

# CITY OF WILLIAMSPORT, PA RESOLUTION

RESOLUTION # 9217

DATE 12-02-21

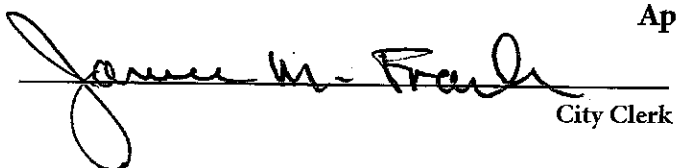
TITLE

## A RESOLUTION AWARDING THE INSTALLATION OF A PVC MEMBRANE SWIMMING POOL LINING SYSTEM AT THE MEMORIAL POOL

**BE IT HEREBY RESOLVED**, by the City Council of the City of Williamsport that the purchase and installation of a PVC Membrane Swimming Pool Lining System bid be awarded to Aquatic Renovation Systems, Inc. 2825 E. 55<sup>th</sup> Place Indianapolis, IN 46220.

**BE IT FURTHER RESOLVED** that the Mayor and City Controller be authorized to sign the necessary documents.

**BE IT FURTHER RESOLVED**, that the total cost for the contract is not to exceed \$129,105.00.

  
\_\_\_\_\_  
City Clerk

Approved

  
\_\_\_\_\_  
President



2825 E. 55th Place  
Indianapolis, IN 46220

**800.783.7005**  
**RenoSys.com**

## BID ALTERNATE SUMMARY – STAINLES STEEL SKIRT FOR GUTTER

Should the skirt NOT be used, the PVC Membrane compression bar used for termination would be installed to the concrete pool wall under the existing stainless steel gutter. The compression bar must be installed approx. 2" below the stainless steel gutter so as to prevent drilling into it during installation. This will leave an approx. 2" exposed gap of existing concrete wall between the liner termination and the bottom of the gutter. This gap of exposed concrete pool wall will require ongoing maintenance to clean, protect and paint as you normally would to ensure the integrity of the concrete and prevent water from getting under the stainless steel gutter.

The addition of the stainless steel skirt to the existing gutter system provides multiple benefits. The skirt provides the best possible termination method for the PVC Membrane by providing a solid, smooth surface for the liner termination bar to be attached too. The skirt also covers the concrete pool wall and eliminates the ongoing maintenance required to care for it. In addition, the skirt is fully welded to the gutter which prevents water from ever getting underneath the gutter.

Below are two typical details to show the difference between these two termination options.

NOTE: Our alternate bid price also includes pressure testing of the existing gutter to ensure that there are no pressurized leaks in the supply tube of the gutter. Should a leak be detected it would be repaired on a time and material basis via change order. A pressure test ensures that a pressurized leak is not present which would force water behind the membrane causing it balloon away from the wall.

*Focused on Aquatic Renovation & Construction™*

PVC Pool Membranes | PVC Pool Decking | Pool Gutters, Grating & Deck Drains | Stainless Steel & Concrete Pools | Elevated Pools & Spas

## Statement of Bidder's Qualifications

Bidder: Aquatic Renovation Systems, Inc. EIN: 35-1788802  
(a/k/a RenoSys Corporation)  
Address: 2825 E. 55<sup>th</sup> Place  
Indianapolis, IN 46220  
Phone: 317-251-0207 Fax: 317-251-0360  
Date: January 6, 2020

Aquatic Renovation Systems, Inc. was formed by Stewart J. Mart in Indianapolis, Indiana in 1988, and incorporated in the State of Indiana in 1990. The corporation has operated continuously under the same name since 1990, as a general contractor specializing in both the construction and renovation of commercial and municipal swimming pools. The corporation's aquatics-related products are marketed under the trade name "RenoSys", and the corporation is also known by the name "RenoSys Corporation", (a legal d/b/a).

Today, RenoSys Corporation is North America's oldest and largest manufacturer, distributor and installer of polymer products designed and formulated specifically for public swimming pool construction and renovation, and has successfully completed the construction and/or renovation of over 3,500 pool projects located in all fifty (50) states and eight (8) foreign countries, with a concentration on design build projects in which system evaluations are an integral to the finished project. RenoSys Corporation has never failed to complete any work awarded it, and has never defaulted on a contract.

Aquatic Renovations Systems, Inc. works directly, or along with, the following entities:

<u>Futura Pool Division:</u>	Structural pool renovation, steel pool and spa construction, stainless steel gutters and PVC gratings.
<u>RenoSys Liner Division:</u>	RenoSys PVC pool shell lining systems, formed in 1988.
<u>MetaFab Division:</u>	A full-service, metal fabricating facility, purchased in 2004.
<u>Poolequip.com:</u>	Is an LLC internet-based pool equipment sales organization. Provides grating products and safety padding for commercial pools.

RenoSys Corporation maintains a favorable banking relationship with Stock Yards Bank of Indianapolis, Indiana, with an existing credit line established. The principal contact at SYB is Jason Benson at 317-238-2853. Upon request, RenoSys Corporation is willing to furnish a detailed financial statement and any other related information that may be required by the Owner.

Pool construction projects completed in Year 2017 exceeded \$13,600,000. Sales completed in 2019 exceeded \$13,100,000.

Principal members of Aquatic Renovation Systems, Inc. are as follows:

Stewart J. Mart Chief Executive Officer  
36 Years' experience in the aquatics/recreation industry  
32 Years pool design, Construction and Renovation experience  
Current Position: 1988 to Present

Steve Comstock President  
40 Years pool component / Gutter / Mechanical design and fabrication  
40 Years pool construction and renovation experience  
Current position: 2002 to Present

Donald Palmer Exec. Vice President/CFO and Corporate Secretary  
B.S., Accounting/Finance  
Qualified with FAR & CAS/AIA Documents  
30+ Years experience in construction accounting  
Current position: 2018 to Present

Michael Comstock Vice President of Sales – Membrane Division  
17 Years' experience pool design / Construction / Renovation project negotiations  
Current position: 2003 to Present

Kym Webster Senior Sales Associate – Membrane Division  
18 Years' experience pool design / Construction / Project negotiations / Customer relations and Quality assurance.  
Current position: 2010 to Present

Gary Novitski Vice President of Commercial Construction Division  
17 Years' experience pool design / Production / Renovation project negotiations  
Responsible for all aspects of construction design / sales and completion.  
Current position: 2003 to Present

