

Mid-America POOL RENOVATION, Inc.

7/20/2023

City of Bel Aire
Mr. Brian Hayes
Recreation Director
5251 E. 48th St North
Bel Aire, KS 67226

Re: Pool Renovation

Dear Mr. Hayes,

Thank you for contacting Mid-America Pool Renovation, Inc.
We specialize in swimming pool re-surfacing and repairs, and have
over 40 years experience renovating swimming pools.

Our **Major Commercial Reference Lists** are included in this proposal.
Feel free to contact any of these references in regards to our
reputation, quality of work and warranty services.

Our reference lists include many prestigious establishments. We would
be pleased to add City of Bel Aire, Kansas.

Mid-America Pool Renovation, Inc. offers tiling, coping, deck topping,
and pool interior resurfacing. In addition to re-plastering, we are the
exclusive manufacturer and area applicators of the INTER-GLASS®
Reinforced Polymeric System, the only authorized reinforced polymeric
re-surfacing system for the Host Marriott managed Hotel Group.

Mid-America Pool Renovation, Inc. is fully insured and bondable. We
are members of the International Concrete Repair Institute, the
Association of Pool & Spa Professionals, the National Plasterers
Council, the Waterjet Technology Association, and have an A+ Rating
with the Better Business Bureau of Greater Kansas City.

Mid-America Pool Renovation, Inc. is an **Illinois Department of
Public Health Pre-Qualified Illinois Swimming Facility
Contractor.**

We maintain full insurance coverage and have enclosed a sample
Certificate of Insurance.

We enforce a drug-free workplace.

5929 E. 154th Terrace
Grandview, MO 64030

816.994.3300 Kansas City
773.278.7349 Chicago
636.537.0108 St. Louis
800.253.7349 Other Areas

816.994.3301 FAX

poolrenovation.com

COMPLETE SWIMMING POOL RENOVATION

- Polymeric Composite
Surface Systems
Madewell® Mainstay®
Perma-Shield®
INTER-GLASS®
Hydro Ester LV Coating
- New Pool Interiors
INTER-GLASS®
Re-Plastering
Sunstone®
Diamond Brite®
River Rok®
Beadcrete®
Krystalkrete®
- Deck Re-Surfacing
Texture-Dek
Kool Deck®
- New Tile
100s of Patterns
Depth & No Dive
- New Coping
Brick
Cast Stone
Concrete Bullnose
- Water Features
- Structural Repair
& Consultation





PRICING SUMMARY

(details for each item are in quote body)

Pool Interior Options

White Plaster:	\$67,070.00 – 5 Yr Warranty
Exposed Aggregate Finish:	\$81,650.00 – 5 Yr Warranty
White INTER-GLASS®:	\$111,430.00 – 25 Yr Warranty

Additional Interior Items

Waterline Tile:	\$23,130.00
Depth Markers:	Included with New Tile

Additional Items:

Re-Tile 450 Sqft Beach Entry:	\$27,000.00
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Note: All construction agreements will contain an additional line item for Mobilization totaling 4% of the contract total.



POOL INTERIOR SURFACES - Alternatives

For most residential and commercial swimming pools, we recommend and offer a choice of two pool interior surfaces. 1) Polymeric INTER-GLASS®, and 2) Cement-based re-plastering (with pool plaster, or exposed aggregate materials), are both at the pinnacle of their representative categories and known for their proven longevity and reliability.

Pool plaster continues to be the most popular surface used on new concrete pools and residential pools, as well as being the most economical re-surfacing option we offer. For commercial pools, heated pools and spas, pools constructed with panel walls, and pools with structure cracks, the INTER-GLASS® Reinforced Polymeric System presents important advantages over pool plaster due to its tolerance to structural cracking and movement, its resistance to pool chemical abuse, and its lengthy service life.

Both pool plaster and INTER-GLASS® come in traditional white, but for an additional charge are available in robin's egg blue, natural colors such as sand and charcoal, and special order colors. For outdoor residential pools without lights, INTER-GLASS® is also available with MoonGlow, a special surface that absorbs light during the day and glows at night.



REPLASTERING

Cement-based surfaces such as traditional pool plaster or marcite, exposed aggregate (Diamond-Brite, Sunstone, etc), and pebble finishes with either quartz or dolomite aggregates are widely used for new in-ground concrete swimming pools and spas. Pool plaster uses limestone as its aggregate component while exposed aggregate finished use silica quartz as the aggregate in its mix.

