

Extra Work and Unit Pricing

Item	Description	Price
E1-1	Journeyman Electrician/Lineman	\$ 125.00 . per hour
E1-2	Journeyman Electrician/Lineman – Overtime	\$ 145.00 . per hour
E1-3	Apprentice Electrician/Lineman	\$ 75.00 . per hour
E1-4	Apprentice Electrician/Lineman – Overtime	\$ 98.00 . per hour
E1-5	Lamp and Photocell Service Person	\$ 75.00 . per hour
E1-6	Laborer	\$ 75.00 . per hour
E1-7	Laborer – Overtime	\$ 98.00 . per hour
E1-8	Truck (35 to 40 foot insulated bucket truck)	\$ 15.00 . per hour
E1-9	Dump truck (2 to 3 yard)	\$ 45.00 . per hour
E1-10	Crane (5 to 10 ton)	\$ 75.00 . per hour
E1-11	Pole truck with pole auger	\$ 225.00 . per hour
	Extra Work Note E1-12 thru E1-19 apply to standard cobra head fixtures only and include labor and materials.	All prices below are installed prices inclusive of labor and materials
E1-12	Service call replace 35 to 150 watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures	\$ 150.00 .
E1-13	Service call replace 250-400w watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures and flood lights	\$ 180.00 .
E1-14	Service call to replace HPS starter (all Wattages)	\$ 85.00 .
E1-15	Service call to replace HID ballast (all Wattages, Voltages, types)	\$ 245.00 .
E1-16	Fuse (streetlight KTK) all fixtures	\$ N/A .
E1-17	Replace Cobra lens (dish or flat lens)	\$ 55.00 .
E1-18	Service call to replace HPS fixture including the fixture and photocell 50-150 Watt HPS	\$ 325.00 . each
E1-19	Service call to replace HPS fixture including the fixture and photocell 250 Watt HPS	\$ 355.00 . each
	Prices below are installed prices including materials and labor- mast arms are 2 inch galvanized heavy duty mast arms.	
E1-20	3 foot mast arm w/hardware w/o fixture	\$ 195.00 .
E1-21	4 foot mast arm w/hardware w/o fixture	\$ 210.00 .
E1-22	6 foot mast arm w/hardware w/o fixture	\$ 250.00 .
E1-23	8 foot mast arm w/hardware w/o fixture	\$ 295.00 .
E1-24	10 foot mast arm w/hardware w/o fixture	\$ 310.00 .
E1-25	12 foot mast arm w/hardware w/o fixture	\$ 345.00 .
E1-26	Price add to E1-18 through E1-23 to include install supplied Fixture	\$ 175.00 .
E1-27	Install supplied fixture on existing mast arm single call out-warranty replacement	\$ 325.00 .
E1-28	Service call replace failed fixture/control w/commissioning Warranty Labor only	\$ 325.00 .
E1-29	Service call replace fixture/photocell w/o commissioning Warranty replacement	\$ 325.00 .
E1-30	Hourly Electrician labor rate with Bucket truck to install ancillary equipment (less than 15 lbs) on mast arm.	\$ 250.00 .
E1-31	Complete installation 6 ft. mast arm with wiring and supplied LED	\$ 450.00 .