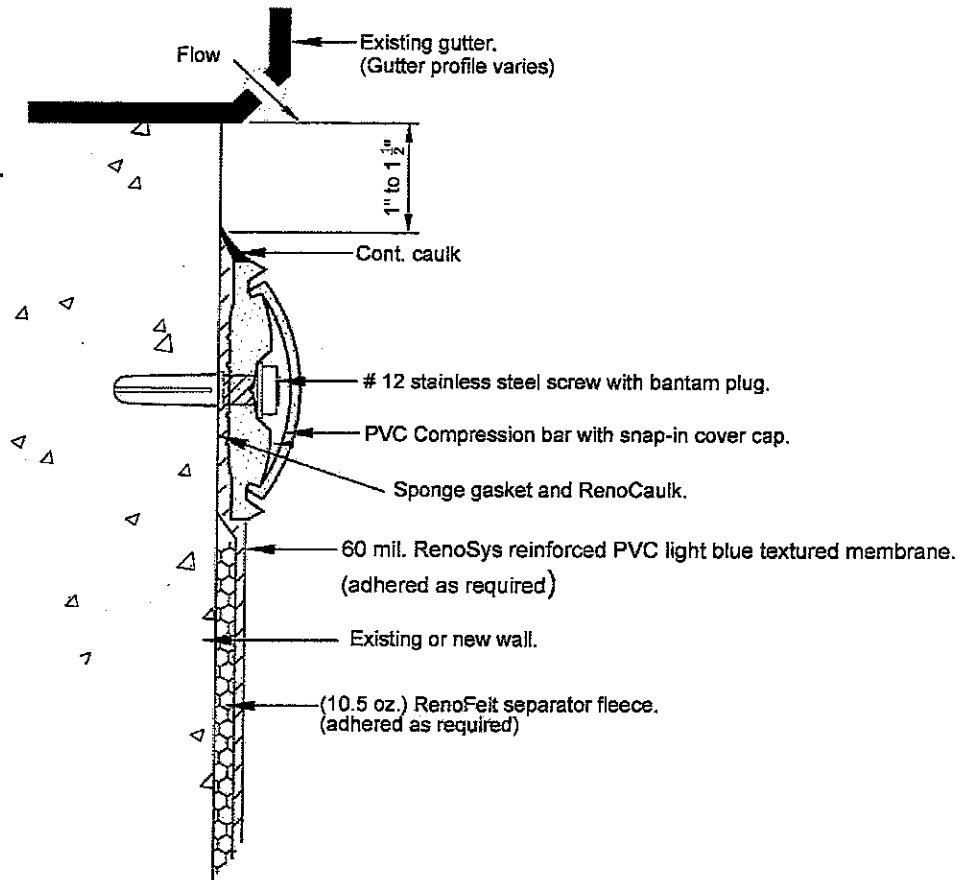
Insurance Company Pillar Group  
11708 N. College Avenue  
Carmel, IN 46032

Bank References Stock Yards Bank & Trust  
136 & Market Street  
Indianapolis, IN 46204


Bonding Company Merchants Bonding Company  
c/o Pillar Group  
11708 N. College Avenue  
Carmel, IN 46032

Note:  
System includes antimicrobial agent and RenoFelt adhesive (Not Shown)

## BASED BID TERMINATION

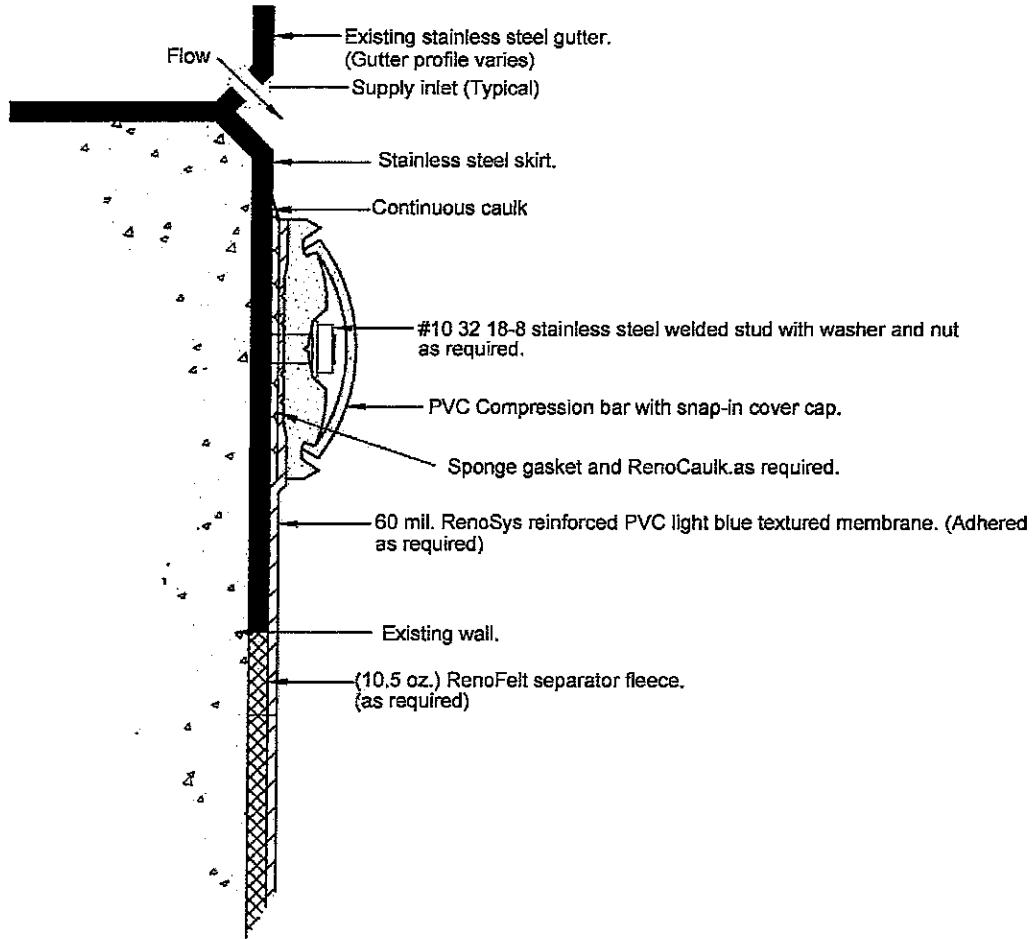


## PVC Liner Termination Under Existing Gutter


PROJECT TITLE <b>#0000</b> <small>abcde</small>	<b>NOT FOR CONSTRUCTION</b>	DRAWN BY <b>CMB</b>	CHECKED BY
FILE PATH: D:\CONTENT CENTER\Liner\Gutter Termination Details.dwg 11.4.2021		SCALE <b>AS SHOWN</b>	DATE <b>11.4.2021</b>
 <b>RenoSys</b> 2825 E. 55th Place Indianapolis, IN 46220 Toll Free: 800-783-7005 Phone: 317-251-0207 Fax: 317-251-0360 www.renosys.com	All designs and data included and implied within the contents of these documents are proprietary of ARS. ARS will not be held liable based upon inaccurate, unknown or limited information or conditions provided by the purchaser/owner to create enclosed contents. All submitted drawings, details and data are subject to verification, accuracy and approval by the purchaser/owner. We reserve the right to modify details without notice where conditions require. No documents shall be modified, copied or reproduced without express written consent of ARS. 2004-2021 ARS, Inc, All Rights Reserved.	DRAWING TITLE <b>PVC MEMBRANE TERMINATION DETAILS</b>	
		SHEET #	POOL INTERIOR <b>SP1.2</b>

Note:  
System includes antimicrobial agent and RenoFelt adhesive (Not Shown)

## ALTERNATE TERMINATION - SS SKIRT



## Typical Skirt Termination

PROJECT TITLE <b>#0000</b> abcde	<b>NOT FOR CONSTRUCTION</b>	DRAWN BY <b>CMB</b>	CHECKED BY
FILE PATH: D:\CONTENT CENTER\Liner\Gutter Termination Details.dwg 11.4.2021		SCALE <b>AS SHOWN</b>	DATE <b>11.4.2021</b>
 <b>RenoSys</b> 2825 E. 55th Place Indianapolis, IN 46220 Toll Free: 800-783-7005 Phone: 317-251-0207 Fax: 317-251-0360 www.renosys.com	All designs and data included and implied within the contents of these documents are proprietary of ARS. ARS will not be held liable based upon inaccurate, unknown or limited information or conditions provided by the purchaser/owner to create enclosed contents. All submitted drawings, details and data are subject to verification, accuracy and approval by the purchaser/owner. We reserve the right to modify details without notice where conditions require. No documents shall be modified, copied or reproduced without express written consent of ARS. 2004-2021 ARS, Inc, All Rights Reserved.		DRAWING TITLE <p style="text-align: center;"><b>PVC MEMBRANE TERMINATION DETAILS</b></p>
	SHEET #	POOL INTERIOR <p style="text-align: center;"><b>SP1.1</b></p>	



