

POOL RESURFACING PROJECT

Howard Coffin Park Pool

April 2017

The following specifications are for the resurfacing of the pool at the pool at Howard Coffin Park also known as the Brunswick Aquatic Center. This pool is owned by the City of Brunswick (Owner) and operated by the Glynn County Recreation & Parks Department (Operator).

The address to the pool is:

Brunswick Aquatic Center
1408 Sonny Miller Way
Brunswick, Georgia 31520

SCOPE OF WORK: The scope of work for this project is to perform the tasks associated with the resurfacing of the swimming pool at Howard Coffin Park along with replacing the belly tile or waterline tile around the entire perimeter of the pool. All lane line tiles are to be left in place unless damaged or cracked or in need of replacement.

POOL SIZE:

The pool has a capacity of 292k +/- gallons of water. Attached is a drawing (Attachment #1) showing the layout with the depths at each point for generalized purposes only. Exact measurements, dimensions and capacity in gallons shall be the responsibility of the contractor to verify these dimensions before performing any work or ordering of any supplies or chemicals that are needed to complete this project and in treating the water after the construction portion of this project have been completed.

CONTRACT LENGTH: The contractor shall have 30 calendar days, including weekends, to complete this project and the pool work accepted by the owner and operator and ready for business. This includes approximately 10 calendar days for the demolition, removal and replacement construction portion of this project and 20 calendar days for material curing and to get the water quality within the acceptable ranges and the pool ready for bathers.

LIQUIDATED DAMAGES:

Should the contractor go over the total allowable contract length time of 30 days, the contractor shall pay to the Owner the sum of two hundred and fifty dollars (\$250.00) for each day that the pool has not been accepted by the owner and operator.

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SUBMITTALS:

The contractor shall submit color samples that are available with his/her bid package for the owner to choose from.

Request for Payments for all completed work shall be submitted with three original signed copies. Any material used in this project that is not as specified but being submitted by the contractor as an "equal" product must do so in advance of the products use that will allow the owner or its representative enough time to research and determine if such product meets the current contract specifications.

Failure to submit these "equal" requests in a timely manner and which causes damage to the resurfacing process or other damage will be the responsibility of the contractor and any such work or cause of work to be redone due to late submittal will be at no charge to the owner.

RESURFACING SPECIFICATIONS & PROCEDURES

DRAINING OF THE POOL

The contractor shall be required to drain the pool prior to starting the work and in accordance with any local, state or federal requirements, laws, codes or policies.

WATER WASHING OF THE POOL

Once the pool has been drained properly, the contractor shall pressure wash the entire pool surface area removing any algae, mold, mildew, dirt, paint, mortar chips, efflorescence, patching compounds, loose tile cracked plaster, etc. Wash oil and grease spots using trisodium phosphate or equivalent and water; soak if necessary. Remove all cleaning solutions using a high-pressure washing.

ACID WASHING OF THE POOL

Once the water washing has been completed, the contractor shall acid wash the entire pool surface. Once completed with the acid wash, the contractor shall neutralize the acid that was used in the washing.

REMOVAL OF BELLY OR WATERLINE TILES:

All belly or waterline tiles around the perimeter of the pool shall be removed and replaced by the contractor with the same size and color of tile. Exact color samples shall be included in the bid package for the owners use in determining which tile color to use.

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REMOVAL OF EXISTING SURFACE MATERIAL

The contractor is to undercut the existing substrate a minimum of 2" away from tile, lights, drains, wall steps, etc. to depth of 3/8" into the substrate. Once this has been done, the contractor is to remove the existing surface material and dispose of according to local, State and Federal codes and laws.

FILL CRACKS AND DEPRESSIONS

All cracks and depressions shall be repaired and leveled. Once all cracks and depressions have been repaired, the entire surface shall be cleaned and all loose material shall be removed from the substrate surface and pool entirely.

IDENTIFY HOLLOW SPOTS:

The contractor shall examine the entire pool surface area and identify any hollow spots. For those hollow spots that are found, they shall be cut out 3" outside the perimeter of the hollow spot. All loose material shall be removed inside and around the hollow spot area. Fill the cut out areas of the hollow spots up to and level with the existing surface.

WATER WASHING OF THE POOL

Once the acid in the pool has been neutralized properly, the contractor shall pressure wash the entire pool surface area removing any remaining acid or other debris such as algae, mold, mildew, dirt, paint, mortar chips, efflorescence, patching compounds, loose tile cracked plaster, etc.

APPLY SGM BOND COAT:

The contractor shall apply bond coats manufactured by SGM as specified by the manufacturer. Each unit of SGM Bond Coating is equal to using 1 - five (5) gallon of liquid resin with 2 – sixty-five (65) pounds of dry mix. This will cover 500 square feet +/-.

The contractor is to mix one – sixty five pound bag of SGM Bond Coat material with ½ pale (2.5 gallons) of liquid resin and apply the mixture using a 1 – ¼" nap roller and allow this coating to set for 1 minute. After the first coat sets, the contractor is to go over the surface with a paint or textured roller applying the second bond coat. This second bond coat shall cure for 6 – 12 hours before the Diamond Brite material is applied.

