PM TO 6:00 AM	150 HRS @ \$	230.00	= \$	34,500.00 B
<u>Overtime from Hr. to Hr.</u>		<u>Saturday, Sunday, Legal Holidays</u>		
3) 6:00 AM TO 6:00 PM	75 HRS @ \$	230.00	= \$	17,250.00 C
4) 6:00 PM TO 6:00 AM	75 HRS @ \$	230.00	= \$	17,250.00 D

B. Hourly Rate per Laborer (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>		<u>Weekday</u>		
1) 6:00 AM TO 6:00 PM	50 HRS @ \$	70.00	= \$	3,500.00 E
<u>Overtime from Hr. to Hr.</u>		<u>Weekday</u>		
2) 6:00 PM TO 6:00 AM	25 HRS @ \$	95.00	= \$	2,375.00 F
<u>Overtime from Hr. to Hr.</u>		<u>Saturday, Sunday, Legal Holidays</u>		
3) 6:00 AM TO 6:00 PM	5 HRS @ \$	95.00	= \$	475.00 G
4) 6:00 PM TO 6:00 AM	5 HRS @ \$	95.00	= \$	475.00 H

C. Hourly Rate for Civil Work (inclusive of all labor, equipment and materials beyond typical installation referenced above)

<u>From Hr. to Hr.</u>		<u>Weekday</u>		
1) 6:00 AM TO 6:00 PM	100 HRS @ \$	180.00	= \$	18,000.00 I
			\$	291,825.00

TOTAL LABOR/ITEMS A-I

Electric Light Company

PRICING PAGE (2)**Traffic Signal Maintenance, Repair & Improvements / DTM****Bid #: CR-8785-J7**

NOTE: The quantities listed below are approximate and are to be used for bid comparisons only. In no way should the figures be constructed to mean that they represent a guarantee of work to be done. The bid price shall be for the complete installation of the bid items listed below ONLY and any additional work shall be paid at the above labor rates. All bid prices are to include all materials, labor (including loop detector splicing w/splice kit) and equipment necessary for a complete installation of these bid items, including any sidewalk removal/restoration (one sidewalk panel), raise or lower cabinets and signals or the removal of old debris (foundations, signals, etc.)

Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
610.8	RRFB Signal Foundation <u>Three thousand eight hundred dollars</u> Per Each	EA.	25	\$ <u>3,800.00</u>	\$ <u>95,000.00</u>
815.001	Traffic Signal Cabinet Foundation – Type P or M <u>Six thousand eight hundred dollars</u> Per Each	EA.	5	\$ <u>6,800.00</u>	\$ <u>34,000.00</u>
815.002	Traffic Signal Pull Box 12"x24" <u>One thousand eight hundred dollars</u> Per Each	EA.	5	\$ <u>1,800.00</u>	\$ <u>9,000.00</u>
815.003	Traffic Signal Cable 20 Conductor <u>Ten dollars</u> Per Each	LF.	1000	\$ <u>10.00</u>	\$ <u>10,000.00</u>
815.004	Traffic Signal Cable 7 Conductor <u>Ten dollars</u> Per Each	LF.	1000	\$ <u>10.00</u>	\$ <u>10,000.00</u>
815.005	Traffic Signal Cable Bonding Cable <u>Eight dollars</u> Per Each	LF.	1000	\$ <u>8.00</u>	\$ <u>8,000.00</u>
815.006	Traffic Signal Cable For Opticom <u>Five dollars</u> Per Each	LF.	1000	\$ <u>5.00</u>	\$ <u>5,000.00</u>
815.007	Cement Concrete Foundation for Mast Arm <u>Thirteen thousand five hundred dollars</u> Per Each	EA.	5	\$ <u>13,500.00</u>	\$ <u>67,500.00</u>

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Traffic Signal Maintenance, Repair & Improvements / DTM

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Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
815.008	Cement Concrete Foundation for Post MHD SD3.030 <u>Three thousand eight hundred dollars</u> Per Each	EA.	20	\$ <u>3,800.00</u>	\$ <u>76,000.00</u>
815.009	Loop Detectors in Roadway Installed - Complete <u>Eighteen dollars</u> Per Each	LF.	500	\$ <u>18.00</u>	\$ <u>9,000.00</u>

\$ 323,500.00

TOTAL MATERIALS

+ \$ 291,825.00

TOTAL LABOR/ITEMS A-I

= \$ 615,325.00 *

TOTAL BID PRICE

*Award to be based on this amount

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For the purpose of determining the low bidder the City has estimated annual quantities for those items requiring unit prices. The quantities are listed beside each item and the low bidder will be determined by the computations shown on the bid proposal. These quantities are for bid comparison purposes but will also be used during the course of the contract by the City for service, repair, and improvement work.

