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Header 1

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- Clarification Request

Procurement Folder: 1344876

Procurement Type: Central Purchase Order

Vendor ID: VS0000044692

Legal Name: Sixmo Architects LLC

Alias/DBA: Sixmo Architecture

Total Bid: \$0.00

Response Date: 01/10/2024

Response Time: 9:48

Responded By User ID: SixmoCompanies

First Name: Patrick

Last Name: Thronton

Email: info@sixmocompanies.com

Phone: 2167675400

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR2400000005

Published Date: 12/20/23

Close Date: 1/10/24

Close Time: 13:30

Status: Closed

Solicitation Description: A&E - North Bend and Watoga Pool Facilities

Total of Header Attachments: 1

Total of All Attachments: 1



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder: 1344876
Solicitation Description: A&E - North Bend and Watoga Pool Facilities
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Solicitation Closes	Solicitation Response	Version
2024-01-10 13:30	SR 0310 ESR01102400000003328	1

VENDOR
 VS0000044692
 Sixmo Architects LLC

Solicitation Number: CEOI 0310 DNR2400000005
Total Bid: 0
Response Date: 2024-01-10
Response Time: 09:48:16
Comments:

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
 (304) 558-2306
 joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Professional engineering services				

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

Design and contract administration services of new pool and splash park facilities at North Bend and Watoga State Parks.



SIXMO ARCHITECTURE

Architectural and Engineering Services Qualifications for

NORTH BEND AND WATOGA POOL FACILITIES

Prepared for:
Department of Administration, City of Charleston, WV

Date
1/10/2024



January 10, 2024

Mr. Josh Hager

Department of Administration, Purchasing Division

2019 Washington Street East

Charleston, WV 25305

Re: Statement of Qualifications for Architecture and Engineering Services
North Bend and Watoga Pool Facilities

Mr. Josh Hager:

Sixmo Architecture appreciates this opportunity to provide you with the attached statement of qualifications for the above referenced projects. We believe our team is uniquely qualified to perform the services requested. You will find this document describing in depth our understanding of your project, our expertise, and the experience and capabilities of the staff we intend to assign to your cause.

Please review this document and feel free to reach out to me if you have any questions, concerns, or are in need of any additional information. I will serve as your primary point of contact throughout the selection process. I am available any time via email at patrick@sixmocompanies.com or via my mobile phone at 216-647-4296. I am also normally available during normal business hours on our office phone system at 216-767-5400, extension 100.

Sincerely,

Patrick E. Thornton, AIA, LEED AP, MPE

Partner: Head of Relationships | The Sixmo Companies



Project Understanding:

The West Virginia Division of Natural Resources intends to undertake improvements to the existing pool facilities at two State Parks. These include North Bend State Park in Cairo, West Virginia; and Watoga State park in Marlinton, West Virginia.

The North Bend State Park Pool includes an “ell” shaped main body, with a diving well. The main body is approximately 4,200 square feet in area. The main body is supplemented by a wading/kiddie pool of approximately 250 square feet. The main pool includes a diving board and small waterslide feature. The pool and deck area are enclosed by chain-link fence, and the entire facility is supported by a large bathhouse / equipment building.

The Watoga State Park Pool was established in 1940. The facility currently includes an approximately 3,000 square foot lap/rec pool (25 yard lap length) and an approximately 600 square foot kiddie/wading pool. The larger body ranges in depth from 36” to 9’, with a small waterslide at the deeper end. The existing pool has a stainless-steel gutter system and a single main drain with dual covers. The wading pool is a concrete structure with a single main drain. The facility is enclosed with fencing and supported by an approximately 2,500 square foot bath-house/equipment building. Concrete deck covers the entire enclosed area.

The objective of the project is to evaluate existing conditions to assist the Department of Natural Resources in the determination for improvements to each facility, and then follow those recommendations with reliable design and construction administration services to ensure the success of each project. Preliminarily, the Department of Natural Resources anticipates improvement or replacement of both pools, and the construction of new splash pads / spray grounds at each facility.

The designs for each facility should take into account accessibility (ADA compliant access), the West Virginia Swimming Pool and Spa Code, local health department regulations, and Department of Natural Resources standards. The designs should consider park operations and procedures, as well as availability of resources. The execution of recommended work should be planned to minimize interruption of service to park visitors, taking full advantage of the already limited number of swimming days due to mother nature. As with any project, the established project budget and schedule are of paramount importance.





Project Approach:

The development of creative solutions for aquatics projects has been a core of our services at Sixmo since the inception of the firm in 2012. Over that period of time we have developed, redeveloped, and continually improved our approach to pool projects. That process and our proposed approach to your particular set of challenges is briefly summarized in the following narrative.

We view each project as an opportunity to create a new relationship or foster an existing one. As such, it is our objective to establish a rapport between our key personnel (in this case the Project Manager) and your representative(s). This is executed through clear and concise communication – written, spoken and inferred. While our expertise and depth of experience in the development of aquatics solutions are certainly important tools for the success of your project, the clear expression of our intent is even more critical to managing and meeting your expectations.