	fixture and Control device on existing utility pole with commissioning. (New Install where there is no light currently. Provide sufficient pigtail for EVERSOURCE to connect to secondary line.)	
E1-32	Complete installation 6 ft. mast arm with internal wiring and supplied LED fixture and Control device on existing utility pole w/o commissioning. New install where no light currently exists. Provide sufficient Pigtail on power side for EVERSOURCE to make connection to secondary.	\$ 450.00 . .
E1-33	Service call to replace failed photocell/control device with commissioning	\$ 325.00 . . each
E1-34	Rewire fixture internally or change internal fixture setting	\$ 225.00
E1-35	Replace photocell receptacle with approved ANSI 136.41 seven pin receptacle. Includes providing receptacle.	\$ 400.00 . . each
E1-36	Install 35 ft aluminum pole of a quality as good or better than the US NSTAR specifications on existing foundation (Assume foundation is serviceable) with six foot mast arm and 150 watt HPS cobra head cutoff fixture	\$ 2,450.00 . . each
E1-37	Transfer existing mast arm with fixture from old pole to replacement pole in connection with utility company pole replacement.	\$ 195.00 . . each
E1-38	Remove broken non-utility wooden pole (assume approximately one to two feet of the old pole is left above ground as from a knockdown) and install new 35 foot wooden pole with standard six foot bracket and supplied LED fixture. Dispose of old pole.	\$ 1,500.00 . . each
E1-39	Labor to rewire defective mast arm wires and reconnect light fixture. Complete cost for labor, travel and equipment. Wire to be billed based on per foot price next item below. Price for this line does not include wire price.	\$ 225.00 . . each
E1-40	Replace defective mast arm wires with appropriately rated wiring for up to 250 watt fixtures. Price is wire only.	\$ 1.00 . . per foot
E1-41	Install approved Fuse holder and Fuse in connection with service call.	\$ N/A . . each
E1-42	Service call price-cost to respond to a service call and trouble shoot the light with no work required at the scene	\$ 350.00 . . each
E1-43	Deduct for labor to install a fuse holder and fuse for any service call where the fuse is already installed	-\$ N/A . . each
E1-44	Standard Material Markup	15 %

Total Comparative Bid Price components

The following section uses the above unit pricing to determine a total comparative price for the bid evaluation. Unit prices are multiplied by estimated work amounts and then the result is totaled to complete the Total Comparative Bid price.

Proposal Summary Refer to description/pricing above
Totals for each Item. Note the quantities listed are for evaluation purposes and are not a guarantee of work. They do reflect expected quantities in each year of service.

A1 ENERGY EFFICIENCY UPGRADES

Price per Town supplied LED fixture installed \$ 69.00 X 1116 lights =
\$ 77,004.00
with supplied photocell no commissioning (**do not include this price in Total Comparative Price below**)

Price per supplied fixture installed \$ 76.00 X 1116 lights= \$ 84,816.00 (A)
with supplied control with commissioning (**use this number in computing Total Comparative Price**)

Paragraphs B and C are intentionally omitted from this document.

D1 A EMERGENCY RESPONSE

Emergency Response assume 9 times over three years
Regular rate per trip \$ 250.00 X Nine times = \$ 2,250.00 (D1a)
Overtime Rate per trip \$ 250.00 X Nine times=
\$ 2,250.00

Extra Work and Unit Pricing

Item	Description	Price
E1-1	Journeyman Electrician/Lineman	\$ 128 . per hour
E1-2	Journeyman Electrician/Lineman – Overtime	\$ 128 . per hour
E1-3	Apprentice Electrician/Lineman	\$ 60 . per hour
E1-4	Apprentice Electrician/Lineman – Overtime	\$ 60 . per hour
E1-5	Lamp and Photocell Service Person	\$ 128 . per hour
E1-6	Laborer	\$ 65 . per hour
E1-7	Laborer – Overtime	\$ 65 . per hour
E1-8	Truck (35 to 40 foot insulated bucket truck)	\$ 35 . per hour
E1-9	Dump truck (2 to 3 yard)	\$ 20 . per hour
E1-10	Crane (5 to 10 ton)	\$ 80 . per hour
E1-11	Pole truck with pole auger	\$ 80 . per hour
	Extra Work Note E1-12 thru E1-19 apply to standard cobra head fixtures only and include labor and materials.	All prices below are installed prices inclusive of labor and materials
E1-12	Service call replace 35 to 150 watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures	\$ 50 .
E1-13	Service call replace 250-400w watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures and flood lights	\$ 60 .
E1-14	Service call to replace HPS starter (all Wattages)	\$ 50 .
E1-15	Service call to replace HID ballast (all Wattages, Voltages, types)	\$ 60 .
E1-16	Fuse (streetlight KTK) all fixtures	\$ N/A .
E1-17	Replace Cobra lens (dish or flat lens)	\$ 40 .
E1-18	Service call to replace HPS fixture including the fixture and photocell 50-150 Watt HPS	\$ 220 . each
E1-19	Service call to replace HPS fixture including the fixture and photocell 250 Watt HPS	\$ 300 . each
	Prices below are installed prices including materials and labor- mast arms are 2 inch galvanized heavy duty mast arms.	
E1-20	3 foot mast arm w/hardware w/o fixture	\$ 175 .
E1-21	4 foot mast arm w/hardware w/o fixture	\$ 200 .
E1-22	6 foot mast arm w/hardware w/o fixture	\$ 250 .
E1-23	8 foot mast arm w/hardware w/o fixture	\$ 300 .
E1-24	10 foot mast arm w/hardware w/o fixture	\$ 325 .
E1-25	12 foot mast arm w/hardware w/o fixture	\$ 350 .
E1-26	Price add to E1-18 through E1-23 to include install supplied Fixture	125
E1-27	Install supplied fixture on existing mast arm single call out-warranty replacement	\$ 100 .
E1-28	Service call replace failed fixture/control w/commissioning Warranty Labor only	\$ 100 .
E1-29	Service call replace fixture/photocell w/o commissioning Warranty replacement	\$ 100 .
E1-30	Hourly Electrician labor rate with Bucket truck to install ancillary equipment (less than 15 lbs) on mast arm.	\$ 163 .
E1-31	Complete installation 6 ft. mast arm with wiring and supplied LED	\$ 300 .