ESTIMATED ANNUAL QUANTITIES

A. Hourly Rate per Electrician (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>	<u>Weekday</u>	
1) 6:00 AM TO 6:00 PM	1100 HRS @ \$ <u>120.00</u>	= \$ <u>132,000.00</u> A
<u>Overtime from Hr. to Hr.</u>	<u>Weekday</u>	
2) 6:00 PM TO 6:00 AM	150 HRS @ \$ <u>171.00</u>	= \$ <u>25,650.00</u> B
<u>Overtime from Hr. to Hr.</u>	<u>Saturday, Sunday, Legal Holidays</u>	
3) 6:00 AM TO 6:00 PM	75 HRS @ \$ <u>171.00</u>	= \$ <u>12,825.00</u> C
4) 6:00 PM TO 6:00 AM	75 HRS @ \$ <u>171.00</u>	= \$ <u>12,825.00</u> D

B. Hourly Rate per Laborer (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>	<u>Weekday</u>	
1) 6:00 AM TO 6:00 PM	50 HRS @ \$ <u>50.00</u>	= \$ <u>2,500.00</u> E
<u>Overtime from Hr. to Hr.</u>	<u>Weekday</u>	
2) 6:00 PM TO 6:00 AM	25 HRS @ \$ <u>50.00</u>	= \$ <u>1,250.00</u> F
<u>Overtime from Hr. to Hr.</u>	<u>Saturday, Sunday, Legal Holidays</u>	
3) 6:00 AM TO 6:00 PM	5 HRS @ \$ <u>50.00</u>	= \$ <u>250.00</u> G
4) 6:00 PM TO 6:00 AM	5 HRS @ \$ <u>50.00</u>	= \$ <u>250.00</u> H

C. Hourly Rate for Civil Work (inclusive of all labor, equipment and materials beyond typical installation referenced above)

<u>From Hr. to Hr.</u>	<u>Weekday</u>	
1) 6:00 AM TO 6:00 PM	100 HRS @ \$ <u>111.00</u>	= \$ <u>11,100.00</u> I
		\$ <u>198,650.00</u>

TOTAL LABOR/ITEMS A-I

Pine Ridge Technologies

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Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
610.8	RRFB Signal Foundation <u>five hundred dollars and zero cents</u> Per Each	EA.	25	\$ <u>500.00</u>	\$ <u>12,500.00</u>
815.001	Traffic Signal Cabinet Foundation – Type P or M <u>five hundred dollars and zero cents</u> Per Each	EA.	5	\$ <u>500.00</u>	\$ <u>2,500.00</u>
815.002	Traffic Signal Pull Box 12"x24" <u>five hundred dollars and zero cents</u> Per Each	EA.	5	\$ <u>500.00</u>	\$ <u>2,500.00</u>
815.003	Traffic Signal Cable 20 Conductor <u>four dollars and zero cents</u> Per Each	LF.	1000	\$ <u>4.00</u>	\$ <u>4,000.00</u>
815.004	Traffic Signal Cable 7 Conductor <u>one dollar and zero cents</u> Per Each	LF.	1000	\$ <u>1.00</u>	\$ <u>1,000.00</u>
815.005	Traffic Signal Cable Bonding Cable <u>one dollar and zero cents</u> Per Each	LF.	1000	\$ <u>1.00</u>	\$ <u>1,000.00</u>
815.006	Traffic Signal Cable For Opticom <u>one dollar and zero cents</u> Per Each	LF.	1000	\$ <u>1.00</u>	\$ <u>1,000.00</u>
815.007	Cement Concrete Foundation for Mast Arm <u>one thousand dollars and zero cents</u> Per Each	EA.	5	\$ <u>1,000.00</u>	\$ <u>5,000.00</u>

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Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
815.008	Cement Concrete Foundation for Post MHD SD3.030 <u>four hundred dollars</u> <u>and zero cents</u> Per Each	EA.	20	\$ <u>400.00</u>	\$ <u>8,000.00</u>
815.009	Loop Detectors in Roadway Installed - Complete <u>five dollars and zero</u> Per Each <u>cents</u>	LF.	500	\$ <u>5.00</u>	\$ <u>2,500.00</u>

