Rod.

Here's a few notes I thought you might like to look over for this project.

- This LED upgrade will qualify for a NIPSCO rebate. The rebates will be handled upon completion of the project and we can help with any paperwork. The average amount of rebate is based on the number and size of fixtures that is changed to LED. The rebate for a project of the size will be substantial. I cannot give you an exact amount until the project is finished, but from my quick calculations you should be somewhere in the ballpark of $25,000.00-30,000.00. The rebates normally take 60 days upon project completion to get back.

- Changing out an existing lighting volume of this size to LED technology is going to save you a lot in monthly expenses. You will see a substantial monthly savings, up to 70%, in your electricity costs to NIPSCO.

- Each existing light fixture will now be direct line voltage wired to sockets. Which means that there will no longer be a ballast needed inside the fixtures to run the lamp. This eliminates a lot of money in future costs of material and labor to change out ballasts.

- The new LED technology has a rating of 50,000 hours per lamp.

- All the exterior LED lamps that are quoted here are outdoor and wet location rated.

- I included some extra lamps for each location of the (3) different proposals for stock.

- I included a $1,000.00 cost credit if we would be able to use your golf carts or the Gator when working on the exterior park lighting.

- An LED upgrade of this size will take roughly 12/14 months to pay itself off.

- I excluded the bench/seat style light fixtures on the West side of the walking trail in the park. I cannot honestly quote those without actually getting into them. I can work those on a T/M or separate proposal if you'd like.

**Please feel free to contact me with any questions or concerns.**

**Thank you once again for this opportunity sir.**

**Respectfully yours,**
**Adam.**

September 13, 2018

Rod.

Here's the list of each existing lamp wattage compared with the new LED lamp wattage.

Job #1- Centennial Maintenance Building Lighting:

- EXISTING 400watt M.H./NEW LED uses 150watts (2 Lamps total)
- EXISTING 250watt M.H./NEW LED uses 85watts (21 Lamps total)
- EXISTING 100watt M.H./NEW LED uses 30watts (4 Lamps total)
- EXISTING 70watt M.H./NEW LED uses 20watts (16 Lamps total)
- EXISTING F32-T8, 4' LAMPS 36watts/NEW LED uses 12.5watts (60 Lamps total)
- EXISTING EXIT LIGHTS 12watt/NEW LED EXIT LIGHTS uses 3.8watt (3 total)

Total existing wattage = 9,766watts from all EXISTING LIGHTING.

NEW LED wattage = 3,286.4watts from all NEW LED LIGHTING.

**Job #2- Centennial Park Interior Lighting:**

- **EXISTING 250watt M.H./NEW LED uses 85watts (12 Lamps total)**
- **EXISTING 100watt M.H/NEW LED uses 30watts (14 Lamps total)**
- **EXISTING 4-pin cans 18watt/NEW LED uses 6watts (305 Lamps total)**
- **EXISTING F32-T8, 4' LAMPS 36watts/NEW LED uses 12.5watts (340 Lamps total)**

**Total existing wattage = 22,130watts from all EXISTING LIGHTING.**

**NEW LED wattage = 7,520watts from all NEW LED LIGHTING.**

**Job #3- Centennial Park Exterior Lighting:**

- **EXISTING 400watt M.H./NEW LED uses 150watts (26 Lamps total)**
- **EXISTING 150watt M.H./NEW LED uses 40watts (38 Lamps total)**
- **EXISTING 100watt M.H./NEW LED uses 30watts (64 Lamps total)**
- **EXISTING 70watt M.H./NEW LED uses 20watts (62 Lamps total)**

**Total existing wattage = 26,840watts from all EXISTING LIGHTING.**

**NEW LED wattage = 8,580watts from all NEW LED LIGHTING.**

I hope this helps out and shows how much power consumption you would be saving.

Let me know if you have any questions or concerns, or if there's anything else that I can do for you sir.

Thank you,
Adam.

Adam Hayden
Superintendent
Midwestern Electric Inc.
Cell 219 808 4889
Email ahayden@midwesternelectricinc.com