	fixture and Control device on existing utility pole with commissioning. (New Install where there is no light currently. Provide sufficient pigtail for EVERSOURCE to connect to secondary line.)	
E1-32	Complete installation 6 ft. mast arm with internal wiring and supplied LED fixture and Control device on existing utility pole w/o commissioning. New install where no light currently exists. Provide sufficient Pigtail on power side for EVERSOURCE to make connection to secondary.	\$ <u>350</u> .
E1-33	Service call to replace failed photocell/control device with commissioning	\$ <u>100</u> . each
E1-34	Rewire fixture internally or change internal fixture setting	
E1-35	Replace photocell receptacle with approved ANSI 136.41 seven pin receptacle. Includes providing receptacle.	\$ <u>100</u> . each
E1-36	Install 35 ft aluminum pole of a quality as good or better than the US NSTAR specifications on existing foundation (Assume foundation is serviceable) with six foot mast arm and 150 watt HPS cobra head cutoff fixture	\$ <u>600</u> . each
E1-37	Transfer existing mast arm with fixture from old pole to replacement pole in connection with utility company pole replacement.	\$ <u>300</u> . each
E1-38	Remove broken non-utility wooden pole (assume approximately one to two feet of the old pole is left above ground as from a knockdown) and install new 35 foot wooden pole with standard six foot bracket and supplied LED fixture. Dispose of old pole.	\$ <u>1000</u> . each
E1-39	Labor to rewire defective mast arm wires and reconnect light fixture. Complete cost for labor, travel and equipment. Wire to be billed based on per foot price next item below. Price for this line does not include wire price.	\$ <u>100</u> . each
E1-40	Replace defective mast arm wires with appropriately rated wiring for up to 250 watt fixtures. Price is wire only.	\$ <u>25</u> . per foot
E1-41	Install approved Fuse holder and Fuse in connection with service call.	\$ <u>N/A</u> . each
E1-42	Service call price-cost to respond to a service call and trouble shoot the light with no work required at the scene	\$ <u>100</u> . each
E1-43	Deduct for labor to install a fuse holder and fuse for any service call where the fuse is already installed	-\$ <u>N/A</u> . each
E1-44	Standard Material Markup	<u>25</u> %

$$\begin{array}{r}
 5826 \times 3 = 17,478 \\
 25 \times 8 \quad \quad \quad 200' \\
 \hline
 17,678
 \end{array}$$

Total Comparative Bid Price components

The following section uses the above unit pricing to determine a total comparative price for the bid evaluation. Unit prices are multiplied by estimated work amounts and then the result is totaled to complete the Total Comparative Bid price.

Proposal Summary Refer to description/pricing above
Totals for each Item. Note the quantities listed are for evaluation purposes and are not a guarantee of work. They do reflect expected quantities in each year of service.

