

Request for Proposal (RFP)

Project Title: New Filter Tanks and Controller Installation for 120,000-Gallon Indoor Pool

1. Project Overview

The Girard College invites qualified contractors to submit proposals for the removal of the existing filtration system and the installation of new filter tanks, valves, activated filter media, and a chemistry controller for a 120,000-gallon indoor pool. This project aims to upgrade the filtration system for optimal pool operation, water clarity, and chemical monitoring.

2. Scope of Work

The contractor will be responsible for all aspects of the project, including providing materials, installation, testing, and operator training. Below are the detailed requirements:

2.1. Materials

The contractor must supply the following materials:

Filter Tanks:

36" TRITON C3 TR140C3 C3 Sand Filters (Quantity: 4)

Valves:

3" PRAHER K4 Butterfly Valves (Quantity: 8)

Filter Media:

AFM Full Charge Activated Filter Media, Graded Green Glass, 55-LB bags (Quantity: 60 bags)

AFM is the world's only activated glass filter media.

Chemistry Controller:

EVOQUA Blu-Sentinel (SE) Pool & Spa Chemistry Controller with Flow Cell, Probes, Flow Switch, and Touch Screen Model.

2.2. Installation

The contractor will:

Remove the existing filter system and all related components.

Install the new filter system, including the four filter tanks, valves, activated filter media, and chemistry controller.

Remove all debris from location and dispose accordingly

Install all required plumbing and fittings using Schedule 80 PVC pipe.

Install all necessary supports using Unistrut channels.

Ensure proper integration of all components for a complete operational system.

2.3. Controls and Configuration

Install the EVOQUA Blu-Sentinel Pool & Spa Chemistry Controller, ensuring proper integration with the filtration system.

Ensure proper calibration of the chemistry controller with the pool's specifications, including flow cells, probes, and flow switch.

2.4. Start-up and Training

Perform system start-up and testing to ensure the filtration and control systems function as specified.

Provide training for designated pool operators on the use, maintenance, and troubleshooting of the new system.

3. Technical Specifications

All plumbing should use Schedule 80 pipe.

All supports and fittings should be made with durable materials suitable for the indoor pool environment.

The chemistry controller must include a touch-screen interface and be capable of automated monitoring and adjustments of pool chemistry.

The filter media (AFM) must meet industry standards for activated filter media for high-efficiency filtration.

4. Project Timeline

The project must be completed within 10 days of the contract award date. The contractor must submit a project schedule detailing major milestones, including:

Removal of the existing system

Installation of new components

Testing and commissioning

Operator training

5. Proposal Requirements

All proposals must include the following information:

Company Information:

Company name, address, contact information, and primary point of contact.

6. Warranty and Support:

Description of warranties on parts and labor, as well as ongoing support for the installed systems.

7. Submission Instructions

Proposals must be submitted by October 10th, 2024 4:00 pm? to the following email address:

rpavoni@girardcollege.edu

Please direct any questions or clarifications to:

Rich Pavoni

rpavoni@girardcollege.edu

8. Additional Information

Site visits can be arranged by appointment for contractors to inspect the pool facility prior to submitting proposals.

All contractors must comply with local, state, and federal regulations regarding pool filtration systems and chemical controls.

We look forward to receiving your proposal and appreciate your interest in partnering with us.