

# SPECIFICATIONS

## SECTION 1: Scope and Project Description

### 1.1 PROJECT INFORMATION

- A. Notice to Bidders: The Franklin County Fiscal Court is requesting sealed bids for improvements to the golf course irrigation system at Lakeview Park, 118 Park Avenue Frankfort, Kentucky 40601. Bidders may submit bids for project as described in this Document.
1. Regulatory Requirements: Kentucky Revised Statute 45A.365 shall govern submittal, opening, and award of bids.
- B. Project Identification: Lakeview Park Irrigation Improvements
1. Project Location: 118 Park Avenue Frankfort, Kentucky 40601.
- C. Owner: Franklin County Fiscal Court, 321 W. Main St., Frankfort, Kentucky 40601.
- Owner's Representative: Charlie Lewis, Director  
Lakeview Park  
118 Park Ave., Frankfort, Kentucky 40601  
[clewis@franklincountyky.com](mailto:clewis@franklincountyky.com) (502) 695-8431
- D. Architect: N/A
- E. Construction Manager: N/A
- F. Design-Builder: N/A.
- G. Project Description: Central Control Automatic Irrigation system, valve, decoder and valve box installation or replacement
- H. Construction Contract: Bids will be received for the following Work:
1. General Contract (all trades).

### 1.2 BID SUBMITTAL AND OPENING

- A. Owner will receive sealed lump sum bids until the bid time and date at the location given below. Owner will consider bids prepared in compliance with the Instructions to Bidders issued by Owner, and delivered as follows:
1. Bid Date: **January 28, 2016.**
  2. Bid Time: 10:00 a.m. EST.
  3. Location: Office of Franklin County Judge/Executive  
321 W. Main Street  
Frankfort, Kentucky 40601

- B. Bids will be thereafter publicly opened and read aloud.

### 1.3 BID SECURITY

- A. No Bid security is required.

### 1.4 PREBID MEETING

- A. Prebid Meeting: A mandatory Prebid meeting for all bidders will be held at the Lakeview Springs Pro Shop, 112 Park Avenue, Frankfort, Kentucky 40601 on **January 21, 2016 at 2:00 p.m.** EST. Prospective prime bidders are **required** to attend.

- 1. Bidders' Questions: Owners representative will provide responses at Prebid meeting to bidders' questions received up to the day of the meeting.

- 1.5 **TIME OF COMPLETION:** 60 calendar days. Liquidated damages will be assessed against the Contractor in the amount of \$200.00 for every day in excess of the agreed to Final Completion date.

- A. Successful bidder shall begin the Work on receipt of the Notice to Proceed and shall complete the Work within the Contract Time.

### 1.6 BIDDER'S QUALIFICATIONS

- A. Bidders must be properly licensed and be able to obtain insurance and bonds required for the Work. A Performance Bond, Material Payment Bond, and Insurance in a form acceptable to Owner will be required of the successful Bidder. Bidders shall submit their Employer Identification Number (E.I.N.) to the Owner on the bid form. In the absence of an E.I.N., Bidder must submit their Social Security Number. An out-of-state contractor and/or subcontractor will be obligated to show proof that they are registered to conduct business in the Commonwealth of Kentucky, County of Franklin and City of Frankfort.
- B. The successful bidders will be required to furnish Contract Performance and Payment Bonds for 100% of their contract amount prior to execution of contracts. Bonds shall be in full force and effect for a period of at least 12 months after the date of final completion of the Contract. Should the contractor's bonding company give notice of cancellation; the contractor will be responsible for securing new bonds prior to termination.

### 1.7 AFFIDAVIT OF NON-COLLUSION

- A. Bid proposals, including non-collusion affidavit, which is provided in Section 000400: Bid Form, of the Bidding and Contract Documents, shall be properly and completely executed and shall be in sealed envelope marked, "LAKEVIEW PARK IRRIGATION IMPROVEMENTS" together with all other documents required.