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
11/04/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Diamond Bros. Insurance, LLC 11708 North College Avenue Carmel IN 46032		<b>CONTACT NAME:</b> Nikki Jones <b>PHONE (A/C, No, Ext):</b> (317) 853-3500 <b>E-MAIL ADDRESS:</b> nikki.jones@diamondbros.com	<b>FAX (A/C, No):</b> (317) 853-3501
<b>INSURED</b> Aquatic Renovation Systems, Inc. dba Renosys Corporation 2825 East 55th Place Indianapolis IN 46220		<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> General Casualty Company of Wisconsin <b>INSURER B:</b> <b>INSURER C:</b> <b>INSURER D:</b> <b>INSURER E:</b> <b>INSURER F:</b>	
		<b>NAIC #</b> 24414	

**COVERAGES**      **CERTIFICATE NUMBER:** 21-22 ALLCOV      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVC	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:		CCH1376872	07/01/2021	07/01/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$	
A	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		CBA1376872	07/01/2021	07/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
A	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0		CCU1376872	07/01/2021	07/01/2022	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$	
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in IN) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	CWC1386855	07/01/2021	07/01/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Inland Marine		CCI1376872	07/01/2021	07/01/2022	Leased/Rented Equip 400,000 Installation 250,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

<b>CERTIFICATE HOLDER</b> Aquatic Renovation Systems, Inc. 2825 East 55th Place Indianapolis IN 46220	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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## SPECIFICATIONS SECTION 13

### ***PVC MEMBRANE SWIMMING POOL LINING SYSTEM***

#### **PART 1 GENERAL**

##### **1.1**

The following base bid is for a United States manufactured, 60 mil thick, 81" wide, reinforced textured PVC Pool renovation membrane. The specified product system consists of a 60 mil thick membrane with enhancements designed for maximal product durability and ease of maintenance over time as listed below; a sealed encapsulated machine edge, a wick proof polyester scrim reinforcement, including special additives designed to provide maximal UV and chlorine fade resistance. This specification is presented to establish a minimum level of material quality and to define the installation technique, material quality and experience levels required to perform the required work and is not designed to restrict in any way equal competitive bids. It is assumed that all products bid will be in literal compliance with the product and installation specifications provided herein. It is the purchasing agencies intention to consider any other alternate systems including materials manufactured in other countries, as long as they meet the minimal specifications and standards set herein. Manufactured material made without stain guard coatings, made without wick proof scrims, and manufactured employing standard dyes and materials without special UV and Chlorine fade resistance will not be considered. Bidders are required to bid the specified system as their base bid, any alternate material systems are to be quoted as an alternate to the base bid.

##### **1.2**

The individual components and installation criteria described below consists of a complete polyester scrim reinforced PVC membrane liner to be installed in accordance with these specifications and submitted drawings. Material rolls of reinforced PVC membrane shall be custom fit and fuse welded together using hot-air hand welders and machine welders (or preapproved equal). Termination of the PVC system shall occur as shown on the project drawings. Upon completion, the pool lining system shall provide a waterproof lining of the existing pool over the poly felt (poly felt-as required) complete with all necessary hardware, fittings, attachments, flanges, gaskets and all appropriate inside pool markings, as required to meet applicable state pool codes.

##### **1.3**

*NOTE: PRIOR APPROVAL OF A SPECIFIC PVC MATERIAL DOES NOT ALLOW THE INSTALLING CONTRACTOR TO DEVIATE IN ANY MANNER FROM THE SPECIFIED INSTALLATION METHODS AS OUTLINED IN THESE SPECIFICATIONS NOR DOES IT CONSTITUTE ACCEPTANCE OF ANY DEVIATION FROM THIS LEVEL OF QUALITY, OR WARRANTY REQUIREMENTS.*

#### **1.02 SUBMITTALS**

- A.) Shop Drawings: Show fabrication and connection details for all connections to existing pool structure.
- B.) Provide standard catalogue sheets and installation instructions for each item specified.
- C.) Provide 2' x 2' samples of PVC Membrane for chemical and UV testing purposes, if required. Include 10.5 oz felt-as required, PVC coated Stainless Steel, countersunk fastener to be employed at flanges, and marking samples and a 1'x 1' sample of the adhesive attaching the PVC to the Felt under layer. Also supply 4 - 2" x 2" PVC to felt samples for water testing of adhesive bond. Adhesive must hold felt to PVC to felt after a 24 hour water immersion test.
- D.) Provide written documentation of project foreman certification.
- E.) Contract Closeout Submittals:
  - 1) Provide Care & Maintenance Guide.
  - 2) Provide copy of the supplier's 10-year PVC material warranty. Warranty should completely cover the material against leakage, delaminating, bubbling, pitting, shearing, tearing, cracking or crazing or any material workmanship or defects. The warranty must include the above, plus include a 10-year weld warranty on all PVC welding including targets, racing lanes and markings. In the event of failure of the lining system the bidder shall repair and/or replace the damaged section.

#### **1.03 QUALITY ASSURANCE**

- A.) Pool material supplier and the actual pool membrane manufacturer shall have been engaged in the manufacture of PVC membranes for use in Swimming Pools for a minimum of Ten (10) Years. Manufacturer shall employ only 100% virgin vinyl throughout the manufacturing process. All PVC membrane components shall be from the same manufacturer to assure compatibility of components and weld ability over time. Products manufactured using recycled materials will not be allowed.
- B.) Contractor must demonstrate a minimum of 10 pools of similar size installed by its staff-utilizing site built reinforced PVC membrane materials.



C.) The foreman provided by the installer shall be certified competent in installing PVC membrane materials by the membrane supplier and shall have a minimum of two years experience welding PVC membranes for pool applications.

D.) Pre-award material chlorine testing. A 2' x 2' sample of the actual material to be employed on the subject project shall be provided for the purpose of testing prior to project award. Sample shall be subjected to a 24-hour chemical resistance test simulating extreme exposure to 100% powdered tri-chlor chlorine. A small 3" x 3" sample of all products submitted in accordance with these bid instructions shall be placed in a shallow plastic container with water and a ½ teaspoon of 100% tri-chlor in powder form shall be applied to the surface of each material and left undisturbed for a period of 48 hours. Fading, the material condition and durability of the samples shall be evaluated by the owner and shall be used in final evaluation for award. A sample of actual materials employed on the project may also be tested to confirm the material quality of products actually employed.

E.) Bidders shall initial each item, and execute and return with the bid, the enclosed PVC liner bidder certification and representation sheet. Failure to include this sheet properly executed shall invalidate the bid.

#### **1.04 DELIVERY, STORAGE AND HANDLING**

All materials required for the completion of this project shall be delivered to the project site in a manner designed to prevent damage. No hooks or forks shall be used for unloading. The contractor shall perform or direct the unloading of all materials. Materials shall be stored in a flat, dry area in a manner that will not damage them. All materials provided are to be new and in unopened packaging.

#### **1.05 PROJECT SITE CONDITIONS**

The contractor (to a level in accordance with the supplier's requirements) shall prepare project site. All burrs and rough edges shall be ground smooth or covered accordingly. Severe pits and voids shall be filled with a vinyl or epoxy concrete patch compound. All working cracks, expansion joints or voids shall be isolated from the 10.5 oz poly felt layer (as required) over the installed rigid stainless steel or plastic expansion strips. All oil and tar must be removed from the pool or covered with appropriate isolation materials.