We believe the establishment of one primary contact for each organization – clearly identified to everyone engaged in the project no later than the project kick-off meeting – is the key to clear and defined lines of communication. As phases of work progress and new personalities are brought into the fold, those lines need to be continually redefined and adjusted, but done so in a manner clear to all – continually reinforcing the responsibility for decision making – or the command structure.

Furthermore, we endeavor to openly communicate with the entire project team any and all challenges, including those tough conversations regarding budget, performance, and quality of work. By establishing a policy of openness and honesty early in the process we eliminate the egos from the process, make the process more transactional, and thus ease the tension surrounding difficult conversations. This generates results rather than excuses.



The aforementioned project kick-off meeting is our initial engagement with the project. At that meeting our team will review your objectives, the project schedule and budget, establish lines of communication, and begin the discovery phase of the work. We will also establish the cycle for project/design meetings in the future.

Ideally held at or near one of the project sites, the kick-off meeting is also an excellent opportunity to begin to collect field data. We will also schedule a day/time at this meeting to visit the second location for data collection, which will include measurements, notes, photographs, and sketching, in addition to interviewing park staff regarding systems, processes, procedures, and other critical design data. If existing drawings are available, our team members will offer to “borrow” the drawings, we will scan and return not only the drawings, but the resultant electronic files for your records.

Armed with preliminary data, our team will begin the process of developing recommendations for improvement to each facility. Those recommendations will be accompanied by our initial opinion of probable construction/installation costs, and a preliminary schedule for execution of the physical work. This is the first stage of continued conversation with your organization to determine the right set of solutions for each facility – accounting for cost, timing, and project objectives.



Sixmo's in-house professional team includes all disciplines necessary to execute your projects under one roof. Our aquatics team includes registered architects and engineers together to develop your solutions. Since the design and layout is typically more of a creative business, our architecture team manages those components of the design. Then the detailed engineering involved with a pool circulation system is handed off to our lead mechanical engineer to ensure it is designed and detailed to meet local code requirements and is constructible. Your assigned team (see organizational chart) has extensive experience with similar projects and the complexities of navigating the approval process of aquatics engineering review by state and local entities.

This team works hand in hand to develop creative and economic solutions that give swimmers the fun and safe environment they deserve. The selection of each system is made with a mind for economic operation, life cycle benefit, and safety. Designs are intended to provide inclusive accessibility for all users regardless of age, ability, or any other differentiator.



Your professional team's experience with similar projects has resulted in a thorough understanding of the costs of aquatics improvements. That understanding is supplemented by relationships with aquatics contracting companies, putting our proverbial finger on the pulse of the industry. We have access to cost trends direct from the horse's mouth – the contractors that routinely propose on similar projects. We further rely on industry accepted cost data for basic components to help formulate reliable opinions of probable construction costs. Reliability translates directly to expectations being met.

On the occasion that we do run across a budget challenge – at any point in the project process – we fall back to that open line of communication where all parties are comfortable discussing the tough decisions. When scope needs an adjustment to meet budget or schedule – we bring it up for discussion. When scope is an immovable object, we have an open and honest discussion about the impact on objectives. The entire process revolves around being clear with one another and eliminating surprises.

The same process goes for schedule challenges. While we can help budget challenges by adjusting the design to suit, we can also manipulate the design or the language of our procurement documents to impact the schedule in a way the works best to meet your objectives – and when we see a challenge, we openly discuss it.

One specific component to your project is the desire to limit the construction process's impact on the swim season – an already limited time frame. We typically recommend that the design, permitting, and procurement processes are scheduled to end coincidental to the last day of the current swim season – opening the longest possible window for the execution of the construction phase. We can also phase the implementation of construction on more complex projects to either span two off-seasons; or we can provide a construction phasing plan that allows facility use and construction at the same time (this typically means any pool system work occurs in the off-season (winter), and general trades work outside the fence occurs during swim season. In any case, our team has the creative energy to develop the right solution for your projects.



Once the scope of improvements has been established, our team will summarize our recommendations in a bound document, which will include drawings, narratives, applied costs and schedules, and other information necessary to establish the criteria for the development of construction documents. This will be formally presented for acceptance by your organization prior to in the initiation of the next phase of work.

Once the criteria has been accepted by the Department of Natural Resources, our team of professionals will apply their knowledge of aquatics facilities to develop a reliable set of construction documents (drawings, specifications, and procurement documents) suitable for permitting, procurement, and ultimately construction and operation. During this phase our team will continue to meet and communicate progress, provide supplemental information, update estimates and schedules, and discuss the impact of design decisions on the project objectives.

Upon the completion of the construction documents, our team will arrange for the submittal of documents to local authorities having jurisdiction for review and approval prior to any construction. This will not only include the locally responsible building departments, but local health and state department responsible for the approval of aquatics systems. We will provide each organization with supplemental information as necessary to obtain the license to construct – commonly known as the right to “pull a permit.”

We do not recommend initiating the process of procuring a contract for construction until all authorities having jurisdiction have been satisfied. At that point, and with the approval of the Department of Natural Resources, our team will assist with the procurement of a contract for construction utilizing whichever delivery method you select, including design-bid-build, CMc/r/a, or direct contracting. We can provide pre-bid meeting facilitation, we will develop addenda based on supplemental information requested by proposers, and we can review received proposals and follow up with recommendations for action. Finally, we can assist in the development of a contract document between the Owner and Contractor(s).

