



Outline Prepared For:

Hitchcock Design Group
221 W. Jefferson Ave
Naperville, IL 60540
Attn: Eric Hornig

Prepared By:

FRS Design Group (FRS)
PO Box 748
167 S. Lexington St.
Spring Green, WI 53588
Mr. Dan Feick

Date:

April 18, 2016

Project:

Irrigation Design/Consulting Services

Discovery Park
Romeoville, IL

5 Fields complete design
Bid Phase 1 – Only the lighted Soccer Field

Part 1

Design Development / Coordination

An initial telephone call will be conducted to discuss watering needs, system products, and overall needs of the system and the control packages of the system.

We will coordinate closely with the client for types of coverage's and irrigation requirements of the various irrigated areas. An initial coverage plan will be provided during this process.

This proposal is based on the water source being potable water. No in person site visits are included in this design phase.

Part 2 Documents for Construction

After conducting the initial client coordination, scaled drawings will be prepared to include, but not limited to:

- Sprinkler head / pipe routing
- Pipe sizing
- Sleeve sizing and locations
- Controller sequencing
- Power wire schematic
- Project installation details and other related drawings
- Specifications Manual

The system will be designed to accommodate bidding more than one product. If the client directs us to specify only one product, we need his direction as to which product that may be.

All product selections, controllers and levels of control sophistication will be identified during this design process.

We are assuming a potable water source and RPZ backflow provided by the MEP. If a booster pump is required, FRS will provide those documents.

Irrigation specifications manual and bid forms to be included in the final documents.

Irrigation Plans to include:

- Sprinkler Layout / Controller sequencing / Pipe sizing / Lateral piping / Sleeving
- Main line piping / Pump Booster Station, if required / Project installation details

Specifications Manual to include:

- Project instructions / Material specifications / Installation specifications

FRS will send specifications and documents for construction for review and any changes the client may deem necessary.

We will be designing the entire complex, but preparing bid drawings for the phase 1 lighted soccer field.

No in person site visits are included in this design phase.

Part 3 Construction Observation

FRS will be on-site one (1) time during the initial installation of the system, we will provide construction observation services to ensure that the system is installed per the design. We will be on-site for one additional visit (1) during the installation of the irrigation.

Once the system is complete and fully operational, we will provide one (1) On-site visit to provide the contractor with a punch list to complete. We will return to finalize/accept the project.

If additional/less site observations are required for some unforeseen reason, we will bill for only those that are used. They will be billed per the site observation rate in Part 3.

Deliveries

FRS will provide the client with drawings in AutoCadd 2013 format.

FRS will provide specifications in MicroSoft Word format.

FRS will require the client to provide base drawings in AutoCadd format.

Fee Proposal

Part 1	Design Development / Planning Coordination	\$1500.00
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Part 2	Documents for Construction	
	Irrigation Plans	-Entire complex
		-Bid docs – phase I Soccer
	Specification Manual	\$7000.00

Part 3	Construction Observation	
	Per trip visit	\$950.00
	-includes travel time	
	-on-site time	
	-travel expenses	
	-recap report of visit	
	4 Site Observation Trips Scheduled	\$3800.00
	Additional Site visits if required, will be billed at \$950.00 per trip.	

All site visits include travel expenses, travel time and on-site time.

Not in scope:

Web Based programming and central system set up.

On behalf of FRS, I would like to thank you for the opportunity to provide you with our proposal for irrigation design services.

Acceptance of proposal:

Hitchcock Design Group

FRS Design Group

Date

Date