A1 ENERGY EFFICIENCY UPGRADES

Price per Town supplied LED fixture installed \$ 95.00 X 1116 lights =
\$ 106,020.00
with supplied photocell no commissioning (**do not include this price in Total
Comparative Price below**)

Price per supplied fixture installed \$ 95.00 X 1116 lights= \$ 106,020.00 (A)
with supplied control with commissioning (**use this number in computing Total
Comparative Price**)

Paragraphs B and C are intentionally omitted from this document.

D1 A EMERGENCY RESPONSE

Emergency Response assume 9 times over three years
Regular rate per trip \$ 160.00 X Nine times = \$ 1,440.00 (D1a)
Overtime Rate per trip \$ 220.00 X Nine times=
\$ 1,440.00

Extra Work and Unit Pricing

Item	Description	Price
E1-1	Journeyman Electrician/Lineman	\$ 110 . per hour
E1-2	Journeyman Electrician/Lineman – Overtime	\$ 130 . per hour
E1-3	Apprentice Electrician/Lineman	\$ 100 . per hour
E1-4	Apprentice Electrician/Lineman – Overtime	\$ 120 . per hour
E1-5	Lamp and Photocell Service Person	\$ 100 . per hour
E1-6	Laborer	\$ 100 . per hour
E1-7	Laborer – Overtime	\$ 120 . per hour
E1-8	Truck (35 to 40 foot insulated bucket truck)	\$ 30 . per hour
E1-9	Dump truck (2 to 3 yard)	\$ 50 . per hour
E1-10	Crane (5 to 10 ton)	\$ 150 . per hour
E1-11	Pole truck with pole auger	\$ 150 . per hour
	Extra Work Note E1-12 thru E1-19 apply to standard cobra head fixtures only and include labor and materials.	All prices below are installed prices inclusive of labor and materials
E1-12	Service call replace 35 to 150 watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures	\$ 80 .
E1-13	Service call replace 250-400w watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures and flood lights	\$ 100 .
E1-14	Service call to replace HPS starter (all Wattages)	\$ 100 .
E1-15	Service call to replace HID ballast (all Wattages, Voltages, types)	\$ 320 .
E1-16	Fuse (streetlight KTK) all fixtures	\$ N/A .
E1-17	Replace Cobra lens (dish or flat lens)	\$ 100 .
E1-18	Service call to replace HPS fixture including the fixture and photocell 50-150 Watt HPS	\$ 310 . each
E1-19	Service call to replace HPS fixture including the fixture and photocell 250 Watt HPS	\$ 320 . each
	Prices below are installed prices including materials and labor- mast arms are 2 inch galvanized heavy duty mast arms.	
E1-20	3 foot mast arm w/hardware w/o fixture	\$ 200 .
E1-21	4 foot mast arm w/hardware w/o fixture	\$ 200 .
E1-22	6 foot mast arm w/hardware w/o fixture	\$ 200 .
E1-23	8 foot mast arm w/hardware w/o fixture	\$ 225 .
E1-24	10 foot mast arm w/hardware w/o fixture	\$ 260 .
E1-25	12 foot mast arm w/hardware w/o fixture	\$ 260 .
E1-26	Price add to E1-18 through E1-23 to include install supplied Fixture	\$ 75.00
E1-27	Install supplied fixture on existing mast arm single call out-warranty replacement	\$ 100 .
E1-28	Service call replace failed fixture/control w/commissioning Warranty Labor only	\$ 300 .
E1-29	Service call replace fixture/photocell w/o commissioning Warranty replacement	\$ 200 .
E1-30	Hourly Electrician labor rate with Bucket truck to install ancillary equipment (less than 15 lbs) on mast arm.	\$ 140 .
E1-31	Complete installation 6 ft. mast arm with wiring and supplied LED	\$ 250 .