## SECTION 2: General

## 2.1 GENERAL

- A. It is the intent of these specifications to form a guide for complete installation. Therefore, any items not specifically noted, but reasonably necessary for a complete installation, shall be furnished under the contract.
- B. In general, limit work to normal business hours, Monday through Friday. During construction of the system, the contractor may request, with written request to the owner 48 hours prior to, the closure of any part or all of the golf course.

## 2.2 CLEANLINESS

- A. Contractor shall keep the job site orderly and free from debris and accumulations of waste during construction. Existing on site waste collection facilities may be utilized by contractor for any waste generated by this project. Project Location: 118 Park Avenue Frankfort, Kentucky 40601.
- B. Upon completion of the project, all equipment and debris shall be removed from the site and the area shall be left in a neat and acceptable condition. Final payment shall not be issued until an owner's representative has completed a final inspection of the project site.

## 2.3 PROTECTION OF FACILITIES

- A. The contractor shall protect from damage all park facilities within or adjacent to the project area. Any damage to these facilities that are a result of the contractors work or actions shall be repaired or replaced by the contractor. Facilities shall include but are not limited to pavement, structures, curbs, drainage, utility lines and turf areas.
- B. Existing Utility Interruptions: Do not interrupt utilities servicing existing facilities or unless permitted by notifying the owner at least two days in advance of the proposed utility interruption.

## SECTION 3: Contract Modification Procedures

## 3.1 MINOR CHANGES IN THE WORK

- A. Owner will issue supplemental instructions authorizing minor changes in the work, not involving adjustment to the contract sum or contract time.

## 3.2 PROPOSAL REQUESTS

- A. Owner-Initiated Proposal Requests: Owner will issue proposed changes in the work that may require adjustment to the contract sum or contract time. If necessary, the change may require revised drawings or specifications.

1. After issuance of the Proposal Request by the Owner, the contractor shall submit a quotation estimating cost estimates to the contract sum and contract time necessary to execute the change.

- a. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made.
  - b. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
  - c. Include costs of labor and supervision, if applicable, attributable to the change.
  - d. Include an updated contractor's construction schedule that indicates the effect of the change, including but not limited to, changes in activity duration, start and finish times, and activity relationship.
- B. Contractor Initiated Proposals: If unknown or changed conditions require modifications to the contract, the contractor may initiate a request for change to the owner.
1. Provide a written statement outlining reason for the change and the effect of the change on the work.
  2. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made.
  3. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
  4. Include costs of labor and supervision, if applicable, attributable to the change.
  5. Include an updated contractor's construction schedule that indicates the effect of the change, including but not limited to, changes in activity duration, start and finish times, and activity relationship.

#### SECTION 4: Materials

- A. Re-Use of Existing Irrigation
1. The existing water distribution lines and electrical wiring are to be used.
- B. Central Controller
1. The contractor shall install all wiring from the golf course into the park office and provide all grounding for the system and central control.
  2. The contractor shall install the central control system and provide owner training of the system.
- C. Wire
1. Communication from the central controller to the decoders shall be provided in the contract.
- D. Valve boxes: At a minimum, the following materials shall be included in the bid proposal:
- a. valve boxes at tees and greens: total of five (5)
  - b. valve boxes for decoder wire: total of ten (10)

- E. Decoders: At a minimum, the following materials shall be included in the bid proposal:
  - a. Four station decoders: total of twelve (12)
  - b. Two station decoders: total of one (1)

SECTION 5: System Testing and Final Acceptance

- A. Final acceptance of the completed system shall not be granted until the following conditions are met:
  - 1. Successful operation of central controller including operation of all decoders, valves and heads.
  - 2. The system is under constant pressure for seven (7) days with no leaks.
  - 3. Owner training of the central control system.
  - 4. Owner receipt of all warranties and operation manuals.
  
- B. Warranty
  - 1. In addition to any material warranty, the contractor shall provide a labor warranty of one (1) year. The warranty period shall begin upon final acceptance of the system by the owner.