\$ 40,000.00

TOTAL MATERIALS

+ \$ 198,650.00

TOTAL LABOR/ITEMS A-I

= \$ 238,650.00 *

TOTAL BID PRICE

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ESTIMATED ANNUAL QUANTITIES

A. Hourly Rate per Electrician (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>		<u>Weekday</u>	
1) 6:00 AM TO 6:00 PM	1100 HRS @ \$ <u>94.00</u>	= \$ <u>103,400.00</u>	A
<u>Overtime from Hr. to Hr.</u>		<u>Weekday</u>	
2) 6:00 PM TO 6:00 AM	150 HRS @ \$ <u>106.00</u>	= \$ <u>15,900.00</u>	B
<u>Overtime from Hr. to Hr.</u>		<u>Saturday, Sunday, Legal Holidays</u>	
3) 6:00 AM TO 6:00 PM	75 HRS @ \$ <u>106.00</u>	= \$ <u>7,950.00</u>	C
4) 6:00 PM TO 6:00 AM	75 HRS @ \$ <u>106.00</u>	= \$ <u>7,950.00</u>	D

B. Hourly Rate per Laborer (inclusive of all labor and equipment including vehicles)

<u>Regular from Hr. to Hr.</u>		<u>Weekday</u>	
1) 6:00 AM TO 6:00 PM	50 HRS @ \$ <u>31.00</u>	= \$ <u>1,550.00</u>	E
<u>Overtime from Hr. to Hr.</u>		<u>Weekday</u>	
2) 6:00 PM TO 6:00 AM	25 HRS @ \$ <u>33.00</u>	= \$ <u>825.00</u>	F
<u>Overtime from Hr. to Hr.</u>		<u>Saturday, Sunday, Legal Holidays</u>	
3) 6:00 AM TO 6:00 PM	5 HRS @ \$ <u>33.00</u>	= \$ <u>165.00</u>	G
4) 6:00 PM TO 6:00 AM	5 HRS @ \$ <u>33.00</u>	= \$ <u>165.00</u>	H

C. Hourly Rate for Civil Work (inclusive of all labor, equipment and materials beyond typical installation referenced above)

<u>From Hr. to Hr.</u>		<u>Weekday</u>	
1) 6:00 AM TO 6:00 PM	100 HRS @ \$ <u>104.00</u>	= \$ <u>10,400.00</u>	I
		\$ <u>148,305.00</u>	

TOTAL LABOR/ITEMS A-I

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Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
610.8	RRFB Signal Foundation <u>Two Hundred Fifty Dollars</u> Per Each	EA.	25	\$ <u>250.00</u>	\$ <u>6,250.00</u>
815.001	Traffic Signal Cabinet Foundation – Type P or M <u>Two Hundred Fifty Dollars</u> Per Each	EA.	5	\$ <u>250.00</u>	\$ <u>1,250.00</u>
815.002	Traffic Signal Pull Box 12"x24" <u>Two Hundred Fifty Dollars</u> Per Each	EA.	5	\$ <u>250.00</u>	\$ <u>1,250.00</u>
815.003	Traffic Signal Cable 20 Conductor <u>Two Dollars</u> Per Each	LF.	1000	\$ <u>2.00</u>	\$ <u>2,000.00</u>
815.004	Traffic Signal Cable 7 Conductor <u>Two Dollars</u> Per Each	LF.	1000	\$ <u>2.00</u>	\$ <u>2,000.00</u>
815.005	Traffic Signal Cable Bonding Cable <u>Seventy Seven Cents</u> Per Each	LF.	1000	\$ <u>0.77</u>	\$ <u>770.00</u>
815.006	Traffic Signal Cable For Opticom <u>Seventy Seven Cents</u> Per Each	LF.	1000	\$ <u>0.77</u>	\$ <u>770.00</u>
815.007	Cement Concrete Foundation for Mast Arm <u>Ten Dollars</u> Per Each	EA.	5	\$ <u>10.00</u>	\$ <u>50.00</u>

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Item	Description – Write Unit Bid Price in Words	Unit	Quantity	Unit Price	Amount
815.008	Cement Concrete Foundation for Post MHD SD3.030 <u>Fifty Five Dollars</u> Per Each	EA.	20	<u>\$ 55.00</u>	<u>\$ 1,100.00</u>
815.009	Loop Detectors in Roadway Installed - Complete <u>Eight Cents</u> Per Each	LF.	500	<u>\$ 0.08</u>	<u>\$ 40.00</u>

\$ 15,480.00

TOTAL MATERIALS

+ \$ 148,305.00

TOTAL LABOR/ITEMS A-I

= \$ 163,785.00 *

TOTAL BID PRICE

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