#### **1.06 WARRANTY**

The flexible PVC membrane system shall be warranted by the supplier for workmanship, materials, and shall be specifically warranted to not delaminate, pit, crack, require additional sealing, tear, or become structurally unsuitable for its intended purpose for a period of 10 (ten) years. Additionally, the contractor shall warrant against delaminating at all heat welds at seams and racing lanes for a period of 10 (ten) years. In the event the material should become unusable during this period, the manufacturer and installer agree to repair and/or replace the defective sections. All other products such as fasteners, caulk, fittings, etc... shall carry a one (1) year warranty. Any equipment provided shall carry the manufacturer's warranty. **Note: Calcium Hypochlorite will damage the PVC membrane system and will void the warranty.**

### **PART II PRODUCTS**

#### **2.01 MANUFACTURERS**

The material manufacturer shall have been engaged in the formulation and manufacture of reinforced PVC membranes for use in commercial pools for greater than ten (10) years.

#### **2.02 MATERIALS**

All individual components utilized to renovate the project pool shall be completely compatible with the pool environment and shall be supplied by one supplier as a system to assure compatibility and to assure a single source of responsibility. All PVC membrane components shall be from the same manufacturer to assure identical formulations, weld compatibility, and to ascertain identical product molecular weights. Material shall possess an embossed standard slip-resistance throughout the pool to provide slip-resistance to pool bathers or as required by the owner. An extra aggressive slip-resistant material on steps, gutters, ramps and zero depth entry areas up to water depth minimum of 24" deep.

Material Specifications shall be provided meeting or exceeding the following Physical Properties of the specified system.

**RenoSys Endura Series PVC Pool Membrane Typical Material Properties**

**Description:** Polyester reinforced PVC membrane Pool Renovation Membrane System. The PVC membrane is available in two, easy to clean textures. Provide membrane with a ten (10) year warranty.

**Compound:** Maximal UV resistance, chlorine impervious PVC compounded for the pool environment. Product shall be compounded with permanent dyes, permanent plasticizers, UV inhibitors, and antifungal agents.

**Reinforcement:** Non-wicking Polyester scrim fabric 1000 Denier yarn 9X9 per inch count.  
**Ref #:** #Ripple/8125m60 pool membrane (Endura Series)

Property		Machine Direction Transverse Direction	Test Method	Result
Thickness			ASTM D-751	60 mil.
Break Strength	@ Yield (lbs in)	MD	ASTM D-751	220
Tear Resistance	(lbs)	MD	ASTM D-751	85.0
Fungal & Bacterial Resistance		TD	ASTM G-21	No growth or staining
Cold Flex Resistance	1/8" Mandrel		ASTM D-2136	Pass -40° C
Ply Adhesion	(lbs) Method type A		ASTM D-413	10
% Dim. Stability	(15 min. 212 Deg.)	MD	ASTM D1204	2.0%
Volatility	% weight loss, max.	TD	ASTM D-1203	< 1%
Specific Gravity			ASTM D-752	1.235
Water Resistance	% weight loss, max.		ASTM D-1239	+0.3%
Puncture Resistance	(lbs. min.)		ASTM D-4833	135
Delamination Resistance	(lbs. in)	MD		12.0
UV Resistance	(% retained after exposure)		ASTM D-4355	100

**Testing Agency:** ASTM - American Society for Testing and Materials  
**Test Method Definitions:** MD - Machine Direction; TD - Transverse Direction

**2.03 SYSTEM COMPONENTS**

- A.) Pool lining membrane shall be rolls of flexible 81" wide, x 25 meters long x 60 mil thick 100% virgin PVC material fully UV and chlorine stabilized, reinforced with a wick proof scrim. Reinforcing scrim shall consist of a tightly woven polyester 9 x 9 thread spacing per inch, 1,000 denier thread for tear and puncture resistance. To prevent material delamination due to freezing conditions, this scrim shall be offset approximately 1/4" from the edge and shall be fully machine edge encapsulated. The scrim shall be kept from contacting the pool water along the machine edge of the material to prevent moisture seeping between the layers. The material shall be applied with a slip-resistant/textured side "out" as required by the owner. The floor area, the gutter perimeter, ramps and step areas to provide with a slip-resistance. All welds shall be accomplished employing hot-air welding. No solvent welding of PVC materials shall be allowed on this project. No double stick Mylar or other tapes are permitted under the liner on this project unless pre-approved. Seams shall be tacked, a continuous air entrapment weld shall be applied continuous on all welds, and then a minimum 3/4" wide final weld shall be installed. No burning of the material shall be permitted.
- B.) Racing lanes, targets and marking strips shall be provided by the supplier and colored black on the textured side and light blue on the reverse side to prevent black bleeding along the weld zone. All markings shall be as per local pool state code requirements.

- C.) An anti microbial product fully compatible with the PVC membrane shall be sprayed or rolled on under the felt (felt-as required) material to discourage microbial growth under the system.
- D.) Adhesives that are not weakened when exposed to water immersion and that are fully compatible and suitable for bonding to the PVC material and the felt layer shall be provided that are designed to chemically bond to the PVC material and to fully attach the Geotextile fabric to the pool walls (and floor where required). NOTE: ALL WALLS AND DIVE HOPPER AND THREE FOOT OF PERIMETER SHALL BE ADHERED OVER POLY FELT - IF REQUIRED. All poly felt is to be bonded to the pool. Additionally all PVC material employed on all pool walls and in dive hoppers shall be fully adhered as a condition of these specifications. Any adhesives that are water-soluble shall not be allowed under the scope of these bid documents to prevent the Geotextile fabric from shifting under the membrane. PVC adhesive shall be further designed to be resistant to Plasticizer migration. Adhesive on project shall be water impermeable RenoBond or Nordot #34 only. No tacking of the PVC wall and floor sections to PVC metal strips is intended under this base bid specification. Alternate non-adhered systems may only be bid as an alternate to the base bid.
- E.) An under layer of 10.5 oz felt (if required) shall be installed fully adhered with the appropriate adhesive throughout the entire pool.
- F.) PVC coated Stainless Steel or aluminum metal shall be installed where detailed or as required to make for a satisfactory installation. Galvanized PVC coated steel shall not be acceptable for use on this project.
- G.) Trim away poly felt and compress liner around perimeter as detailed in the accompanying installation details.
- H.) Flanges at all penetrations shall be constructed of Type I Exterior grade Hard PVC Sheet and CNC custom fabricated, radius, and drilled as required for use at all membrane penetrations. Flanges will be custom fabricated to fit as close to existing pool fittings as is practical and possible based on substrate conditions around penetrations. All bolts used to fasten any compression bar shall be countersunk to allow for a flush installation. All metal fasteners employed shall be of 18-8 stainless steel.
- I.) 4" to 6" wide plastic or stainless steel 25-gauge plate shall be fastened on one side to the sub-straight over all active expansion joints and working cracks. Galvanized steel shall not be acceptable.
- J.) Caulking shall be installed where required by installation details, and shall be Novagard underwater grade caulk or prior approved equal. Caulking shall only be used at pool penetrations and terminations and shall not be employed for joining seams.
- K.) Membrane supplier shall provide complete care instructions, PVC underwater patch kit, warranty certificate and 100 square foot of liner material. Owner's agent is also to be trained in the proper method of repairing the membrane underwater as a part of this installation.

## **PART III EXECUTION**

### **3.01 EXAMINATION**

Installation crew shall inspect the pool surface at the beginning of the project and shall advise owner as soon as practicable of any existing conditions which might affect the satisfactory installation of the pool membrane lining product.

### **3.02 PREPARATION**

The pool shall be prepared for the installation of the membrane in accordance with the supplier's technical data and these specifications.

### **3.03 INSTALLATION AND APPLICATIONS**

A.) Installation shall be performed by installers certified competent by the supplier whose experience is fully in compliance with the terms of these specifications. The PVC membrane installation shall be completely supported by the structural walls in all respects. The material shall be completely supported by structural walls at all corners and wall/floor junctures before the pool is filled. Due to the inordinate stress induced at seams and fittings by water pressure, in no case shall gaps, voids or spaces be allowed behind the membrane before water is added. Stretch fitting the PVC membrane material will not be allowed.