Besides being economical, cement-based surfaces are good choices for swimming pools that are kept full of water and always chemically balanced, where stress or structure cracking is not prevalent or expected, and when the pool is not heated.

Some advantages of cement-based linings are:

- Following installation, the pool can be filled almost immediately without a required, dry curing period
- They come in a variety of colors and finishes

Some disadvantages are:


- They must be submerged to avoid shrinkage cracking and delamination
- Their low tensile and flexural strengths make them susceptible to cracking
- Their naturally high alkaline and porous make-up mandate that the pool water chemistry be kept perfectly balanced to avoid reactions to pool chemicals, calcium carbonate growths and metal staining. They increase the pH of the water, have greater chlorine demands, and will affect Total Alkalinity levels.

Re-Surfacing Specifications & Pricing for Re-Plastering

- Clean, environmentally safe 40,000 psi Ultra High Pressure Water Jetting to remove existing paint and loose, hollow or deteriorated sub-surface materials in order to insure the best possible mechanical bond
- Cutting and removing the existing plaster down at least 2" away from the waterline tiling, inlets, lights and other fixtures to achieve a flush finish with the new surface
- Placing contrasting color highlight tiles to demark the edges of all the steps and benches, and to satisfy applicable local codes
- All labor, materials and any clean-up associated with the re-surfacing work, and a 5-year warranty (see below for details)

The price to prepare and re-surface the City of Bel Aire, Kansas **Pool** with white pool plaster is **\$67,070.00.**

The price to resurface with an exposed aggregate finish is **\$81,650.00.**



*This price reflects standard colors only. Blue, Dark, Pearl, or custom colors may be an additional charge.

Re-Plastering Warranty

Mid-America Pool Renovation, Inc. has 5-year warranty from the date of installation on the new cement-based lining against any flaking, peeling, popping-off or excessive color change providing the pool is maintained chemically balanced and full of water (with proper winterization included as per National Spa & Pool Institute's BASIC POOL & SPA GUIDELINES, 4th edition, instructions for Plaster Finish pools). This warranty only applies to the labor and materials on the newly placed surface material and does not cover any DAMAGE including, but not limited to or from: Defects in the structure including structural or hairline cracking; Vandalism, intentional or accidental abuse, or neglect; Improper acid washes; Stains or discoloration due to, but not limited to, the improper use of chemicals, improperly maintained water chemistry, or any introduction of metals or metal ions into the water; Improper winterization; Hydro-static water pressure; Any acts of God; From any intruder after the plaster crew has left the job site, or from any other action outside the course of normal everyday use and care of the surface lining, or from any other action over which Mid-America Pool Renovation, Inc. has no control. Consequential damages such as, but not limited to, loss of revenue, cost of water, etc., are not covered under warranty.




THE INTER-GLASS® REINFORCED POLYMERIC SYSTEM

Mid-America Pool Renovation, Inc.'s INTER-GLASS® Reinforced Polymeric System of surface preparation and base application is the premium of pool re-surfacing choices. Approximately 50% of our residential clients choose INTER-GLASS® over a cement-based interior. Approximately 75% of our commercial pool clients choose INTER-GLASS® and nearly 90% of our clients with indoor pools choose INTER-GLASS®.

The INTER-GLASS® system offers an excellent surface for concrete, acrylic-wall, and metal pools:

- INTER-GLASS® is an inert surface and does not interact with pool chemicals like a cement or painted surface. This is especially important for indoor pools
- The 'silky smooth' yet non-slippery surface is easy to clean and reduces pool chemical usage up to 50%
- The adhesive and sealing qualities of Epoxy Resin produces a placement venue supporting a fully bonded surface, and resulting in making the pool shell stronger
- The INTER-GLASS® surface will not be affected if the pool water chemistry periodically falls out of balance
- INTER-GLASS® is unaffected by salt chlorine generators
- The seamless, non-porous surface stops chemically treated pool water from reaching the reinforcing steel and causing carbonation, metal corrosion and concrete degradation
- INTER-GLASS® cannot shrink-crack, spall or become rough like cement based pool linings
- INTER-GLASS® cannot puncture like PVC or other soft-membrane liners, and it cannot blister like pool paint
- INTER-GLASS® eliminates the need for future sandblastings, acid washings, liner replacements and painting
- INTER-GLASS® is safe for contact with food. INTER-GLASS® meets the national specifications of 21 CFR Parts 117.1580, 175.300 and 177.1640 that cover polymeric materials intended for repeated use in contact with food.
- INTER-GLASS® is **PVC-FREE**

The INTER-GLASS® system is a combination of a hybrid preparation process incorporating sub-surface Protective Barrier System (PBS) technology and including biaxial E-Glass, roving woven, InterSteel (when needed), and a special sealing resin followed by our 6-step surface installation process.