During construction we are available to serve as your construction administration professional in whatever capacity you require. This can be full or part time on-site observation, periodic observation, or on-call support. Our team can facilitate periodic project progress meetings, review payment applications, review requests for information, review shop submitters manage the change process, develop field reports, and otherwise observe construction for compliance with the intent of the DNR and the documents that we created. We prefer to follow the project full through the construction process as closely as is desired by the Client to continue to manage those expectations and ensure the delivery of a high-quality product.

In summary, our team has the expertise necessary to carry out your project to a successful conclusion – as this document thoroughly lays out. That expertise is backed by a proven process and proven practice – all built on a foundation of open and honest communication. Sixmo’s core values of Growth, Accountability, and Family are all represented in this process – we grow as a firm by building strong relationships with our clients by being accountable for our services. We want WVDNR to be a part of our family.





The Story of The Sixmo Companies:

Sixmo Architects and Engineers was formed in 2012 in Rocky River, Ohio by Jared Perry, PE and Patrick E. Thornton, AIA, providing architectural and structural engineering services throughout the State of Ohio. The founders shared a common goal: to create a dynamic integrated services firm capable of offering comprehensive solutions to their clients. That vision was the genesis of what is now known as The Sixmo Companies and includes the following professional services firms:



SIXMO ARCHITECTURE

Sixmo Architecture was created from the same mold of the original organization, continuing the vision of the founders to provide creative design solutions for outstanding clients utilizing our talented staff of design professionals. Sixmo Architecture is dedicated to creating vibrant, sustainable, and sensible improvements to the built environment. We serve both the public and private sector with a complete slate of architectural services. While known as nimble generalists, our portfolio is highlighted by an impressive roster of multi-family and mixed-use developments, aquatics facilities, and hospitality projects.

TRIUMPH

Triumph Services was born from our original organization's expansion of our consulting engineering suite. We offer a comprehensive range of engineering services including structural engineering, mechanical engineering, electrical engineering, civil engineering, geotechnical engineering, surveying, and materials testing. These disciplines are applied by our professionals to a wide breadth of markets and clients, including other design firms. Our engineering team is laser focused on meeting all of our clients' objectives with reliable solutions and services.



BRENNER DESIGN

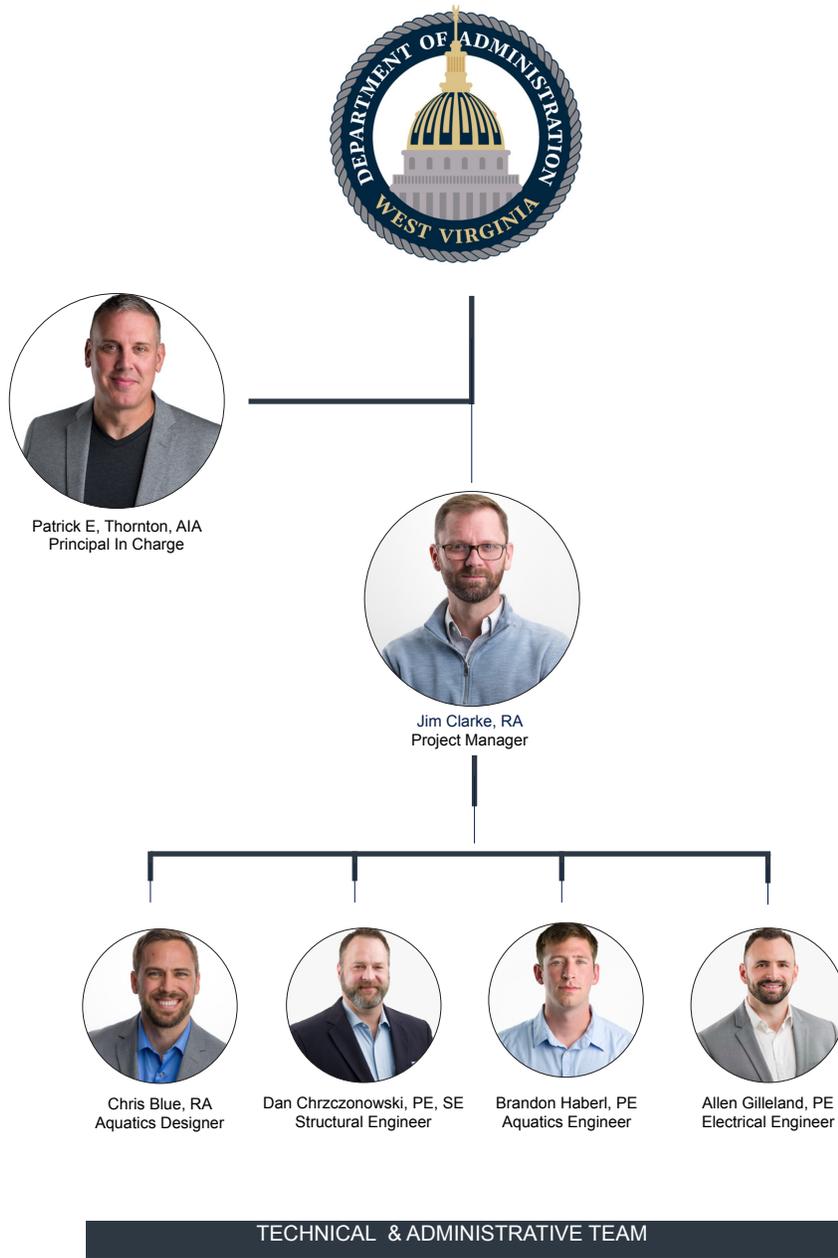
Brenner Design is an interior architecture and interior design firm with a highly-awarded 30-year history of excellence providing services to higher-ed, corporate, and commercial clientele. With the added specialty of FF&E procurement as a service, the Brenner Design team can round out the process of interior improvements.