B.) The installation procedures employed in the execution of this project are to be fully in accordance with the supplier recommendations and current Technical Data. If any terms or conditions of this contract contradict recommended procedures of the manufacturer or supplier, work will supersede those contradictions and will remain in accordance with the manufacturer and supplier requirements. However, should an alteration be required, then a written notice for any variances from these specifications must be provided to the project architect/owner in advance of any such actual work being performed in the field.

C.) Work is to be performed as follows:

- a) Prepare pool surface as per specifications and suppliers recommendations.
- b) Span any cracks or voids with Stainless Steel sheet 25-gauge or 1/16th inch hard plastic plate and pinned into place with appropriate fasteners.
- c) Apply sanitizing agent.
- d) Apply adhesive to pool walls and floors where required and attach 10.5 oz poly felt (if required) to all walls and floor. Trim away excess at compression fittings.
- e) Apply poly felt material (if required) throughout pool with *water insoluble adhesives*.
- f) Install non corrosive coated PVC Steel where required.
- g) Apply PVC membrane to pool as detailed in the plans and overlap weld (allowing a 2" overlap) with a minimum 3/4" wide final weld. All hand welding is to be performed with a hot-air welder. No Solvent welding, glue welding or THF Swell agent welding is permitted on this project. No voids at wall/floor junctures shall be permitted in this installation. No double stick tapes are permitted - unless pre-approved.
- h) Provide PVC markings, targets, racing lanes, logo etc. as required and directed by plans and required by state codes. Targets and lane lines shall be fully welded to the walls and floor as indicated on the prints.
- i) Attach Compression flanges and gaskets as shown on the drawings or in accordance with supplier's recommendations. Fastener spacing shall not be greater than 3" O.C. All fastener heads shall be countersunk - if warranted.
- j) Prime and caulk the perimeter termination and wherever else is required to make for a suitable and proper watertight fitting.
- k) Inspect all seams in the pool with a roofing probe to ascertain that there are no false welds, pinholes or missed areas. Seal all seam edges with edge sealant - as required in installation bulletins.
- l) Broom clean pool and surrounding deck area. Remove any marks or "dirty" spots. Remove all trash and debris to the owner's dumpster.
- m) Provide a service and care session of approximately one hour with the owners' designated agent. Provide patch kit, care instructions in a written format, plus approximately 100 square feet of color matched liner material.



April 29, 2020

Re: Letter of recommendation for RenoSys Corporation

To whom it may concern:

Badger Swimpools, Inc has enjoyed a long history of working with RenoSys Corporation. Our relationship has been mutually beneficial over the years and one that we are proud of.

RenoSys Corporation has supplied quality products and performed extremely well as a subcontractor on a wide variety of projects that we have worked upon in the upper Midwest. The staff at RenoSys is extremely helpful and very timely in producing quotations, plans, shop drawings and providing technical expertise gained through their vast experiences.

I would not hesitate to contract with them to complete any aquatics related project. If you have any questions regarding our relationship with RenoSys Corporation or my personal feelings regarding working with them, please contact me at (608) 643-6440 ext. 33.

Regards,

Robert E. Jelinek  
President  
Badger Swimpools, Inc.  
[www.badgerswimpools.com](http://www.badgerswimpools.com)

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**Badger Swimpools, Inc. • N789 Golf Road, Prairie du Sac, WI 53578 • Ph: 608-643-6440; Fx: 608-643-3732**



To: Anyone Considering A Major Pool Project  
From: Steve Beaman, Superintendent of Parks and Recreation, City of Vincennes, IN  
Re: Working with RenoSys Corporation

I am writing to share our incredibly positive experience working with the professionals at RenoSys Corporation who in concert with our community design team, Designed and Built a beautiful \$4,000,000 new Waterpark Complex at Rainbow Beach Park in Vincennes, IN. This facility is the heart of our local community and the team at RenoSys worked diligently and professionally to meet our design and construction needs. At every point they were conscientious and went above and beyond to get the project completed beautifully and in a timely fashion. The after sale service and willingness to help us with operational questions has also completely exceeded our expectations. In short, we couldn't have asked for a better construction partner than the team at RenoSys. There are good reasons they have been in business for over 30 years.

I would highly recommend anyone contemplating a new pool or a major renovation to put their project in the capable hands of the team at RenoSys.

Feel free to contact me should you require any further information.

Sincerely,

Steve Beaman  
Superintendent Vincennes Parks Department

**CONTRACTOR STATUS INFORMATION**

Williamsport - Memorial Park  
Swimming Pool - Membrane

**INSTRUCTIONS:** Please fill in the appropriate section below completing all blanks within the section. This information is necessary to ensure that the contract and bonds are in the correct form.

**SECTION 1:** If the contractor is a sole proprietor, fill in this section only:

Name: \_\_\_\_\_  
First Middle Last

Name under which you are engaged in business (if operating under as assumed name):  
\_\_\_\_\_

Place of residence: \_\_\_\_\_  
County State

**SECTION 2:** If the contractor is a partnership, fill in this section only:

<u>Name of Partner</u>			<u>Place of Residence</u>	
First	Middle	Last	County	State

Name under which you are engaged in business (if operating under an assumed name):  
\_\_\_\_\_

Principal place of business: \_\_\_\_\_  
County State

**SECTION 3:** If the contractor is a corporation, fill in this section only:

Name of corporation: Aquatic Renovation Systems D.B.A. RenoSys Corp.

State of corporation: Indiana

Location of principal office: 2825 E 55<sup>th</sup> Pl., Indianapolis, IN 46220

Person executing contract on behalf of corporation:

Name: Steve Comstock (Please Print)

Title: President (Please Print)

Address: 2825 E 55<sup>th</sup> Pl., Indianapolis, IN 46220



PROPOSAL AND CONTRACT  
(WHEN EXECUTED)  
INSTRUCTIONS ON PAGE 4

THIS PROPOSAL INCLUDES  
INSTRUCTIONS TO BIDDERS

A. DEPOSIT OF PROPOSALS.

All envelopes containing Bid proposals shall be clearly marked "Bid Proposal for letting of Williamsport - Memorial Park Swimming Pool - Membrane DATE

SEE DATE ON PENNBID

Sealed Proposals will be received on or before See time on PennBid on the above Letting Date. TIME

City of Williamsport  
MUNICIPALITY (NAME & TYPE)

Janice Frank, City Clerk  
SECRETARY

City Hall, 245 W 4<sup>th</sup> St  
Williamsport, PA 17701  
ADDRESS

Bids will be opened and read at approximately N/A - PennBid on the above Letting Date. TIME

PROPOSALS MUST BE MAILED OR OTHERWISE DELIVERED TO THE ABOVE ADDRESS.

- The contractor proposes to furnish and deliver all materials ( including Form CS-4171, CERTIFICATE OF COMPLIANCE and/ or TR-465 DAILY BITUMINOUS MIXTURE CERTIFICATION ) and to do and perform all work on the following project as more specifically set forth in the Schedule of Prices (Attachment), in accordance with drawings and specifications on file at \_\_\_\_\_ as well as the supplements and special requirements contained herein and/ or attached hereto and current PennDOT Specifications (Publication 408), except (a) bidders need not be prequalified by PennDOT (Sec. 102.01), and (b) Volumetric testing of bituminous paving materials is not required (Sec. 409).
- If designated as the successful bidder, the contractor will begin work on the date specified in the notice to proceed, or as otherwise provided in the special requirements, and will complete all work within \_\_\_\_\_ calendar days.
- Accompanying this proposal is a certified check or bid bond in the amount of \_\_\_\_\_ 5% made payable to the municipality as a proposal guarantee which, it is understood, will be forfeited in case the contractor fails to comply with the requirements of the proposal.

