

**COMMUNITY COLLEGE OF RHODE ISLAND
LINCOLN CAMPUS PUBLIC SWIMMING POOL
MAINTENANCE AND SERVICE
SCOPE OF WORK**

RFQ # 7606790

1. This scope of work (SOW) specifically applies to the 180,000 gallon inside public swimming pool located at the Community College of Rhode Island (CCRI) Lincoln Flanagan Campus Field House.
Address: 1762 Louisquisset Pike, Lincoln, RI 02865
2. This pool is regulated and licensed by the RI Department of Health under **permit #: SWM00023**
3. **Vendor to provide scheduled bi-annual manufacturer's recommended preventative maintenance and service (including emergency service) to the various pool mechanical and operational systems critical to ensuring optimum performance and public safety. Specific systems include but are not limited to pump, chemical, heating, filtration, ADA, and safety. See items listed in SOW Item #6 below.**
4. *Submit with BID documentation of a **current Certified Pool & Spa Operator (CPO) certification** issued from a recognized public or private entity such as the Pool & Hot Tub Alliance, Pool Operation Management, or other State/Federal agency.
5. *Provide a minimum of three (3) current active commercial pool references of similar size or larger. Work being performed must be equal to or greater in scope. Submit reference contact information with BID.
6. *Demonstrate experience with and a working knowledge of, but not limited to the following pool equipment and systems. See pages 2-8 for photos.
 - a. ProMinent CO2 Controller
 - b. ProMinent DCM 2 Series Controller and related chemical test kits
 - c. AcuTab or Pulsar style automatic chlorinator system including pump.
 - d. STA-RITE PAK 184 TYPE STRAINER system
 - E. PARAGON AQUATICS 5S SERIES MODEL 5S40 STARK High rate sand filter
 - f. Coates model 34854PHS-4 HIGH FLOW Pool Heater
 - g. BALDOR Super-E Motor, 15 HP, 3475 rpm, 3 phase, 230/460volts
 - h. Chemical test kits as required to maintain proper water chemistry.
 - i. SR Smith PAL Lift
7. Vendor to provide additional service as required to ensure proper pool operations for water quality in, but not limited to the filtering, heating, and water chemistry systems.
8. All service to be scheduled in advance with CCRI Physical Plant.
9. Vendor must sign-in and be accompanied by CCRI Physical Plant personnel (or authorized designee) when accessing the CCRI Field House, Pool and Pump Room.
10. Scheduled service to be completed during normal business hours Monday – Friday, 7 am to 4:00 pm.
11. Overtime hours (OTH) are considered anything outside of the normal business hours noted in SOW Item # 10. All OTH must be authorized in advance by CCRI Physical Plant. **Unauthorized OTH will not be paid.**

12. Understanding that scheduling pool service can be challenging, CCRI Physical Plant will provide access to the pool for service outside of normal business hours (including nights and weekends) as needed.
13. Under no circumstances can pool service interfere with the operation of the pool during CCRI or public use hours or during any such hours designated by CCRI.
14. Vendor is not authorized to perform any electrical maintenance of any kind. All electrical maintenance to be completed by CCRI or CCRI appointed electrical vendor.
15. Other than what is required under the PM and normal services required in this SOW, vendor is not authorized to make any changes of any kind to plumbing, fixtures, shut-offs, valves, system components, etc. without prior written authorization by CCRI Physical Plant.
16. Vendor to provide CCRI Physical Plant with a detailed report of all completed PM and other service calls.
17. Vendor to notify CCRI immediately upon determining that a system or condition exists that is or may create a safety hazard to life or property.
18. Vendor must invoice CCRI within 30 days of completing any service.

***NOTE: Any requested documentation above that is not submitted with proposal will be required at time of tentative selection.**











5S Series™
STARK High rate sand filter

PARAGON AQUATICS
Pentair Water

FILTER HOUSING PROTECTED WITH PARACOTE®

OPERATING INSTRUCTIONS

INITIAL FILTER START-UP:

1. Close backwash line to open and set control valve to normal operation.
2. Open manual air bleed.
3. Start pump and allow water to fill tank to normal level. Close air bleed when it starts to drip.
4. Stop pump. Set valve to filter position. Strain media from top of filter.
5. Open manual air bleed. Strain media from top of filter.
6. Stop pump. Set valve to filter position. Close air bleed when it starts to drip.
7. Open manual air bleed. Strain media from top of filter.
8. Stop pump. Set valve to filter position. Close air bleed when it starts to drip.
9. Open manual air bleed. Strain media from top of filter.
10. Stop pump. Set valve to filter position. Close air bleed when it starts to drip.

CLEANING THE FILTER:

Backwash only when the flow diminishes considerably or when the effluent pressure gauge reading increases. To clean filter pressure.

1. Stop pump. Set valve to backwash position. Strain backwash line to open.
2. Start flow of filter. Start pump and backwash until pressure is open. Approximately 3-5 minutes.
3. Stop pump. Set valve to filter position. Strain media from top of filter. Close air bleed. Start flow of filter. Start pump.

For normal operation, close air bleed when media starts to drip. Strain media from top of filter. For complete filter operation refer to Owner's Manual.

NOT RECOMMENDED FOR BURIED INSTALLATION
Maximum Continuous Water Temperature 120°F

CAUTION: Hot water can cause burns. Use proper protection around hot surfaces and avoid spillage when working filter.

Paragon Aquatics
Division of Pentair Water Pool and Spa, Inc.
1-888-KDI-SWIM

Model	5S30	5S35	5S40	5S45	5S50
Filter Area Sq. Ft. (M ²)	30 (2.79)	35 (3.25)	40 (3.72)	45 (4.18)	50 (4.65)
Design Flow Rate Range 5 to 20 GPM/FT ² (L/PM/FT ²)	150 (6109) to 600 (24432)	175 (7106) to 700 (28004)	200 (8144) to 800 (32576)	225 (9162) to 900 (36648)	250 (10180) to 1000 (40720)
Minimum Backwash Flow Rate 15 GPM/FT ² (611 L/PM/FT ²)	450 (18337)	525 (21369)	600 (24400)	675 (27506)	750 (30592)
Maximum Working Pressure PSI (BAR)	75 (5.2)	75 (5.2)	75 (5.2)	75 (5.2)	75 (5.2)
Maximum Clean Pressure Drop PSI (BAR)	6 (4)	6 (4)	6 (4)	6 (4)	6 (4)
Clearance Required Horizontal ft. (cm)	6 (15.24)	6 (15.24)	6 (15.24)	6 (15.24)	6 (15.24)
Media Required #20 Silica Sand FT ² (M ²)	63.5 (1.8)	74.3 (2.10)	85.4 (2.42)	96.4 (2.73)	107.4 (3.04)
Optional Sand/Gravel Combination Media Required #20 Silica Sand FT ² (M ²)	39.0 (1.10)	46.6 (1.32)	53.8 (1.52)	61.0 (1.73)	68.2 (1.93)
Plus Gravel FT ² (M ²) 1/8" to 1/4"	24.5 (7.0)	27.7 (7.8)	31.6 (9.0)	35.4 (10.0)	39.2 (11.1)
Model	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Serial Number
00013

NSF

(Year) 07 08 09 10 11 12 13 14 15
(Month) A B C D E F G H I J K L
Date of Manufacture and Model Punched Out Above

Community College of Philadelphia
33162



