

November 14, 2024

Quote #: Q-108631

Timothy Kopacz
City of Aurora
44 E Downer Place
Aurora IL 60507
United States

RE: REP Phase 2- Low Voltage and Electrical
Rework

Mr Kopacz,

Thank you for the opportunity to submit the following proposal for the project referenced above.

SCOPE

DEMO

1. Map out and confirm all electrical, fiber optic, audio and lighting ducts in construction areas.
2. Coordinate with Electrical contractor for full scope of project and design process for demo and reinstall.
3. Demo all fiber, CAT6, audio and electrical wiring throughout construction areas.
4. Take down approx. (4) green RC cabinets, load and store.
5. Remove existing HH's in construction area for possible reuse.

Fiber Backbone Cutover

1. Julie route and establish location of all utilities.
2. Furnish and install 450' of 5" poly conduit between HH's.
3. Furnish and install approx. 450' of (3) 1.25" poly duct with tracer and pull rope via directional bore.
4. Penetrate (2) HH's. 31-1.1 and 31-1.4.
5. Furnish and install approx. 600' of 144ct OSP SM FOC from existing HH 31-1.1 to HH 31-1.4 with slack coils in each HH.
6. At each HH, pull new back bone 144ct cable into trailer, add a 450D case and prep into new case.
7. After hours, cut existing 144ct backbone, prep tail into case and perform (2) butt splices of (288) fibers,
8. Demo 500' of old 144ct backbone cable between holes.
9. Call COA and confirm all circuits are back up.
10. Update SEP's for both HH's.
11. Clean up and remove all debris associated.
12. Provide as-builts upon completion

Backstage Building

1. Furnish and install 1.25" poly duct with tracer and pull rope via directional bore/trench to new building from existing HH outside the stage data room.
2. Demo existing fiber from Stage VIP Room to COS Nema box.
3. Furnish and install new loaded panel in new building rack.
4. Furnish and install new 12ct OSP SM FOC from VIP Room panel to new building panel.
5. Prep cables and perform fusion splicing of all fibers in the new panel and existing panels.
6. Perform Power Meter testing of fibers between VIP Room panel and new panels.
7. Create new SEP's for for building panel and update existing.

8. Demo existing CAT6 feeds to COS building cameras/APs.
9. Connect CAT6 conduits to new building.
10. Furnish and install new CAT6 cabling for COS building cameras/APS.
11. Clean up and remove all debris associated.
12. Provide as-builts upon completion.

South Construction/Install

1. Furnish and install all 1", 1.25", and 2" innerduct for rerouting site fiber, Jumbotron fiber, Cam/AP copper, Speaker audio and electrical lines throughout park.
2. Install RC Cabinets in locations TBD.
3. Furnish and install approx. (8) new 30x48" HH's.
4. Furnish and install new electrical wiring for (8) RC cabinets.
5. Furnish and install audio wiring for park speakers.
6. Furnish and install CAT6 cables for all relocated and new AP/CAM locations.
7. Provide as-builts upon completion

Park Fiber

1. Furnish and install new 288ct SM FOC from Beverage Building data room to new case at HH 31-1.4.
2. Furnish and install new loaded panel in Beverage building rack.
3. Furnish and install new 12ct SM FOC laterals for final RC locations.
4. Terminate 288ct in Beverage building and 12cts to the 288ct tail at 31-1.4.
5. Furnish and install 12ct fiber from Beverage Building to each new building for AV connections.
6. Furnish and install (3) loaded panels for AV fiber at new buildings.
7. Terminate and test all AV fiber
8. Furnish and install (2) 12ct fibers for new Jumbo Tron locations.
9. Furnish and install (2) loaded panels for Jumbo Tron fiber.
10. Terminate and test Jumbo Tron fiber.
11. Provide as-builts upon completion

Description	Hours / Qty	Unit	Rate	Cost
Project Manager	200	Hours	\$105.00	\$21,000.00
Foreman Labor- Fiber/CAT6/Audio	320		\$140.00	\$44,800.00
Technician Labor- Fiber/CAT6/Audio	640		\$125.00	\$80,000.00
Kane County - Pick-up Truck	920	Hours	\$15.00	\$13,800.00
Kane County - Fiber Optic Capstan Winch	32	Hours	\$20.00	\$640.00
Kane County - Mass Fusion Splicer	80	Hours	\$20.00	\$1,600.00
Kane County - Power Meter	120	Hours	\$10.00	\$1,200.00
Kane County - Utility Truck	40	Hours	\$35.00	\$1,400.00
Outdoor Armored SM Ribbon Fiber Optic Cable/ CAT6/ AV Cable, connectors and pull line.	1	Each	\$56,750.00	\$56,750.00

Description	Hours / Qty	Unit	Rate	Cost
Fiber panels/enclosures, pigtails, bulkheads, trays and associated hardware and consumables.	1	Each	\$9,600.00	\$9,600.00
Construction Scope- boring, poly placement for power, fiber, cameras, AP's and AV, HH's and locate peds.	1	Each	\$216,000.00	\$216,000.00
Electrical Scope- demo of existing RC power cables, furnish, install and terminate new design.	1	Each	\$297,250.00	\$297,250.00
Sub Total:				\$744,040.00
Equipment & Labor Total:				\$744,040.00

NOTES

- overtime or weekend work included for cutover
- Obstruction removal at applicable T&M rates
- Does not include any ComEd scope if necessary.
- GC contractor to remove Light Pole and RC cabinet foundations.
- Restoration done by others.

We appreciate the opportunity to provide your company with a proposal and hope to work with you on this project. Should you have any questions or if we can be of further assistance, please call me at the number below.

Sincerely,

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