



To: Board of Parks and Recreation  
From: Mark Heintz – Director of Parks and Recreation  
Date: December 20, 2022  
Re: Fiber Optics Connection to Community Park

---

**Background:**

The Town has been implementing the use of technology to make use of it and to implement efficiencies. Over the years, wireless antenna signals have carried data from facilities at Community Park to an antenna on top of Community Hospital where it tied into the Town's network system to relay information. As time has passed, we have added more and more items needing to be connected to that system such as pool and press box washroom video cameras, use of credit card processors at concession stands, network connections to the pool computers, low temperature/high water monitors inside washrooms, the pool pump house and concession stands, and our door entry system to remotely program doors to lock/unlock or for access via the various leagues using that park.

In the last two years, we've had infrequent connection in the system which is believed to be caused by the amount of data we're trying to transmit and due to the growth of trees at the park which was blocking the previously unimpaired line of sight from between antennae. Since August, we have had no connection for these things as we tried troubleshooting with help from the Town's IT contractor.

The Town's IT contractor mentioned that a fiber connection to the park would allow for these issues to have the consistent connection they need, and it would also allow for further technology connections in the future.

A request for proposals was prepared and sent out for quotes from three local businesses. The proposal is for fiber lines to be brought to Triple Play Café, the Social Center, and the Munster Community Pool from the main fiber backbone on the west side of Calumet Avenue. One quote was submitted. That quote was from Midwestern Electric. The work would be completed by March 10, 2023, per the RFP. This project was included as part of the Town's 2022 general obligation bond issue and is within that budgeted amount.

**Recommendation:**

Staff is recommending the award of this project to Midwestern Electric at a cost of \$81,400 to bring fiber optics to Community Park.



# MIDWESTERN ELECTRIC, LLC

1620 EAST CHICAGO AVENUE - EAST CHICAGO, IN 46312  
Phone: 219-397-4444 - Fax: 219-397-8888  
ELECTRICAL CONTRACTOR

December 2, 2022

Mr. Mark Heintz  
Director Parks and Recreation  
Munster Town Hall  
1005 Ridge Road  
Munster, IN 46321

**Re: Underground Fiber optic Cable Installation**

Mr. Heintz,  
Per your request, we hereby submit the following information as a requirement for our bid submission for the referenced project.

**Cover :**

Midwestern Electric is an Electric Contractor based in East Chicago Indiana with our primary work being performed for Government Agencies in the installation of multiple infrastructure types. We are experienced in the type of work described in the RFP and are confident in a successful completion of that project.

Raymond Russell  
1620 East Chicago Ave  
East Chicago.  
rrussell@midwestern-electric.com  
219-397-4444

**Schedule:**

After award we will begin to arrange a preconstruction with the relevant parties. Permits will be pulled and materials will be ordered after materials have been approved.

Construction will begin 4 weeks after the preconstruction. The Construction should take 4 weeks to complete and weather permitting will be completed by March 10, 2023.

**Previous experience:**

We have completed projects of similar size and scope for the following agencies:

City of East Chicago

INDOT

City of Hammond

Town of Munster

References are available upon request.

**Insurance and Permits:**

All required permits and Insurance as outlined in the RFQ will be secured.

**Additional Information:**

Midwestern Electric LLC is Licensed in the Town of Munster and is prequalified with INDOT for work in Indiana.

**Scope:**

Midwestern Electric LLC proposes to furnish the material and labor to complete the work as outlined in the advertised RFP.

The following is a description of the work and is accompanied by a map outlining the overall scope, all materials and methods will meet or exceed current NEC and Indot Standards.

Directional Bore (1) 2" HDPE Conduits from West Side of Calumet Ave to Triple Play Cafe, the Social Center and the Pool. Daylight Utilities with Hydro Excavator.

Traffic Control/Lane Closures for Calumet Ave as needed for Day lighting utilities.

Install (1) 30" x 48" Quazite Box In Grass area Just East of Lions Club Drive for a pull point and future expansion.

Install (1) 17" x 30" Quazite Box adjacent the Triple Play Cafe Building, the Social Center and the Pool.

Tie Conduits Into Quazite Boxes

Pull a 12 Strand Fiber from Fiber Quazite/Main Backbone on West Side of Calumet Ave. To Triple Play Cafe, the Social Center and the Pool.

Splice Fiber Optic Cable into Main Backbone on Calumet Ave.

Furnish and install conduit system in each of the listed buildings to facilitate waterproof building entries and extension of circuits to provide power to the customer equipment.

Grass Seed and Mat around any excavation areas.

**Cost Proposal:**

**\$81,400.00**