	fixture and Control device on existing utility pole with commissioning. (New Install where there is no light currently. Provide sufficient pigtail for EVERSOURCE to connect to secondary line.)	
E1-32	Complete installation 6 ft. mast arm with internal wiring and supplied LED fixture and Control device on existing utility pole w/o commissioning. New install where no light currently exists. Provide sufficient Pigtail on power side for EVERSOURCE to make connection to secondary.	\$ <u>250</u> . . .
E1-33	Service call to replace failed photocell/control device with commissioning	\$ <u>275</u> . . . each
E1-34	Rewire fixture internally or change internal fixture setting	\$ <u>250.00</u>
E1-35	Replace photocell receptacle with approved ANSI 136.41 seven pin receptacle. Includes providing receptacle.	\$ <u>200</u> . . . each
E1-36	Install 35 ft aluminum pole of a quality as good or better than the US NSTAR specifications on existing foundation (Assume foundation is serviceable) with six foot mast arm and 150 watt HPS cobra head cutoff fixture	\$ <u>2900</u> . . . each
E1-37	Transfer existing mast arm with fixture from old pole to replacement pole in connection with utility company pole replacement.	\$ <u>175</u> . . . each
E1-38	Remove broken non-utility wooden pole (assume approximately one to two feet of the old pole is left above ground as from a knockdown) and install new 35 foot wooden pole with standard six foot bracket and supplied LED fixture. Dispose of old pole.	\$ <u>2000</u> . . . each
E1-39	Labor to rewire defective mast arm wires and reconnect light fixture. Complete cost for labor, travel and equipment. Wire to be billed based on per foot price next item below. Price for this line does not include wire price.	\$ <u>250</u> . . . each
E1-40	Replace defective mast arm wires with appropriately rated wiring for up to 250 watt fixtures. Price is wire only.	\$ <u>1</u> . . . per foot
E1-41	Install approved Fuse holder and Fuse in connection with service call.	\$ <u>N/A</u> . . . each
E1-42	Service call price-cost to respond to a service call and trouble shoot the light with no work required at the scene	\$ <u>250</u> . . . each
E1-43	Deduct for labor to install a fuse holder and fuse for any service call where the fuse is already installed	-\$ <u>N/A</u> . . . each
E1-44	Standard Material Markup	<u>25</u> %

Total Comparative Bid Price components

The following section uses the above unit pricing to determine a total comparative price for the bid evaluation. Unit prices are multiplied by estimated work amounts and then the result is totaled to complete the Total Comparative Bid price.

**Proposal Summary Refer to description/pricing above
Totals for each Item. Note the quantities listed are for evaluation purposes and are not a guarantee of work. They do reflect expected quantities in each year of service.**

A1 ENERGY EFFICIENCY UPGRADES

Price per Town supplied LED fixture installed \$ 46.00 X 1116 lights =
\$ 51336
with supplied photocell no commissioning (**do not include this price in Total Comparative Price below**)

Price per supplied fixture installed \$ 55.00 X 1116 lights = \$ 61380 (A)
with supplied control with commissioning (**use this number in computing Total Comparative Price**)

Paragraphs B and C are intentionally omitted from this document.

D1 A EMERGENCY RESPONSE

Emergency Response assume 9 times over three years
Regular rate per trip \$ 225 X Nine times = \$ 2025 (D1a)
Overtime Rate per trip \$ 250 X Nine times=
\$ 2250