Team Organizational Chart:

Your project team will consist of a group of exceptional professionals led by a strong project manager Jim Clarke, RA, who will act as the primary liaison between the design team and your stakeholders during the project. Patrick Thornton, AIA will serve as the Principal-In-Charge assuring quality, timeliness, and client satisfaction while offering his aquatics expertise. Team member resumes will follow to further outline qualifications and experience.





Patrick E. Thornton, AIA

Principal in Charge



1101 Auburn Avenue
Cleveland, OH 44113
216-767-5400
patrick@sixmocompanies.com

Patrick Thornton is a proud graduate of Kent State University with over thirty years of experience in the design and construction realm. Patrick has a passion for client relationship development and maintenance that he can demonstrate on a wide breadth of project types. Through a broad range of experience, he has developed problem-solving skills that can be applied to any market or client type, from residential to commercial, municipal to industrial. A drive to constantly improve as a professional inspired Patrick to become a Master Plans Examiner.

Education

Kent State University,
Bachelor of Science in Architecture , 1996
Kent State University,
Bachelor of Architecture, 1996

Current Registration:

Architect, State of Ohio
Master Plans Examiner, State of Ohio
GBCI LEED Accredited Professional

Technical Organizations:

B.O.C.O.N.E.O.
American Institute of Architects (AIA)
International Code Council (ICC)
National Council of Architectural
Registration Boards (NCARB)
US Green Building Council (USGBC)

Featured Representative Personal Experience:

Foster Pool & Splash pad Renovations
Lakewood, OH
St. Henry Pool Renovation
City of St. Henry
Avon Municipal Aquatic Facility
Avon, Ohio
Campground Pools
Grand Lakes State Park
Indian Lakes State Park Pool
Central Recreation Center Improvements
City of Cleveland
Barnsville Public Swimming Pool
Barnsville, Ohio
Ontario Splash Pad
Ontario, Ohio
Hamilton Spray grounds
Hamilton, Ohio



Jim Clarke, RA

Project Manager



1101 Auburn Avenue
Cleveland, OH 44113
216-767-5400
jclarke@sixmoarchitecture.com

Jim Clarke is a graduate of the Boston Architectural College with nearly 30 years of experience in Architectural design, documentation, and project management from conceptual design through post-construction phases. Jim is driven by delivering projects on schedule and to the satisfaction of his clients. With a broad range of experience in national and local project types, Jim has experience in renovation and new construction types for Commercial Mixed-Use, Retail, Multi-Family Residential, Restaurant, Healthcare, Education, and Recreation programs. Rooted in the belief that communication is the key to successful project delivery, he strives to keep the team informed and on the same page at every project milestone.

Education

Boston Architectural College,
Bachelors of Architecture 1996

Current Registration:

Architect:

State of Ohio, Georgia, Massachusetts,
Michigan, South Carolina, Tennessee

Technical Organizations:

National Council of Architectural
Registration Boards (NCARB)

Featured Representative Personal Experience:

Foster Pool & Splash pad Renovations

Lakewood, OH

Hicksville Pool

Hicksville, Ohio

Central Recreation Center Improvements

City of Cleveland

Avon Parks Restroom Buildings

Avon, Ohio

Alteration and Pavilion Construction

Rocky River, OH

Boys & Girls Club Gym

Marietta, OH

New Teen Center Boys & Girls Club

Marietta, OH

Community Center Alterations

North Olmsted, OH

Smith & 5th Renovation

Pittsburgh, PA



Christopher Blue, RA

Aquatics Designer



1101 Auburn Avenue
Cleveland, OH 44113
216-767-5400
cblue@sixmoarchitecture.com

Mr. Blue is a Registered Architect and a graduate of the Ohio State University and Kent State University with over 16 years of experience in the world of architectural design. Mr. Blue has also developed experience in other design disciplines, including civil, plumbing, mechanical, and electrical with a focus in aquatics design. This multi-discipline capability makes Chris an ideal designer, as an understanding of all the components of a facilities systems is crucial to a successful design. His knowledge is valuable for complete comprehensive project management in design, during construction and reviewing projects.

