Ragan Technical Solutions, Inc.

Proposal

Meadowood Golf and Tennis Club
July 5, 2023

I am pleased to provide you with this proposal for irrigation consultation and design, construction management, irrigation staking, as-built mapping, and software programming services for your proposed renovation project. The services are listed in their approximate chronological order.

IRRIGATION CONSULTATION AND DESIGN

- Review of site, requirements, schedule, and budget with staff;
- GPS mapping of all existing rotors, valves, quick couplers, and drainage inlets;
- Complete irrigation bid package, depicting all elements of the new control system construction;
- Specification booklet and bid document preparation;
- Materials quantity list for primary components;
- Printing of bid-ready plans and specification books (Quantity 6);
- Hosting of an irrigation pre-bid meeting at the site, if required;
- Bid analysis with club decision makers.

---------- The following items are applicable only upon the commencement of construction -------

CONSTRUCTION MANAGEMENT

- Review of Contractors' bids and analysis prior to award;
- Minor value engineering, if required;
- Review of Contractor's irrigation materials submittal;
- Pre-construction meeting with Contractor's irrigation foreman and golf course superintendent;
- Upon commencement of the project, one site visit weekly (or as needed) for the purpose of irrigation staking (see below), as-built mapping, (see below), Contractor inspections, and workmanship approvals;
- Periodic review and recap of total quantities and Contractor's pay requests;
- Coordinate control system earth-ground report for any new control system components.

AS-BUILT MAPPING

- Creation of as-built drawings, using sub-meter DGPS mapping, of all new irrigation system construction, and integration of above existing irrigation as-staked maps;
- Integration of station numbering from Contractor and/or staff "Station Data Sheets";
- GPS mapping of new greens, tees, bunkers, or other altered course features;
- Printing and laminating of color as-built drawings in 1"=100' scale. Included will be individual sheets of mechanical and electrical themes;
- Printing and laminating of hole-by-hole book and satellite maps.

CENTRAL CONTROL SOFTWARE PROGRAMMING

- Programming of central control system, at earliest possible date, to assist in grow-in;
- Creation of digital map files from above as-builts, and integration with above programming;
- Creation of back-up, with archive to be stored at RTS office;
- Staff orientation to new programming and mapping,

The fees related to the above components are as follows:

IRRIGATION CONSULTATION AND DESIGN	**$ 6,200.00**
------ The following items are applicable only upon the commencement of construction -----	
CONSTRUCTION MANAGEMENT	**$ 800.00**
AS-BUILT MAPPING	**$ 6,500.00**
CENTRAL CONTROL SOFTWARE PROGRAMMING	**$ 3,500.00**
TOTAL FEES	**$ 17,000.00**

There are no additional charges for travel, lodging, or expenses. All fees listed above are all-inclusive. The component services in the above proposal are flexible. Please contact me if you have questions or desire to alter this proposal.

Thank you for the opportunity to be of service once again!

Sincerely,

David M. Ragan
President
Ragan Technical Solutions, Inc.

Acceptance of this proposal:

_____/_____
Signature/Date

_____
Requested Start Date

20 YEARS

RAGAN TECHNICAL SOLUTIONS, INC.
IRRIGATION CONSULTING, MAPPING & WATER CONSERVATION