

Roane County Purchasing Department  
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Phone 865-376-4317 • Fax 865-376-4318

**ADDENDUM #1  
2017-06-171  
IRRIGATION SYSTEM – SWAN POND SPORTS COMPLEX**

TO: All Potential Bidders

This addendum forms part of the Bid Documents. It supplements and modifies them as follows:

**ITEM #1 – ADDITIONAL INFORMATION**

- This addendum contains additional specifications for this project.

*Please return this addendum to the Purchasing Department in the proposal envelope. If your proposal has already been sent and this addendum does not pertain to proposal pricing, you may return it via facsimile.*

**ACKNOWLEDGMENT OF ADDENDUM**

The undersigned acknowledges receipt of Addendum #1 – Proposal #2017-06-171.

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Name

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Title

## **SPSC Underground Irrigation Specifications**

Supply labor and materials to design and install a nationally recognized name brand system for the Swan Pond Sports Complex 400 x 700 sports turf. System suppliers shall have been in business for a minimum of 5 years and a minimum of 50 similar installations. A list of references for both the installer and material supplier is required.

Supply and install the required lake water pump using the existing power rough in and distribution header located between the fields. See Exhibit A for approximate service and header locations.

Pump shall be a Sta-Rite HS series 4" Submersible Pump; model L50P4JH (pump end), P43B0050A3 (motor end) and SMC-CR5021 (control box) or approved equals. Pump must be capable of producing 50GPM at 225ft TDH or 70PSI and operate on 230V, 1ph power. The pump shall be fixed to a skid and raised so that the suction end of the pump is a minimum of 18" from the bottom of the river bed. Skid construction to be responsibility of the irrigation contractor and must consist of materials that are resistant to proposed conditions. Additionally, the pump will be installed in such a manner that it will be removable during the off-season.

System will allow for usage of city water during pump outages and low water periods.

Provide and install the necessary controls for automatic sequence of the zones and pump operation.

Provide proposed means and methods to install the system in a manner that allows the turf to heal as quickly as possible and times the excavation to minimize damage to the underlying soils.

Installation is to be complete by March 1, 2017 and will be payable at the following milestones:

1. 10% - Shop drawing approval
2. 30% - Delivery of materials
3. 60% - When demonstrated on city water
4. 100% - When demonstrated on lake water

Installer must warranty material, installation, and operation for a minimum of 2 years.

Completed irrigation system must meet the requirements of both the potable water and electrical servicing utilities.

State your willingness to:

1. Design, procure materials and then supervise the installation by county labor. Provide an estimate of savings to the county
2. Present your recommended approach to the Sports Recreation committee at a subsequent meeting

Exhibit A



**Swan Pond Soccer  
Fields**