B. PROPOSAL OF: RenoSys Corp.  
2825 E 155<sup>th</sup> Pl.  
Indianapolis, IN 46220  
NAME / ADDRESS OF CONTRACTOR

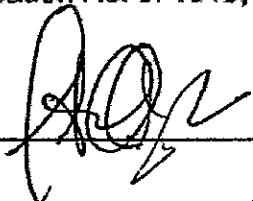
CONTRACTORS CERTIFICATION

It is hereby certified as follows:

- The only person interested in the proposal as principal (s) is (are):  
Steve Comstock
- None of the above persons are employees of the municipality.
- This proposal is made without collusion with any other person, firm or corporation.
- All plans and specifications referred to above and the site of the work have been examined by the contractor. The contractor understands that the quantities indicated herein are approximate and are subject to change as may be required; and that all work is payable on the basis of the unit price listed on the Schedule of Prices. (Attachment 1).



- 5 The contractor will comply with all requirements of the laws and implementing regulations of the Commonwealth of Pennsylvania and the United States relating to human relations, equal opportunity and non-discrimination in employment, and will pay to workmen employed in the performance of the contract the wages to which they may be entitled.
  
- 6 The contractor will provide the municipality with a performance bond, conditioned upon the faithful performance of the contract in accordance with the plans, specifications and conditions thereof, and a payment bond, conditioned on the prompt payment of all material furnished and labor supplied or performed in the prosecution of the work, in accordance with the Public Works Contractors' Bond Law of 1967; and an affidavit accepting the provisions of the Workmen's Compensation Act of 1915, as amended.

  
\_\_\_\_\_  
CONTRACTOR

BY: President DATE: 11/04/21  
TITLE:

WITNESSED OR ATTESTED BY: Patricia Rife, SALES DATE: 11/04/21  
TITLE:

TO BE EXECUTED ONLY IN THE EVENT THE ABOVE PROPOSAL IS ACCEPTED

ACCEPTED ON: \_\_\_\_\_  
DATE

City of Williamsport  
MUNICIPALITY

BY: \_\_\_\_\_  
TITLE:

BY: \_\_\_\_\_  
TITLE:

BY: \_\_\_\_\_  
TITLE:



ATTESTED BY: \_\_\_\_\_  
TITLE:

ANTI-COLLUSION AFFIDAVIT



County Lycoming  
 Municipality City of Williamsport  
 Project Number Williamsport - Memorial Park Swimming Pool - Membrane  
 Fed. Project No. \_\_\_\_\_  
 (If Applicable)

State of Indiana  
 County of Marion

The undersigned deponent deposes and says that he is the President of the RenoSys Corp. Company; that he is authorized to make this affidavit on behalf of said company in compliance with section 102.06 (e) of Department Specifications, Publication 408, as amended and that the said company has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract.

[Signature]  
 \_\_\_\_\_  
 (Contractor)

BY

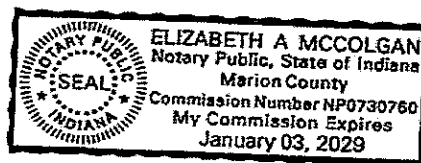
STEVE COMSTOCK PRESIDENT

Sworn to and subscribed before me the undersigned notary public this

4<sup>th</sup> day of November, 2021

[Signature]  
 Notary Public

My Commission expires Jan 3, 2029





On Your Side™

# Nationwide Mutual Insurance Company

Home Office: Columbus, Ohio  
Surety Administrative Office:  
7 World Trade Center, 37<sup>th</sup> Floor  
250 Greenwich Street  
New York, NY 10007-0033

## BID BOND

Nationwide Mutual Insurance Company vouches that this document conforms to  
American Institute of Architects Document A310, 2010 Edition.

CONTRACTOR: (Name, legal status and address)

Aquatic Renovation Systems, Inc.

2825 E. 55th Place

Indianapolis, IN 46220

SURETY: (Name, legal status and principal place of business)

Nationwide Mutual Insurance Company

7 World Trade Center, 37<sup>th</sup> Floor

250 Greenwich Street

New York, NY 10007-0033

OWNER: (Name, legal status and address)

City of Williamsport

245 W 4th St.

Williamsport, PA 17701

BOND AMOUNT: Five Percent of the Maximum Amount of the Total Bid (5%)

PROJECT: (Name, location or address, and Project number, if any) Williamsport - Memorial Park Swimming Pool - Membrane;  
1744 W 4th St., Williamsport, PA 17701

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed, and sealed this 1<sup>st</sup> day of November, 2021

(Witness to Principal)

Aquatic Renovation Systems, Inc.

(Principal's Signature)

(Seal)

(Title)

Nationwide Mutual Insurance Company

(Surety)

(Seal)

By: Robert L. Sherfick

Robert L. Sherfick, Attorney-in-Fact

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint;

Jason D. McEldowney; Robert L. Sherfick; John W. Hannon III

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 20th day of August, 2021.

*[Handwritten Signature]*

Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK COUNTY OF NEW YORK: ss

On this 20th day of August, 2021, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



Stephanie Rubino McArthur  
Notary Public, State of New York  
No. 02MC8270117  
Qualified in New York County  
Commission Expires October 19, 2024

*[Handwritten Signature]*

Notary Public  
My Commission Expires  
October 19, 2024

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 1st day of November, 2021.

*[Handwritten Signature]*

Assistant Secretary



2825 E. 55th Place  
Indianapolis, IN 46220

800.783.7005  
RenoSys.com

November 4, 2021

## Memorial Pool – Williamsport, PA

### RenoSys PVC Membrane QUOTATION

Install new RenoSys 60 mil PVC Pool Membrane System in the existing pool employing the following components and services:

- Broom clean pool surface and remove dirt and debris.
- Coat interior of pool with sanitizing agent. Apply RenoFelt adhesive as required.
- Apply RenoFelt 11 (150 mil) to isolate membrane from the pool (as required).
- Install the 60 mil RenoSys PVC membrane through hot air welding throughout.
- **RenoSys PVC Pool Membrane to terminate at top of concrete pool wall below ss gutter.**
- Cut out for all main drains, inlets, skimmers, and lights in pool. All pool penetrations will be terminated with custom fabricated PVC compression flanges.
- Complete additional perimeter caulking, detail work, and finish work to make a complete watertight installation.
- Install Depth/No Diving markers, Lane Lines, Targets and Pool Safety markings onto surface membrane to match existing, if applicable.
- Custom Logos and embellishments will be priced separately, upon request.
- Clean site suitable for pool filling and perform final inspection.
- Pool Membrane and all welds shall carry a **10 year limited warranty.**
- Other installation items shall carry a **1 year limited warranty.** (e.g. caulk, fasteners at compression fittings etc...)