Education

The Ohio State University
Bachelor of Science Architecture
Kent State University
Masters of Architecture

Current Registration:

Architect, State of Ohio

Technical Organizations:

National Council of Architectural
Registration Boards (NCARB)

Featured Representative Personal Experience:

Foster Pool & Splash pad Renovations
Lakewood, OH

Lakewood Foster Pool and Splash pad Improvements

Foster Pool & Splash pad Renovations
Lakewood, OH

St. Henry Pool Renovation
City of St. Henry

Avon Municipal Aquatic Facility
Avon, Ohio

Campground Pools
Grand Lakes State Park
Indian Lakes State Park Pool

Central Recreation Center Improvements
City of Cleveland

Barnsville Public Swimming Pool
Barnsville, Ohio

Ontario Splash Pad
Ontario, Ohio

Hamilton Spray grounds
Hamilton, Ohio



Dan Chrzczonowski, PE,SE
Structural Engineer



1101 Auburn Avenue
Cleveland, OH 44113
216-767-5400
dchrzczonowski@triumphservices.com

Mr. Chrzczonowski is an NCEES Model Law Structural Engineer with a wide breadth of experience in commercial structural systems. He is a graduate of the University of Michigan with a concentration in structural engineering. Daniel leverages his skillset and experience to successfully manage our structural engineering department, providing leadership and mentorship to our dedicated professionals.

Education

University of Michigan, Bachelor of Science in Engineering, 2001

Current Registration:

Professional Engineer, State of Ohio
Professional Engineer, State of Florida
Professional Engineer, State of Georgia
Structural Engineer, State of Georgia
Professional Engineer, State of Kentucky
Professional Engineer, State of Michigan
Professional Engineer, State of North Carolina
Professional Engineer, State of Pennsylvania
Professional Engineer, State of South Carolina
Professional Engineer, State of Tennessee
Professional Engineer, State of Virginia
Structural Engineer, State of Illinois
Professional Engineer, State of Minnesota

Technical Organizations:

Structural Engineers Association of Ohio
American Institute of Steel Construction

Featured Representative Personal Experience:

Foster Pool & Splash pad Renovations
Lakewood, OH
Hicksville Pool
Hicksville, Ohio
Central Recreation Center Improvements
City of Cleveland
Boys & Girls Club Gym
Marietta, OH
New Teen Center Boys & Girls Club
Marietta, OH



Brandon Haberl, PE

Aquatics | Engineer



1101 Auburn Avenue
Cleveland, OH 44113
216-767-5400
bhaberl@triumphservices.com

Mr. Haberl is a proud graduate of Iowa State University with nearly 8 years of professional experience in the design and management of mechanical systems for buildings. Brandon joined Sixmo in 2020 to provide leadership as our team has grown to add plumbing design and HVAC design to our already impressive list of engineering services. He is dedicated to providing energy-efficient solutions and highly constructible designs for all of his clients.

Education

Iowa State University, Bachelor of Science in
Mechanical Engineering, 2016

Current Registration:

Professional Engineer, State of Ohio
Professional Engineer, State of Minnesota

Technical Organizations:

ASHRAE Minnesota Chapter Secretary

Featured Representative Personal Experience:

Foster Pool & Splash pad Renovations

Lakewood, OH

Hicksville Pool

Hicksville, Ohio

Central Recreation Center Improvements

City of Cleveland

Avon Parks Restroom Buildings

Avon, Ohio

Boys & Girls Club Gym

Marietta, OH

New Teen Center Boys & Girls Club

Marietta, OH



Allen Gilleland, PE

Electrical Engineer



1101 Auburn Avenue
Cleveland, OH 44113
216-767-5400
agilleland@triumphservies.com

Mr. Gilleland comes to Sixmo Inc. with more than five years of experience and expertise in commercial and public sector electrical engineering. A graduate of the University of Akron, Allan offers great management and communication skills in addition to a great technical comprehension of building electrical systems.

Education

The University of Akron, Bachelor of Science in
Electrical Engineering, 2017

Current Registration:

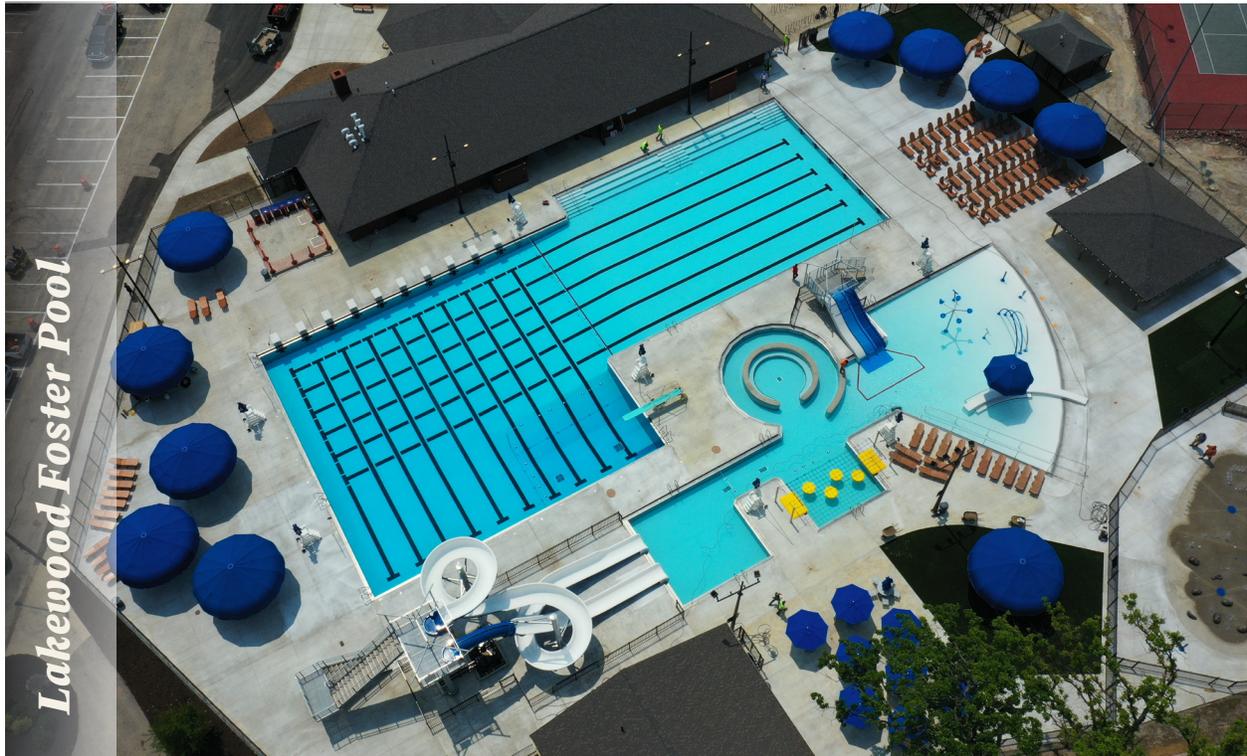
Professional Engineer, State of Ohio
Professional Engineer, State of Minnesota

