

CLERK'S CONTRACT and AGREEMENT COVER PAGE

Legistar File ID#:

Innoprise Contract #:

Year: 2019

Amount:

Department:

Public Works/Building Maintenance

Contract Type:

Design-Build Master

Contractors Name:

Control Technology & Solutions (CTS Group)

Contract Description:

Design-Build Energy Performance Contracting-Phase III

C19-0020 SPLEX HVAC PH I \$805,685

C19-0045 Amendment 1 - LED Street Lighting 2019 \$122,477



Control Technology & Solutions

15933 Clayton Rd., Suite 110
St. Louis, MO 63011
Phone: (636) 230-0843
Fax: (636) 230-5886

Contract Addendum #1

To: Village of Orland Park
14700 S. Ravinia Avenue
Orland Park, IL 60462
Project: Village of Orland Park, PH III

RFC No: 1
Date: 3/20/2019
Description: LED Streetlighting Upgrade 2019. The attached lighting scope of work is separate from the Sportsplex contract and will be billed with a different PO number.

The above work is subject to the same conditions as specified in the original contract unless otherwise stipulated.

Upon approval the sum of \$122,477.00 will be added to the contract price.

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| Original Contract | \$805,685.00 |
| Other Approved Change Orders | \$0.00 |
| Total Contract to Date | \$805,685.00 |
| This Request | \$122,477.00 |
| Other Pending Requests | \$0.00 |
| Total Contract plus Pending RFCs | \$928,162.00 |

Authorized Signature:  Date: 4-2-19
Control Technology & Solutions

Authorized Signature:  Date: 3/25/19
Village of Orland Park

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

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| Annual Energy Savings | \$ 29,953.00 |
| Annual Maintenance Savings | \$ 8,036.00 |
| Total Annual Savings | \$ 37,989.00 |
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| Total Estimated Com-ed Incentives | \$ 45,712.00 |
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| 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:
 - Grant Submittal through Com-ed & IDOT Permitting Documentation for:
 - 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)
 - Coordination meetings with Orland Park, Orland Hills, and Tinley Park as needed.
 - Note: Utilized \$330/fixture, which is subject to Will Group current pricing and IDOT final approval.
 - Items Excluded: Purchase and Installation

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| Annual Energy Savings | \$14,580.00 |
| Annual Maintenance Savings | \$ 3,912.00 |
| Total Annual Savings | \$18,492.00 |
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| Total Estimated Com-ed Incentives | \$22,252.00 |
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| 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

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| Annual Energy Savings | \$ 1,582.00 |
| Annual Maintenance Savings | \$ 424.00 |
| Total Annual Savings | \$ 2,006.00 |
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| 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 |