**RenoSys PVC Pool Membrane ..... Furnished & Installed ..... \$101,119.00**

**ALTERNATE OPTION: Furnish and install fully welded stainless steel skirt to bottom of gutter for liner termination.  
Price includes pressure test of gutter.....\$27,986.00**

Quotation is based off of measurements shown on Drawing P-101 by Wade Associated LLC dated 2-11-14. Minimal surface prep, (8 Total Man Hours) is included in this proposal. All submitted drawings, details and data are subject to verification for accuracy and approval by the purchaser/owner. ARS will not be held liable for errors, mishaps or unintended outcomes resulting from inaccuracies, incomplete information or unsatisfactory conditions provided by the purchaser/owner in facilitating the agreed scope of work. In the event that an immediate change to the agreed scope is required to achieve a successful outcome, we reserve the right to modify details in the field without notice where conditions require. All obstructions, i.e. furnishings, equipment, etc. are to be removed in advance by others, and re-installed by others. If requested, additional work may be performed by our personnel and charged on a Time & Material basis, upon receipt of an approved Change Order signed by both parties. No taxes (sales, use, local, county, state, B&O, privilege, and/or other applicable taxes), bonds, permits, or prevailing wages are included in this estimate. While every effort will be made to accommodate the customer's scheduling wishes, project size, location, and crew availability will govern final scheduling. Priority scheduling requires that all payments and accompanying paperwork be received by our representatives in a timely manner. Any other work required on or around pool site must be completed prior to liner crew arrival. Once on site, it is assumed that our crew will be able to work unencumbered by others. All work stoppages resulting from customer's delay(s) will incur charges to the customer equal to working man hours, as well as Lodging, \$2,500.00 Remobilization Fee, and all applicable charges. On-site parking and dumpster are to be provided by the customer at no charge to RenoSys or its agents. Complete terms and conditions on page 2.

I have read and understand the information contained on the reverse side of this contract, conditions, installation, and quotation and agree to the terms within.

For Aquatic Renovations Systems, Inc.

\_\_\_\_\_  
Steve C. Comstock / President

\_\_\_\_\_  
Date

Derek Slaughter  
Customer (Signature):

Derek Slaughter / Mayor  
Print Name / Title

12-02-21  
Date

Janice French  
City Clerk

*Focused on Aquatic Renovation & Construction™*

PVC Pool Membranes | PVC Pool Decking | Pool Gutters, Grating & Deck Drains | Stainless Steel & Concrete Pools | Elevated Pools & Spas

## Agreement for Installation of a RenoSys PVC Membrane System

This contract, entered into between Aquatic Renovation Systems, Inc., and "Purchaser" is for the purpose of having ARS furnish and install the RenoSys PVC Membrane System and for additional services or options, if any, as outlined on page #1 of the attached proposal. Pricing is to include the installation of the RenoSys PVC Membrane System in accordance with the standard specifications and technical directives for a RenoSys PVC Membrane System

This contract is subject to the following terms and conditions:

- 1) The contract sum listed on page #1 covers only the products and services specifically mentioned therein. No modifications, additions, or deletions will be accepted except by written request via re-submission of modifications to the contract scope and/or approved amount authorized by written change order signed by both parties.
- 2) Every effort has been made to be as accurate and complete in the submittal documents and the related scope of work as possible. Verification shall be the responsibility of the purchaser during the submittal approval process. No work will proceed without the written approval "sign-off" of the submittal package by the purchaser.
- 3) Payment terms for the contracted work will be paid as follows: 25% upon contract execution, 50% upon arrival and 25% upon substantial completion (2 days prior to completion).
- 4) All amounts past due shall be subject to a 1.5% service charge per month as to work or services that have been completed to date. Utilization of the pool constitutes substantial completion and acceptance of the PVC Membrane System. Aquatic Renovation Systems will invoice for stored material, when applicable.
- 5) Although every effort will be made to meet the delivery and installation requirements, ARS will not be held liable for any delays caused by transportation, strikes, fires, Government entities, acts of God or under any circumstances such as *force majeure*. Please be advised that vagaries in weather can and will affect the installation schedule. Any and all Liquidated or Consequential damages are not part of this contract and ARS shall not be financially penalized for any reason by any or all delays.
- 6) Labor will be performed and invoiced by Aquatic Renovation Systems, Inc.
- 7) Material will be furnished, shipped and invoiced by Poolequip LLC.
- 8) Pricing is provided in US Dollars.
- 9) Should the need for change orders arise from either party, no work will be performed prior to the execution of the change order by both parties. Further, the payment terms of any change order will be fifty percent (50%) upon execution of the change order with the balance due upon completion of said change order; unless other arrangements are agreed upon in writing by both parties.
- 10) No sales, use, local, county, state, B&O, privilege and/or other applicable taxes are included in this proposal, and purchaser agrees to pay all taxes imposed upon seller by state and/or federal regulation as it pertains to this contract. Taxes will be added and paid by purchaser unless a valid Sales Tax Exemption Form is provided. Use tax may still be required to be paid by the purchaser, even if the entity is tax exempt.
- 11) If either party does not comply with the terms and conditions set forth herein, then in addition to all other remedies available to the other party at law or in equity, the non-complying party shall be liable to the other party for its reasonable attorney fees, costs, and expenses incurred in enforcing the terms and conditions of this agreement.
- 12) This agreement and any amendments thereto shall be binding upon and inure to the benefit of the parties, their respective heirs, assigns, personal representatives and/or successors in interest.
- 13) The State Laws of the State of Indiana shall govern this Contract. Purchaser hereby agrees that the State of Indiana and Marion County possesses exclusive jurisdiction to resolve disputes arising under this Contract.
- 14) ARS is not responsible for any consequential or liquidated damages. In addition, damages resulting from any hydrostatic "ground water" conditions or from a leaking recirculation system causing the pool membrane to fail from such damage is not a warranted item. When applicable; existing pool piping, perimeter gutters and hydrostatic ground water testing will be the complete responsibility and cost to the owner.
- 15) ARS agrees to furnish a standard Insurance Certificate listing Purchaser as an additional insured, indicating proof of workmen's compensation coverage, and listing general liability protection limits of at least one million dollars (\$1,000,000.00).
- 16) RenoSys Corporation is not responsible for filling or draining of the swimming pool water; nor will RenoSys Corporation absorb such cost for any reason.
- 17) Please be advised that in the event that the project is cancelled by the owner or owners' representative, 25% of the total contract amount will be assessed to the purchaser.

### Specifications and Contract Conditions for a RenoSys PVC Membrane System Installed

Primary pool lining membrane shall be a flexible 60 mil double ply PVC material UV stabilized, and reinforced with internal polyester webbing. The material shall be formulated using anti-fungal agents and manufactured specifically for use in the commercial pool environments. Clients purchasing RenoSys materials are solely responsible for determining the suitability and compatibility of the RenoSys products for their application. RenoSys will not be responsible for materials reaction to water, substrate, soil or pool chemicals.

Geo-textile fabric underlayment of 100% polyester approximately 150 mils thick to isolate and separate the RenoSys PVC Membrane from the pool wall and floor. Depending on field conditions the use of a factory applied of equivalent quality Felt-back membrane product will be utilized. Geo-textile is an "if required" product and may not be applicable on every project. RenoSys shall be the sole agent to determine if Geo-Textile is necessary for your project.

Provide as required PVC coated RenoSys Metal to make for a satisfactory installation. Sanitizing agents to be applied as required onto the pool substrate to discourage microbial growth under the membrane system. Adhesives as required to attach the Geotextile fabric or membrane to the pool, or the membrane to the Geotextile. Flanges of 1/4" Hard White PVC, custom fabricated for use at all membrane penetrations where required.

The PVC membrane liner and liner installation shall be warranted against leakage for a period of (10) years. Deck caulking, concrete work, and any other work shall be warranted for a period of not less than one (1) year or the manufacturers' warranty period, whichever is greater. Pool equipment shall carry the manufacturer's warranty. We propose to provide and install the above system including: sanitizing, adhesives, RenoFelt, RenoSys 60 mil reinforced membrane, all compression flanges, hardware installation, and incidental equipment to make for a satisfactory installation. This quote also includes: general site clean-up and training of the owner's representative in operation and maintenance of the PVC membrane.

ARS shall maintain the right to salvage any fittings, PVC membrane or equipment replaced in the course of executing this installation contract. Standard material overages are supplied for the efficient execution of the project. Any excess material shall remain the property of ARS.