Skill in the use of:

REVIT, Autocad, VISUAL 3D, COMcheck, pSPICE/
LTSpice

Featured Representative Personal Experience:

Foster Pool & Splash pad Renovations
Lakewood, OH
Hicksville Pool
Hicksville, Ohio
Central Recreation Center Improvements
City of Cleveland
Avon Parks Restroom Buildings
Avon, Ohio
Boys & Girls Club Gym
Marietta, OH
New Teen Center Boys & Girls Club
Marietta, OH



Owner: City of Lakewood
Location: Lakewood, OH
Design: 2021
Status: Completed in 2023
Budget: \$7.6 Million
Scope: Full Architecture/ Engineering
Contact: Mark Papke, City Engineer
Phone: 216.529.6692

Sixmo was selected by the City of Lakewood in 2021 to design improvements to the historic Foster Pool at Lakewood Park. The purpose of the improvements was to bring the aging facility up to modern standards while making the amenity more inclusive to families in this West Side suburb of Cleveland. The new facility boasts competition-capable long and short course swimming to reflect the history of competitive swimming in Lakewood and specifically at Foster Pool. The competition swimming is complimented by recreational swimming via active areas with water features, waterslides, a zero depth entry / shallow area, water vortex and water crossing activity areas and a separate sprayground. The project also includes improvements to the existing bath-house and increased parking capacity.

Our team closely engaged the community to develop solutions that worked for all users. The pool was designed to be extremely flexible for myriad programming opportunities, while maintaining the integrity of the competition swimming. Our team provided full A/E services for the construction of the project between the 2022 and 2023 outdoor swimming seasons without loss of a day in the water for the residents of Lakewood.



Owner: City of Avon
Location: Avon, OH
Design: 2014
Status: Complete
Budget: \$8 Million
Scope: Full Architecture/ Engineering
Contact: Thomas Fattlar, Facility Manager
Phone: 440.937.4461



scan for a video presentation.

Sixmo was selected in 2014 to undertake the design of a new outdoor municipal aquatic facility in Avon, Ohio. The design of the state-of-the-art facility combines both competitive and recreational activities. A flexible competitive pool, meeting the criteria for competition certification by US Swimming, was designed to meet the needs of Avon's enthusiastic club swimming community. The competitive pool includes eight lanes at 50 meters that can be divided into two 25 meter lengths, or one 25-yard length and a diving well.

The recreational pool includes a 6,000 square foot body of water with a zero depth / beach style entry, an interactive play structure, a vortex feature, lap lanes, and splashdown areas for the three exciting waterslides. A playground is separate from, but complimentary, to the leisure pool.

The facility also includes a bathhouse with multi-user men's and women's facilities complete with showers and changing areas, family-style changing rooms, administration building, and filter building to support operations at the facility. A parking area, complete with an environmentally friendly permeable paving system, an access drive, walking paths, and a passive park area round out the facility.



Grand Lakes St. Marys State Park

Owner: Ohio Department of Natural Resources

Location: St. Marys, Ohio

Design: 2017

Status: Complete

Budget: \$1 Million

Scope: Full Architecture/ Engineering

Contact: Phil Miller

Phone: 614.265.6977

Sixmo was commissioned as a part of a comprehensive design build project impacting 19 State Park facilities, to design a new 4,000 square foot recreational pool for the campground at Grand Lakes St. Marys State Park. This facility included a waterslide, zero depth entry, lap lanes and activity zones. The project utilized factory-built buildings serving as the bath-house and pump room. Sixmo served as the Architect, Structural Engineer, and Aquatics Designer for this project.