Extra Work and Unit Pricing

Item	Description	Price
E1-1	Journeyman Electrician/Lineman	\$ <u>146</u> . per hour
E1-2	Journeyman Electrician/Lineman – Overtime	\$ <u>176</u> . per hour
E1-3	Apprentice Electrician/Lineman	\$ <u>117</u> . per hour
E1-4	Apprentice Electrician/Lineman – Overtime	\$ <u>133</u> . per hour
E1-5	Lamp and Photocell Service Person	\$ <u>133</u> . per hour
E1-6	Laborer	\$ <u>133</u> . per hour
E1-7	Laborer – Overtime	\$ <u>154</u> . per hour
E1-8	Truck (35 to 40 foot insulated bucket truck)	\$ <u>146</u> . per hour
E1-9	Dump truck (2 to 3 yard)	\$ <u>133</u> . per hour
E1-10	Crane (5 to 10 ton)	\$ <u>133</u> . per hour
E1-11	Pole truck with pole auger	\$ <u>195</u> . per hour
	Extra Work Note E1-12 thru E1-19 apply to standard cobra head fixtures only and include labor and materials.	All prices below are installed prices inclusive of labor and materials
E1-12	Service call replace 35 to 150 watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures	\$ <u>92</u> .
E1-13	Service call replace 250-400w watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures and flood lights	\$ <u>92</u> .
E1-14	Service call to replace HPS starter (all Wattages)	\$ <u>132</u> .
E1-15	Service call to replace HID ballast (all Wattages, Voltages, types)	\$ <u>230</u> .
E1-16	Fuse (streetlight KTK) all fixtures	\$ N/A .
E1-17	Replace Cobra lens (dish or flat lens)	\$ <u>48</u> .
E1-18	Service call to replace HPS fixture including the fixture and photocell 50-150 Watt HPS	\$ <u>132</u> . each
E1-19	Service call to replace HPS fixture including the fixture and photocell 250 Watt HPS	\$ <u>145</u> . each
	Prices below are installed prices including materials and labor- mast arms are 2 inch galvanized heavy duty mast arms.	
E1-20	3 foot mast arm w/hardware w/o fixture	\$ <u>135</u> .
E1-21	4 foot mast arm w/hardware w/o fixture	\$ <u>135</u> .
E1-22	6 foot mast arm w/hardware w/o fixture	\$ <u>135</u> .
E1-23	8 foot mast arm w/hardware w/o fixture	\$ <u>197</u> .
E1-24	10 foot mast arm w/hardware w/o fixture	\$ <u>246</u> .
E1-25	12 foot mast arm w/hardware w/o fixture	\$ <u>405</u> .
E1-26	Price add to E1-18 through E1-23 to include install supplied Fixture	<u>73</u>
E1-27	Install supplied fixture on existing mast arm single call out-warranty replacement	\$ 73 ² <u>109</u> .
E1-28	Service call replace failed fixture/control w/commissioning Warranty Labor only	\$ <u>146</u> .
E1-29	Service call replace fixture/photocell w/o commissioning Warranty replacement	\$ <u>146</u> .
E1-30	Hourly Electrician labor rate with Bucket truck to install ancillary equipment (less than 15 lbs) on mast arm.	\$ <u>146</u> .
E1-31	Complete installation 6 ft. mast arm with wiring and supplied LED	\$ <u>232</u> .

	fixture and Control device on existing utility pole with commissioning. (New Install where there is no light currently. Provide sufficient pigtail for EVERSOURCE to connect to secondary line.)	
E1-32	Complete installation 6 ft. mast arm with internal wiring and supplied LED fixture and Control device on existing utility pole w/o commissioning. New install where no light currently exists. Provide sufficient Pigtail on power side for EVERSOURCE to make connection to secondary.	\$ <u>268</u> .__
E1-33	Service call to replace failed photocell/control device with commissioning	\$ <u>146</u> .__ each
E1-34	Rewire fixture internally or change internal fixture setting	<u>73</u>
E1-35	Replace photocell receptacle with approved ANSI 136.41 seven pin receptacle. Includes providing receptacle.	\$ <u>73</u> .__ each
E1-36	Install 35 ft aluminum pole of a quality as good or better than the US NSTAR specifications on existing foundation (Assume foundation is serviceable) with six foot mast arm and 150 watt HPS cobra head cutoff fixture	\$ <u>3,215</u> .__ each
E1-37	Transfer existing mast arm with fixture from old pole to replacement pole in connection with utility company pole replacement.	\$ <u>225</u> .__ each
E1-38	Remove broken non-utility wooden pole (assume approximately one to two feet of the old pole is left above ground as from a knockdown) and install new 35 foot wooden pole with standard six foot bracket and supplied LED fixture. Dispose of old pole.	\$ <u>906</u> .__ each
E1-39	Labor to rewire defective mast arm wires and reconnect light fixture. Complete cost for labor, travel and equipment. Wire to be billed based on per foot price next item below. Price for this line does not include wire price.	\$ <u>146</u> .__ each
E1-40	Replace defective mast arm wires with appropriately rated wiring for up to 250 watt fixtures. Price is wire only.	\$ <u>1.00</u> .__ per foot
E1-41	Install approved Fuse holder and Fuse in connection with service call.	\$ <u>N/A</u> .__ each
E1-42	Service call price-cost to respond to a service call and trouble shoot the light with no work required at the scene	\$ <u>146</u> .__ each
E1-43	Deduct for labor to install a fuse holder and fuse for any service call where the fuse is already installed	-\$ <u>N/A</u> .__ each
E1-44	Standard Material Markup	<u>10</u> %