This proposal is based upon an assumption that the pool is of sound substrate suitable for mechanically fastening standard 1/4" to 3/16" sleeve anchors and other drive type fasteners to secure the membrane system at the perimeter and around pool penetrations. Hidden or unforeseen site conditions are to be repaired, if possible, at additional cost to the owner. ARS will execute the change orders prior to commencing work.

By entering into this contract, ARS assumes no responsibility for the correctness of the swimming pools depth in any area of the existing pool. The existing depth of the pool, diving hopper and any modifications required due to any misinformation in their regard are the responsibility of the purchaser. It shall remain the owner's responsibility to assure that all depths, safety features, and markings in the pool comply with applicable local and state pool codes.

Warranties for the completed scope of work will go into effect when the project is paid in full. There will be no warranties, or guarantees given, expressed or implied, by ARS, RenoSys Corporation or its agents except those provided in the official issued Warranty, as stated herein. The warranty offered covers only the pool shell membrane (and/or deck surface membrane if included in the contract) and excludes any contracted work associated with an existing perimeter overflow gutter system. In no event will ARS, RenoSys Corporation or its agents be held liable for any consequential or other damages whatsoever unless agreed upon in writing.

Unless other arrangements are made in advance and stipulated as part of this contract; others are responsible for removing, storing and re-installation of all obstructions that would hinder our work. These items include, but are not limited to: bulkheads, ladders, handrails, climbing walls, water features, equipment, furnishings, pool covers, etc ..

The use of the pool by the owner, or those authorized to use the pool by the owner, shall constitute final completion and acceptance of the project by the owner. Issues that may arise with the pool subsequent to final completion shall be addressed in accordance with the terms and conditions of the warranty set forth herein. The parties specifically agree that any warranty issue, or a possible controlled leak, such as through a weep hole, shall not be reason for delayed payment of the amounts due under the terms and conditions of the contract.

### RenoSys Installation Requirements:

This agreement must be executed and returned with the required "start-up" payment. This is to ascertain your understanding of the scope of work, our quote, and your responsibilities in the successful execution of your project. It is our intention to have your project go smoothly and be completed on schedule and within the budgeted amount. Your informing us of any potential complications before construction begins can save time and money. We sincerely want your project to be a model of success on which we all will look back with pride. Your assistance in accommodating our following needs will help us to better serve you.

Unless otherwise specifically noted in our quotation, ARS is expecting the following services and amenities to be freely available to our crews:

- 1.) Restroom facilities.
- 2.) Water with at least 40 lbs. of pressure within 50 feet of pools.
- 3.) 110 electric service & 230V, 60-amp service (when applicable for metal welding) within 50 feet of pools.
- 4.) Clear and reasonable access to the pool.
- 5.) Pools & pool decks are to be drained and/or generally clean upon arrival of our crew.
- 6.) It is expected that our crews will have complete access to the facility to work unrestricted hours at no additional cost to ARS.
- 7.) Provide parking for our vehicles at no charge to Aquatic Renovation Systems, Inc.

Photos and/or videos may be taken of your project for our own quality internal communication, advertising and marketing purposes. It is to be understood that ARS will be using such photos and videos for general marketing purposes.

Crews are under instructions to accept no direction from anyone onsite unless it is agreed upon in writing prior to work commencing. Please direct all communication regarding scope of work or request modifications to your assigned ARS project manager. Owner shall appoint one individual who will act as the "OWNERS REPRESENTATIVE" to answer questions that may arise.

The RenoSys PVC membrane is a reflective material, and any existing depressions, pits, cracks, or voids may remain visible upon completion.

Unless otherwise noted this quotation does not cover: special conditions, state, local or use taxes, Union affiliates, Davis-Bacon Wages, or differing site conditions from those detailed.

## INVITATION FOR BIDS

Sealed proposals will be received electronically via PennBid at the date and time listed above for all materials, labor, and installation of a new membrane liner in the Memorial Park public swimming pool (for the entire interior surface).

**General Instructions to Bidders: If submitting a bid, please fill out the Required Bid Package Paperwork. For your reference is a Pool plan view. Both of these documents are in the documents folder. Along with the Required Bid Package Paperwork, please include a quote with any and all applicable material information, or any other documentation that the bidder feels is relevant. The lowest, responsive bidder will be awarded the project.**

Addenda issued: **Addendum #1 10-27-2021 (see addenda folder in the documents section)**

Work to be performed includes installing a pool protective membrane system to all interior surfaces of the subject public pool. **The pool is location is 1744 W 4<sup>th</sup> St, Williamsport, PA.** The pool is currently closed and mostly drained. City Forces will fully drain the pool directly prior to contractor work. The pool itself has a plan view footprint of approximately 9000 SF, and its depth varies from 0' (zero depth entry) to 12' depth, at the diving board end. The pool has various areas of concrete cracking that water is likely leaking through.

**CONSTRUCTION AND MATERIAL SPECIFICATIONS:** Installation of Membrane for pool to include: Broom clean pool surface and void it of all loose debris. Coat interior of the pool with sanitizing agent. Apply RenoFelt adhesive (or approved equal) required. Apply 150 mil RenoFelt 11 (or approved equal) to isolate membrane from the pool. Install the 60 mil RenoSys PVC membrane (or approved equal). Termination of liner to be at edge gutter. All penetrations will be terminated with compression flanges. Complete additional perimeter caulking, detail work, finish work to make a complete watertight installation. Clean site suitable for pool filling and perform final inspection. Membrane and all welds shall carry a 10-year limited warranty. Other materials (caulking, fasteners, etc) to have a 1 yr warranty, at a minimum. **Note: Approved equals to be determined by the Owner.**

All existing visual markings inside the pool to be maintained, or recreated by the contractor.

Upon completion of work, clean worksite, as required for pool filling and provide final inspection of work.

**It is strongly encouraged that potential bidders visit the project site, to familiarize themselves with the project location.**

**A cashier's check or an acceptable bidder's bond, payable to the City of Williamsport, Pennsylvania, in an amount of five (5%) percent of the bid submitted, must accompany the bid.**

**This project does not require any wage rates to be paid by the contractor.**

There is not anticipated to be a pre-bid conference for this project, as the City will utilize the built-in question and answer capabilities of PennBid. If this changes, it will be added via addendum, on PennBid.

The City reserves the right to reject any or all bids and to waive irregularity in the Bids and in the Bidding. No bid may be withdrawn until the expiration of ninety (90) days from the date bids are opened.

(Low Bidder)

Bid Price Ratio

Total Extended

DEFAULT ITEM GROUP

1	Pool Membrane Liner System - LUMP SUM	Base	LS	1.00	\$107,165.00	89.31%
2	Optional Contractor Recommended Liner Termination System	Option	LS	1.00	\$39,222.00	
					\$129,105.00	
					\$129,105.00	
					\$163,669.00	
					\$163,669.00	

DEFAULT ITEM GROUP

Enclosed with this proposal is a bidder's bond or cashier's check for five percent bidder's bond (\$5%) dollars, which it is agreed shall be collected and retained by the Owner as liquidated damages if the Owner accepts this bid within ninety (90) days after the opening of bids and the Bidder then fails to execute the contract and bonds with the said Owner within ten (10) days after official notice of such acceptance; otherwise, said bidder's bond or check shall be returned to the undersigned on demand. (Enter I Agree or I Do Not Agree)

The Bidder acknowledges receipt of the following addendum:  
 (Indicate addenda by number and date. If no addenda issued, indicate "None".

- 1 I Agree
- 2 Addendum 1
- 4 Bidder to Upload Bid Package Paperwork here Williamsport Required Bid ...pdf
- 5 Upload Support Documents (as needed) Williamsport - Bid Alterna...pdf
- 6 Upload Support Documents (as needed) Williamsport - Prequal & R...pdf