



To: GP Water
Attn: Greg Holman
Re: Water Tower lights interior and exterior
Date: 3.25.19

The following is our proposal for the following electrical work located at Grand Prairie Water Towers to replace the existing lights with LED.

We have included the following work:

Exterior lights:

Terminal Storage Tower:

- ☐ Remove (2) pole mounted flood lights
- ☐ Provide (2) new LED pole mounted flood lights equal to 1000 watt
- ☐ Remove (1) building mounted flood light
- ☐ Provide (1) new LED building mounted flood light equal to 400 watt
- ☐ Remove (1) wall pack light over the front entry door
- ☐ Provide (1) new LED wallpack light over front door entry equal to 100 watt
- ☐ Provide lift rental for the pole lights and the one building flood light.
- ☐ Haul off and dispose of old lights.

109th Street Tower

- ☐ **Remove (14) Flood Lights on top of Tower**
- ☐ Provide (14) new LED flood lights equal to 400 watt on top of Tower
- ☐ Provide additional personnel for confined space into Tower
- ☐ File rescue plan with the Grand Prairie Fire Department
- ☐ Provide (1) new LED flood light equal to 400 watt mounted on building facing the Generator. Control light with photocell.
- ☐ Haul off and dispose of old lights.

Matthew Road Tower:

- ☐ Remove (2) ground pedestal mounted flood lights.
- ☐ Provide (2) new LED flood lights equal to 1000 watt mounted on the same pedestals.
- ☐ Haul off and dispose of old fixtures.

Peninsula Tower:

- ☐ Remove (2) sport lighter flood lights and (1) area flood light from (2) existing poles.
- ☐ Provide (2) new LED flood lights equal to 1000 watt and (1) new LED area flood light equal to 400 watt on the (2) existing poles.
- ☐ Provide (1) new LED flood light equal to 400 watt mounted on building above the roll up door.
- ☐ Provide conduit and wire for the new light over the roll up door
- ☐ Provide Lift rental.

Interior Lights:

The following is our proposal for the following electrical work located at Several water towers for the Grand Prairie Water Department to replace their interior lighting with LED. All fixtures are type Lithonia OLVTWM M6. Each tower is considered a confined space and requires (1) Journeyman and (2) apprentice for each location.

We have included the following work:

- ☐ **109th tower** replace (5) existing fixtures with new LED fixtures
 - (5) Fixtures
 - Labor Journeyman 16 hrs
 - Labor (2) apprentice 32 hrs.
- ☐ **Bowles tower** replace (9) existing fixtures with new LED fixtures
 - (9) Fixtures
 - Labor Journeyman 16 hrs.
 - Labor (2) apprentice 32 hrs.
- ☐ **Traders tower Could not get into tower; Assume**
 - (5) Fixtures
 - Labor Journeyman 16 hrs.
 - Labor (2) apprentice 32 hrs.

- ☐ **Peninsula tower** replace (9) existing fixtures with new LED fixtures
 - (9) Fixtures
 - Labor Journeyman 16 hrs.
 - Labor (2) apprentice 32 hrs.
- ☐ **We have included harness work for the fixtures mounted up along the ladders inside of each water tower.**
- ☐ **The new fixtures will be mounted to the existing fixture boxes.**

We have excluded the following work:

- ☐ Sales Tax
- ☐ Cost of Permit
- ☐ Warranty of existing electrical work
- ☐ Access panels (provide or installed)
- ☐ Cutting or patching of sheetrock, plaster, etc.
- ☐ Painting and priming of any kind

Total Bid Price:	\$33,509.92	Material
	\$3,000.00	Lift Rental
	\$5,476.49	15% Contractor Markup
	\$16,254.25	Journeyman Hrs. x \$39.50x 411.5 hrs.
	\$14,027.25	Apprentice Hrs. x \$29.50 x 475.5 hrs.
	<u>\$1,020.00</u>	Master Hrs. x \$85.00 (rescue plan) x 12hrs.
	\$73,287.91	Total Estimate



Best Regards,
George – McKenna Electrical Contractors, Inc.

Don Davis

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Approved By _____

Purchase Order _____

Date Approved _____

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