Total Comparative Bid Price components

The following section uses the above unit pricing to determine a total comparative price for the bid evaluation. Unit prices are multiplied by estimated work amounts and then the result is totaled to complete the Total Comparative Bid price.

Proposal Summary Refer to description/pricing above

Totals for each Item. Note the quantities listed are for evaluation purposes and are not a guarantee of work. They do reflect expected quantities in each year of service.

A1 ENERGY EFFICIENCY UPGRADES

Price per Town supplied LED fixture installed \$ 91.94 X 1116 lights =
\$ 102,605.04
with supplied photocell no commissioning (do not include this price in Total Comparative Price below)

Price per supplied fixture installed \$ 94.86 X 1116 lights = \$ 105,863.76 (A)
with supplied control with commissioning (use this number in computing Total Comparative Price)

Paragraphs B and C are intentionally omitted from this document.

D1 A EMERGENCY RESPONSE

Emergency Response assume 9 times over three years
Regular rate per trip \$ 146 X Nine times = \$ 1,314 (D1a)
Overtime Rate per trip \$ 176 X Nine times =
\$ 1,584

Extra Work and Unit Pricing

Item	Description	Price
E1-1	Journeyman Electrician/Lineman	\$ 94 .00 per hour
E1-2	Journeyman Electrician/Lineman – Overtime	\$ 125 .00 per hour
E1-3	Apprentice Electrician/Lineman	\$ 79 .00 per hour
E1-4	Apprentice Electrician/Lineman – Overtime	\$ 110 .00 per hour
E1-5	Lamp and Photocell Service Person	\$ 94 .00 per hour
E1-6	Laborer	\$ 80 .00 per hour
E1-7	Laborer – Overtime	\$ 110 .00 per hour
E1-8	Truck (35 to 40 foot insulated bucket truck)	\$ 42 .00 per hour
E1-9	Dump truck (2 to 3 yard)	\$ 47 .00 per hour
E1-10	Crane (5 to 10 ton)	\$ 75 .00 per hour
E1-11	Pole truck with pole auger	\$ 65 .00 per hour
	Extra Work Note E1-12 thru E1-19 apply to standard cobra head fixtures only and include labor and materials.	All prices below are installed prices inclusive of labor and materials
E1-12	Service call replace 35 to 150 watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures	\$ 215 .00
E1-13	Service call replace 250-400w watt bulb and standard photocell labor plus material. HPS, MV, MH fixtures and flood lights	\$ 225 .00
E1-14	Service call to replace HPS starter (all Wattages)	\$ 200 .00
E1-15	Service call to replace HID ballast (all Wattages, Voltages, types)	\$ 265 .00
E1-16	Fuse (streetlight KTK) all fixtures	\$ N/A
E1-17	Replace Cobra lens (dish or flat lens)	\$ 230 .00
E1-18	Service call to replace HPS fixture including the fixture and photocell 50-150 Watt HPS	\$ 500 .00 each
E1-19	Service call to replace HPS fixture including the fixture and photocell 250 Watt HPS	\$ 550 .00 each
	Prices below are installed prices including materials and labor- mast arms are 2 inch galvanized heavy duty mast arms.	
E1-20	3 foot mast arm w/hardware w/o fixture	\$ 250 .00
E1-21	4 foot mast arm w/hardware w/o fixture	\$ 250 .00
E1-22	6 foot mast arm w/hardware w/o fixture	\$ 275 .00
E1-23	8 foot mast arm w/hardware w/o fixture	\$ 485 .00
E1-24	10 foot mast arm w/hardware w/o fixture	\$ 525 .00
E1-25	12 foot mast arm w/hardware w/o fixture	\$ 550 .00
E1-26	Price add to E1-18 through E1-23 to include install supplied Fixture	50.00
E1-27	Install supplied fixture on existing mast arm single call out-warranty replacement	\$ 285 .00
E1-28	Service call replace failed fixture/control w/commissioning Warranty Labor only	\$ 285 .00
E1-29	Service call replace fixture/photocell w/o commissioning Warranty replacement	\$ 275 .00
E1-30	Hourly Electrician labor rate with Bucket truck to install ancillary equipment (less than 15 lbs) on mast arm.	\$ 135 .00
E1-31	Complete installation 6 ft. mast arm with wiring and supplied LED	\$ 375 .00

