
AGENDA ITEM SUMMARY

Subject: Water Tower Lighting – Phase 2

Background Summary:

In June 2021, we added two lights to the Corporate Drive water tower. The two lights now illuminate the “CHARLES CITY” lettering. There has been discussion of adding two additional lights, 90 degrees off of the current two, so that the entire tower is lit up- including the new city logos.

We feel that the “CHARLES CITY” wording could use more lighting power. We are proposing that we move the two existing lights around to illuminate the city logo with one light each and that the additional four lights in this proposal be used to put two lights on each “CHARLES CITY” The two lights on a pole would effectively double these lumens:

For 1 fixture:

- Red - 5500 lumens
- Green – 9000 lumens
- Blue – 4100 lumens

The controls that we initially purchased are able to control the additional lights. This would allow us to control/change all of the lights for a light show. (Christmas, 4th of July). Each light pole would operate on its own for a maximum of four different colors at once. We still only have the option of 8 different colors/programs in the controller. Right now, they are Blue, Orange, Pink, Red, Thanksgiving, Christmas, Patriotic, and White.

Attached are the quotes from MUSCO for the equipment (2 or 4 lights) and from Perry Novak Electric for the installation and labor. We worked with both of these companies for the initial install.

2-lights

Musco - \$12,800
Perry Novak - \$14,800
Total: \$27,600

4-lights

Mucso - \$17,800
Perry Novak - \$14,800
Total: \$32,600

Original Project from 2021 was \$45,500

Quote

Date: 1-10-2022

Project: Charles City Water Tower Addition
Charles City, IA
Ref: 217018

Quotation Price – Materials Only Delivered to Job Site

Water Tower Lighting\$12,800

*Sales tax, bonding, labor, and unloading of the equipment are not included.
Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.*

Light-Structure System with Total Light Control – TLC for LED™ technology

System Description: Equipment for (2) New Locations

- (2) 12' direct-bury Galvanized steel poles
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- (2) Factory wired poletop luminaire assemblies
- (2) 80-LED Color-changing Factory aimed and assembled luminaires
- UL Listed as a complete system
- Fixtures will hook up to existing controls system

Operation and Warranty Services

- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for 10 years
- Support from Musco's Lighting Services Team – over 170 Team members dedicated to operating and maintaining your lighting system – plus a network of 1800+ contractors

Project Management Services Provided

Experienced project manager on site during crucial periods of installation

Payment Terms

Musco's Credit Department will provide payment terms.

Delivery Timing

8 - 12 weeks for delivery of materials to the job site from the time of order, submittal approval, and confirmation of order details including voltage, phase, and pole locations.

Due to the built-in custom light control per luminaire, pole locations need to be confirmed prior to production. Changes to pole locations after the product is sent to production could result in additional charges.

Notes

Quote is based on:

- Shipment of entire project together to one location
- Structural code and wind speed = IBC 2018, 115 MPH



Quote

- Owner is responsible for getting electrical power to the site, coordination with the utility, and any power company fees
- Standard soil conditions – rock, bottomless, wet or unsuitable soil may require additional engineering, special installation methods and additional cost
- Confirmation of pole locations prior to production

Thank you for considering Musco for your lighting needs. Please contact me with any questions.

Trey Rowland
Key Accounts Specialist
Musco Lighting
Office: 641-673-2184
Mobile: 641-638-1161
E-mail: trey.rowland@musco.com



Date: 3-2-2022

Project: Charles City Water Tower Addition
Charles City, IA
Ref: 217018

Quotation Price – Materials Only Delivered to Job Site

Water Tower Lighting\$17,800

*Sales tax, bonding, labor, and unloading of the equipment are not included.
Pricing furnished is effective for 60 days unless otherwise noted and is considered confidential.*

Light-Structure System with Total Light Control – TLC for LED™ technology

System Description: Equipment for (2) New Locations

- (2) 15’ direct-bury Galvanized steel poles
- Factory wired and tested remote electrical component enclosures
- Pole length, factory assembled wire harnesses
- (2) Factory wired poletop luminaire assemblies
- (4) 80-LED Color-changing Factory aimed and assembled luminaires
- UL Listed as a complete system
- Fixtures will hook up to existing controls system

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Perry Novak Electric Inc

2727 Locust Rd
Decorah, IA 52101

Phone: (563) 382-2179
Fax: (563) 382-9877



Quote

Quote No	Quote Date
469	02/08/2022

Salesperson
Jesse Emanuel

Customer

CHARLES CITY HALL
105 MILWAUKEE MALL
CHARLES CITY, IA 50616

Work to be Performed at

CHARLES CITY WATER DEPT
1709 INDIANA AVE
CHARLES CITY, IA 50616

Contact: CORY SPIEKER
Phone: (641) 257-6315 Cell: (641) 426-8188
Fax:
Email: CORY@CITYOFCHARLESCITY.ORG

Work Requested

Estimate for adding 2 more customer provided Musco lights at the South Water Tower. Scope of work to include: trenching, laying conduit in trench, auger and set pole bases, ground lighting to specs, set new lights and poles, pull wire, terminate and test.

Tax not included

Qty	Description	Amount
1.00	Material	4,500.00
1.00	Labor	6,300.00
1.00	Trenching/Equipment/Misc	4,000.00

Pricing is good for 30 days. Thank you.

Quote Total: 14,800.00