



February 6, 2019

Mr. John Ingram/Mr. Rich Rittenbacher
Public Works Director/Streets Operation Manager
Village of Orland Park
15655 Ravinia Avenue
Orland Park, IL 60464

Re: Orland Park LED Street Lighting Upgrade

Mr. Ingram & Mr. Rittenbacher,

Per our conversation, CTS has provided the following proposal for assisting the Village of Orland Park with additional LED Street Lighting Upgrades:

Option #1: La Grange Road – LED Street Lighting Upgrade Proposal:

- CTS will provide the following:
 - Purchase of 265 GE Evolve Cobra Heads LED Replacement Fixtures. Village will provide installation.
 - Two hundred sixty-five (265) @ 120 Watts each
 - 4000K, 7-pin receptacle, 120-277V, 10 Year warranty
 - OPTIONS: internal bubble level, IP66 optical, tool-less entry, secondary enhanced surge protection (10kV/5kA)
 - IDOT Permitting Documentation
 - Grant Submittal through Com-ed
 - Note: Utilized \$330/fixture, which is subject to Will Group current pricing and IDOT final approval.
 - Items excluded: Installation

Annual Energy Savings	\$ 29,953.00
Annual Maintenance Savings	\$ 8,036.00
Total Annual Savings	\$ 37,989.00

Total Estimated Com-ed Incentives \$ 45,712.00

CTS Equipment Costs with 10% markup	\$ 96,195.00
CTS Grant & Permitting Assistance	\$ 12,600.00

Total CTS Change Order Add Cost \$108,795.00
 Simple Payback \$ 1.66

Option #2: 159th Street – LED Street Lighting Upgrade Proposal:

- CTS will provide the following:
 - Purchase of 129 GE Evolve Cobra Heads LED Replacement Fixtures. Village will provide installation.
 - One hundred twenty-nine (129) @ 120 Watts each
 - 4000K, 7-pin receptacle, 120-277V, 10 Year warranty
 - OPTIONS: internal bubble level, IP66 optical, tool-less entry, secondary enhanced surge protection (10kV/5kA)
 - IDOT Permitting Documentation
 - Coordination meetings with Orland Park, Orland Hills, and Tinley Park as needed.
 - Grant Submittal through Com-ed
 - Note: Utilized \$330/fixture, which is subject to Will Group current pricing and IDOT final approval.
 - Items Excluded: Installation

Annual Energy Savings	\$14,580.00
Annual Maintenance Savings	\$ 3,912.00
Total Annual Savings	\$18,492.00
Total Estimated Com-ed Incentives	\$22,252.00
CTS Grant & Permitting Assistance	\$ 7,200.00
Total CTS Change Order Add Cost	\$ 7,200.00

Option #3: 179th Street – LED Street Lighting Upgrade Proposal:

- CTS will provide the following:
 - Purchase of 14 GE Evolve Cobra Heads LED Replacement Fixtures. Village will provide installation.
 - Fourteen (14) @ 120 Watts each
 - 4000K, 7-pin receptacle, 120-277V, 10 Year warranty
 - OPTIONS: internal bubble level, IP66 optical, tool-less entry, secondary enhanced surge protection (10kV/5kA)
 - IDOT Permitting Documentation
 - Grant Submittal through Com-ed
 - Note: Utilized \$330/fixture, which is subject to Will Group current pricing and IDOT final approval.
 - Items Excluded: Installation

Annual Energy Savings	\$ 1,582.00
Annual Maintenance Savings	\$ 424.00
Total Annual Savings	\$ 2,006.00
Total Estimated Com-ed Incentives	\$ 2,415.00
CTS Equipment Costs with 10% markup	\$ 5,082.00
CTS Grant & Permitting Assistance	\$ 1,400.00
Total CTS Change Order Add Cost	\$ 6,482.00
Simple Payback	\$ 2.03

Please contact me if you have any questions or need additional information. Thanks again.

Sincerely,

Michele A. James
CTS Account Manager
773.633.0691 (p)
mjames@ctsgroup.com