Owner: Ohio Department of Natural Resources

Location: Lakeview, Ohio

Design: 2016

Status: Complete

Budget: \$1.5 Million

Scope: Full Architecture/ Engineering

Contact: Phil Miller

Phone: 614.265.6977

Domokur Architects commissioned Sixmo for aquatic design and structural engineering services related to a new aquatic facility at Indian Lakes State Park Campground in Lakeview Ohio. The new facility boasts a 4,000 square foot activity pool with zero depth entry, lap lanes, activity areas and a future waterslide. Serving as the aquatics consultant, Sixmo provided valuable design expertise to Domokur with respect to facility design and planning.

On a directive from the top ranks of ODNR, and under the watchful eye at the capitol building in Columbus, this project was executed in an extremely compressed schedule. This warranted early communications with the Ohio Department of Health, and resulted in early release of the aquatics package.



Owner: Village of Hicksville
Location: Hicksville, Ohio
Design: 2023
Status: Under Construction
Budget: \$4.5 Million
Scope: Full Architecture/ Engineering
Contact: Cory Wann, Village Administrator
Phone: 419-542-8095



scan for a video presentation.

Sixmo was selected in 2023 to undertake the design of a new outdoor municipal aquatic facility in Hicksville, Ohio. The design of the facility includes a recreation pool and splashpad. The 3,000 square foot splashpad includes a pavilion and splashpad pumphouse with accessible restroom. The recreation pool includes a 6,600 square foot body of water with a zero-depth / beach style entry with interactive play structures, in-water seating, basketball hoops, diving well and 19-foot high two-flume slide.

The facility also includes a bathhouse with multi-user men's, women's and family facilities complete with showers and changing areas. It also incorporates the pool filter and pump room, lifeguard support rooms and concessions stand accessible to both pool and splashpad. The parking lot was re-stripped to allow accessible access to the new facilities.



Owner: Village of St. Henry
Location: St. Henry, Ohio
Design: 2018
Status: Complete
Budget: \$1.3 Million
Scope: Full Architecture/ Engineering
Contact: Ron Gelhaus
Phone: 419.678.4030

Sixmo was selected as a part of a design/build collaboration with the Astro Pool Company, tasked with the replacement of the existing aquatic facility at North Park. The existing facility included three separate bodies of water within an aging deck and filtration system.

The new facility incorporated all of the Village's programming into a single, 300,000-gallon body of water, including eight 25-meter lanes of lap swimming, a two-flume waterslide, a zero-depth entry with a play area, and 1 and 3-meter diving platforms. The pool is constructed of a concrete floor and stainless steel walls with a continuous gutter system. A pair of high-rate sand filters serve the system, which is disinfected with chlorine balanced with muriatic acid. A new separate 800 square foot splash-ground with 12 interchangeable features can be separated from the pool area in order to facilitate a longer public access season. The spray ground is equipped with a separate filtration/pumping/treatment plant from the main body of water. Sixmo also designed a new pump building to house the filtration equipment for both systems, in which all equipment is organized for ease of maintenance and longevity of life. Our portion of the design build team provided project management, aquatics design, architectural design, structural engineering, electrical system design, value engineering, and construction administration services for the project.



Owner: Village of Barnsville
Location: Barnsville, Ohio
Design: 2017
Status: Complete
Budget: \$1.5 Million
Scope: Full Architecture/ Engineering
Contact: Steve Truax, Astro Pool Company
Phone: 419-756-2444

Sixmo again teamed with the Astro Pool Company to undertake the design of improvements to the existing public swimming pool at the Village of Barnesville.

This project involved the expansion of the existing pool, and the replacement of the existing gutter system. This was accomplished by saw-cutting the top portion of the existing wall and removing wall and gutter to make way for a new continuous stainless steel gutter. The existing deck was also removed to make way for a new circulation system. The expansion included a new zero-depth entry. A new "dependent" spray pad was connected to the pool circulation system to add value to the project with reduced cost increase. The 220,000-gallon pool is supported by a pair of high-rate sand filters. The system is disinfected with chlorine balanced with muriatic acid.

Our portion of the design build team provided project management, aquatics design, value engineering, and construction administration services for the project.



Bainbrook Laurel Springs Pool Improvements

Location: Chagrin Falls, Ohio
Design: 2017
Scope: Full A/E
Budget: \$500,000

Improvements of 3,500SF including the addition of pool stairs, deck replacement, the installation of a new sprayground, clubhouse improvements, fencing, exterior architectural improvements, and associated aquatics, electrical, plumbing, mechanical engineering.



Hamilton Spray grounds

Location: Hamilton County, Ohio
Design: 2014
Scope: Aquatics Design

This project involved aquatics design, engineering for new sprayground. The new facilities include similar 1,400 square foot spray grounds with above-ground and flush set features at Wilson Park, North Park, Crawford Woods Park, Millikin Woods and Benninghofen Park.

Ontario Spray grounds

Location: City of Ontario
Design: 2021
Scope: Full A/E
Budget: \$500,000

Sixmo Inc was selected by Rain Drop Products to provide aquatics engineering and architectural design related to the new sprayground. The sprayground is approximately 80' x 62 feet in a rectangular configuration with 34 features.



Cleveland Central Rec

Location: Cleveland, Ohio
Design: 2019
Scope: Aquatics Design

Sixmo was selected in 2019 to undertake the design of improvements to the City of Cleveland's Central Recreations Center, specifically related to the existing swimming pool and associated systems.