InterSteel is a structural repair method using various aramid fabrics including Kevlar® by DuPont (when necessary) in combination with special Type IV sealing resins used extensively around the world to repair structural earthquake damage. This system yields tensile and flexural strengths in the range of 200,000 to 400,000 PSI.

INTER-GLASS® Specifications & Price

- Removal of all hollow lifted areas or blisters
- Surface sanding as needed
- Hi-pressure water blasting (5000psi) to completely clean the prepared surface
- Installation of a penetrating, sub-surface sealing Protective Barrier System
- Stress / structural crack repair as needed
- Placing contrasting color diamond tiles to demark the edges of all the steps and benches, and to satisfy applicable local codes
- All labor, materials and clean-up associated with installation of the INTER-GLASS® system
- 25-year Limited manufacturers warranty

The price to prepare and re-surface the City of Bel Aire, Kansas **Pool** with white INTER-GLASS® is: [**\\$111,430.00.**](#)

INTER-GLASS® Warranty Information

The attached Sample copy of the warranty lists all conditions and limitations. Mid-America Pool Renovation, Inc. provides this warranty to the pool owner providing: a) the entire project has been paid in full, b) outdoor pools are winterized per the Association of Pool & Spa Professionals **BASIC POOL & SPA GUIDELINES**, 4th Edition, instructions for vinyl-lined, or, plaster or painted pools with covers, c) pools are not left drained with the exception of up to 5 days for necessary repairs for those pools not experiencing hydro-static underground water pressure, and d) the pool structure and sub-surface remain sound and intact.

Mid-America Pool Renovation, Inc. produces and installs the INTER-GLASS® system and warranty's both the labor and materials for the warranty period.



WATERLINE TILE

In changing waterline perimeter tiling we offer the option of choosing from our selection of frostproof swimming pool tiles from the major tile distributors across the United States.


To remove the existing tiling, prepare a tile bed, supply and install the frostproof mosaic swimming pool tile of your choice (@ 6" depth) around the **Pool** would cost **\$23,130.00** provided it is contracted at the same time as the pool interior.

Please note that installing tile after the new interior has been installed is more difficult and more expensive.

Note: Depth tiles are placed at a minimum of 25-foot intervals around the waterline of commercial pools, and are included in the above price.

You may choose any of the standard ceramic swimming pool tile patterns for this price. **Please provide us with your first and second choices as sometimes patterns are not in stock.**

- * Please note that some tiling in the brochures are listed as "Accent", "Trim", or "Deco" tiling and are more expensive and not generally used as perimeter waterline tiling. Please inquire with the office on pricing and information on these or any other types of specialty listed or described tiles.



Mid-America Pool Renovation, Inc. guarantees to use only the best recognized products, the most generally aesthetically appealing application techniques, and the most thorough clean-up procedures recognized by our industry in all of our services to produce a beautiful and safe desired result.

If you have filled out and returned one of our pool specification questionnaires, all above quotes are strictly conditional on the accuracy of the information that you have provided to us.

All construction agreements will contain an additional line item for Mobilization totaling 4% of the contract total.

The above prices are valid for a period of 60 days with payment expected upon completion of each contracted phase or as negotiated.

The quoted prices do not reflect Prevailing Wage Scales, costs of Performance Bonds or local or state sales taxes.

The quoted prices are contingent on the use of Mid-America Pool Renovation, Inc.'s modified AIA four (4) page Construction Agreement. Minor changes, additions or modifications to Mid-America Pool Renovation, Inc.'s Agreement are welcome for our review, however all other 'Independent Agreements' including longer AIA Agreements, Supplemental Conditions, Vendor, Service, or Membership required Agreements will be assessed a minimum charge of **\$ 50.00/per page fee** for legal review and legal amendment as required.

This minimum \$ 50.00/per page fee will need to be paid in advance along with the submittal of such an Independent Agreement (s) as noted above.

The quoted prices are contingent on the use of Mid-America Pool Renovation, Inc.'s Construction Agreement. Any and all other additional costs that might be incurred regarding independent Agreements (Contracts, Service Agreements), including membership fees with organizations are not included in the above pricing and will be billed to the Owner as an additional expense.

Thank you for giving us the opportunity to present this quote on your project and I look forward to hearing from you again soon.

Sincerely,



Landon Cole
Project Manager
Mid-America Pool Renovation, Inc.