	fixture and Control device on existing utility pole with commissioning. (New Install where there is no light currently. Provide sufficient pigtail for EVERSOURCE to connect to secondary line.)	
E1-32	Complete installation 6 ft. mast arm with internal wiring and supplied LED fixture and Control device on existing utility pole w/o commissioning. New install where no light currently exists. Provide sufficient Pigtail on power side for EVERSOURCE to make connection to secondary.	\$ 365 .00
E1-33	Service call to replace failed photocell/control device with commissioning	\$ 256 .00 each
E1-34	Rewire fixture internally or change internal fixture setting	\$ 135.00 each
E1-35	Replace photocell receptacle with approved ANSI 136.41 seven pin receptacle. Includes providing receptacle.	\$ 145.00 each
E1-36	Install 35 ft aluminum pole of a quality as good or better than the US NSTAR specifications on existing foundation (Assume foundation is serviceable) with six foot mast arm and 150 watt HPS cobra head cutoff fixture	\$ 2825 .00 each
E1-37	Transfer existing mast arm with fixture from old pole to replacement pole in connection with utility company pole replacement.	\$ 175 .00 each
E1-38	Remove broken non-utility wooden pole (assume approximately one to two feet of the old pole is left above ground as from a knockdown) and install new 35 foot wooden pole with standard six foot bracket and supplied LED fixture. Dispose of old pole.	\$ 2150 .00 each
E1-39	Labor to rewire defective mast arm wires and reconnect light fixture. Complete cost for labor, travel and equipment. Wire to be billed based on per foot price next item below. Price for this line does not include wire price.	\$ 275 .00 each
E1-40	Replace defective mast arm wires with appropriately rated wiring for up to 250 watt fixtures. Price is wire only.	\$.75 per foot
E1-41	Install approved Fuse holder and Fuse in connection with service call.	\$ N/A . each
E1-42	Service call price-cost to respond to a service call and trouble shoot the light with no work required at the scene	\$ 256 .00 each
E1-43	Deduct for labor to install a fuse holder and fuse for any service call where the fuse is already installed	-\$ N/A . each
E1-44	Standard Material Markup	7.5 %

Total Comparative Bid Price components

The following section uses the above unit pricing to determine a total comparative price for the bid evaluation. Unit prices are multiplied by estimated work amounts and then the result is totaled to complete the Total Comparative Bid price.

Proposal Summary Refer to description/pricing above
Totals for each Item. Note the quantities listed are for evaluation purposes and are not a guarantee of work. They do reflect expected quantities in each year of service.

A1 ENERGY EFFICIENCY UPGRADES

Price per Town supplied LED fixture installed \$ 76.00 X 1116 lights =
\$ 84,816.00
with supplied photocell no commissioning (**do not include this price in Total Comparative Price below**)

Price per supplied fixture installed \$ 81.00 X 1116 lights= \$ 90,396.00 (A)
with supplied control with commissioning (**use this number in computing Total Comparative Price**)

Paragraphs B and C are intentionally omitted from this document.

D1 A EMERGENCY RESPONSE

Emergency Response assume 9 times over three years
Regular rate per trip \$ 256 X Nine times = \$ 2304.00 (D1a)
Overtime Rate per trip \$ 318.85 X Nine times=
\$ 2869.65