Notable Aquatics Experience:

In the last 10 years, our team has been continuously engaged in the design and development of new and improved aquatics facilities throughout the Midwest. The following is a brief list of notable and/or relevant aquatics projects during that time period.

2023

- Estates on Main Pool Improvements, Columbus, Ohio
- Old Orchard Condominium Pool Improvements, Fairview Park, Ohio
- Hicksville Pool, Hicksville, Ohio

2022

- Lakewood Foster Pool, Lakewood, Ohio
- Jerome Village Lap Pool, Plain City, Ohio
- Mount Gilead Swimming Pool Improvements, Mount Gilead, Ohio
- Seneca Lake Marina Point Sprayground, Seneca Lake State Park, Ohio
- Seneca Lake Park Beach Sprayground, Seneca Lake State Park, Ohio
- Silver Lake Campground Sprayground, Mears, Michigan
- Brecksville Aquatic Center Indoor Pool Equipment Improvements, Brecksville, Ohio

2021

- Ottawa Memorial Swimming Pool Sprayground, Ottawa, Ohio
- Marshall Park Sprayground, Ontario, Ohio
- Mary Fate Park Sprayground, Plymouth, Ohio
- Woodhill Apartments Wading Pool, Cleveland, Ohio

2020

- Dublin Community Pool Dive Tower Foundations, Dublin, Ohio
- American Wilderness Campground Beach House, Grafton, Ohio
- Riverside Yacht Club Pool Code Compliance, Ashtabula, Ohio
- Lonnie Burton Recreation Center Pool Repairs, Cleveland, Ohio

2019

- Benwood City Park Sprayground, Benwood, West Virginia
- Ariel Hotel Pool Improvements, Lorain, Ohio
- Central Recreation Center Indoor Pool Improvements, Cleveland, Ohio
- Wading Pool at the Avenue, Cleveland, Ohio

2018

- Brecksville Outdoor Pool Shell System, Brecksville, Ohio
- Willoughby/Eastlake South Pool Shell System, Willoughby, Ohio
- Plymouth Aquatic Center Shell Structural Analysis, Plymouth, Indiana



2017

- Northam Park Pool Floor Improvements, Upper Arlington, Ohio
- St. Henry Park Pool, St. Henry, Ohio
- Barnesville Public Swimming Pool, Barnesville, Ohio
- Avalon Inn Pool Shell System, Warren, Ohio
- Valley Harbor Marina Pool Shell System, Vermilion, Ohio
- Home2Suites Indoor Pool Shell System, Stow, Ohio
- Laurel Lake Retirement Community Pool Shell System, Hudson, Ohio
- Shoreham Park Pool Improvements, Avon Lake, Ohio
- Grand Lakes St. Mary State Park Campground Pool, St Marys, Ohio

2016

- Indian Lakes State Park Campground Pool, Lakeview, Ohio
- Northam Park Pool Shell System, Upper Arlington, Ohio
- Settlers Walk Pool Improvements, Springboro, Ohio
- Booker T. Washington Community Center Sprayground, Hamilton, Ohio
- Holiday Inn Express Pool Shell System, Parkersburg, West Virginia
- Mueller Residence Pool Shell System, Hunting Valley, Ohio
- YMCA of DeKalb County Pool Shell System, Auburn, Indiana
- Fairfield Inn & Suites Pool Shell System, Belle Vernon, Pennsylvania
- Bainbrook Pool Improvements and New Sprayground, Chagrin Falls, Ohio

2015

- Crawford Sprayground, Hamilton, Ohio
- Millikin Woods Sprayground, Hamilton, Ohio
- Natatorium Study, City of Broadview Heights, Ohio

2014

- Benninghofen Park Sprayground, Hamilton, Ohio
- North Park Sprayground, Hamilton, Ohio
- Wilson Park Sprayground, Hamilton, Ohio
- Arcanum Wading Pool Improvements, Arcanum, Ohio
- Avon Municipal Aquatic Facility, Avon, Ohio



**ADDITIONAL TERMS AND CONDITIONS
(Architectural and Engineering Contracts Only)**

1. PLAN AND DRAWING DISTRIBUTION: All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.

2. PROJECT ADDENDA REQUIREMENTS: The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.

3. PRE-BID MEETING RESPONSIBILITIES: The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.

4. AIA DOCUMENTS: All construction contracts that will be completed in conjunction with architectural services procured under Chapter 5G of the West Virginia Code will be governed by the attached AIA documents, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein. The terms and conditions of this document shall prevail over anything contained in the AIA Documents or the Supplementary Conditions.

5. GREEN BUILDINGS MINIMUM ENERGY STANDARDS: In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.



DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

(Printed Name and Title) Patrick Thornton, AIA, Partner

(Address) 1101 Auburn Avenue, Cleveland, OH 44113

(Phone Number) / (Fax Number) 216 767 5400

(email address) patrick@sixmocompanies.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Sixmo Architecture _____

(Company)  _____

(Signature of Authorized Representative) _____

Patrick Thornton, AIA _____

(Printed Name and Title of Authorized Representative) (Date) _____

216 767 5400 _____

(Phone Number) (Fax Number) _____

patrick@sixmocompanies.com _____

(Email Address) _____