NOTE: The contractor shall submit to the owner before starting any work the batch numbers to the Bonding Agent and the Diamond Brite for mixing ratios and for warranty information.

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When mixing different batch numbers, the contractor shall mix in a ration that mixes each load with the same amount of different ingredients. (EX: Project "A" requires 30 bags of ingredient. 20 bags are labelled "Batch 1" and 10 bags are labelled batch "2". With each mixture, the contractor would mix 2 bags of Batch "A" with 1 bag of Batch "B" each time a mixture was made.

NOTE: Quality of mixing water is very important. The contractor shall use clean, cool potable water for all mixings. Well water with high metal or mineral content may result in undesirable discolorations in the pool finish and will not be accepted by the owner. Additionally, hard or high alkalinity water used during mixing may result in an undesirable production of calcium scale.

REPLACE BELLY TILES:

All belly or waterline tiles shall be removed and replaced using the same size and color tile. The owner shall choose the final color of tile from the submitted color samples that are to be included in the contractors bid package.

Belly or waterline tiles shall be affixed to the pool wall at the same elevation as the current tiles and applied following the manufacturers recommendation of adhesive material.

LANE TILES:

All existing lane tiles shall remain in place and the contractor shall undercut these tiles a minimum of two (2") inches away from the tile and 3/8" deep into the substrate. Should any lane tiles be found or become damaged during the undercutting, the contractor shall replace those tiles with exact matches to the existing tiles, both in size and in color.

RESURFACE THE POOL:

The contractor shall apply Diamond Brite surface material as directed by the manufacturer's instructions and specifications to the entire pool surface area. The Diamond Brite color shall be chosen by the owner from the sample colors that are included in the contractors bid package.

When the contractor is ready to apply the surface coat, Diamond Brite shall be added to water as quickly as possible. The contractor shall mix these ingredients for a minimum of five (5) minutes and a maximum of ten (10) minutes to ensure even distribution of the aggregate and increase the working time of the Diamond Brite. Mix only for the amount of time to make a consistent, homogenous, lump free consistency.

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NOTE: Too little mixing time may result in an undesirable settling and shade variations while too much mixing may produce an overall weaker material and undesirable air bubbles. All areas that show any of these under or over mixing characteristics will not be accepted by the owner and shall be replaced with a desirable and acceptable outcome at no additional cost to the owner.

Calcium Chloride may be used as an accelerator. Should calcium chloride be used, it must be completely dissolved in water to let impurities settle out. Once the impurities have settled, pour off the solution from the top being careful not to add the impurities to the mix.

MISTING THE SHELL:

The contractor shall mist the shell with cool, clean water without leaving any standing water in the pool. When misting the substrate shall be cool and damp but not dripping wet.

NOTE: Standing water will cause a weakening in the Diamond Brite finish in isolated areas and result in delamination. Hot and dry causes rapid setting resulting in check or shrink cracking and delamination. Both are undesirable results and will not be accepted by the owner.

PUMPING:

The contractor is to apply a scratch coat to the bowl first. Begin with the shady walls and work your way to the sunnier walls by troweling a scratch coat on the walls and allow to setup slightly. The contractor is to constantly check for areas that are setting up.

Once the initial coat has set properly, the contractor will apply a finish coat to the entire pool surface to a minimum of 3/8" thick and a maximum of 1/2" inch thick.

NOTE: Careful troweling will help ensure even exposure, reduce washouts and produce a slick finish. Slip trowelling is recommended.

Special attention should be made to eliminate shoe spikes. All shoe spikes shall be filled.

Extra care should be taken when trowelling in corners and coves to reduce the possibility of roughness of the surface, washouts, and loss of cement/aggregate during the exposure process.

EXPOSURE:

Proper application requires 1 workman per 300 sq.ft. to properly expose Diamond Brite. Exposure time will be limited to one (1) hour+/-depending on weather conditions.

The contractor shall constantly inspect the Diamond Brite for readiness. Once Diamond Brite has lost its sheen, or no longer is damp, the Diamond Brite is ready for exposure using a soft bristle brush and water. The Diamond Brite shall be set-up before any walking on the floor is allowed. Applicators shall

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wear white cotton socks or foam shoes when exposing Diamond Brite. NOTE: Boots and bare feet are not recommended.

The Diamond Brite shall be tested in a small area with a small bristle brush. If the cream washes away without losing aggregate, the exposure process may begin.

The contractor shall start in the areas that are the sunniest or in fast setting areas and begin wiping away the cement paste with water from a bucket and brushes. After this process and the material begin to harden, the contractor shall progress using a soft flow of water using a hose. As the set progresses, stiff bristled brushes are to be used.

The contractor shall continuously inspect the pool for “Hot Spots” that are setting quickly. These “Hot Spots” are to be misted immediately with water to allow longer exposure time.

NOTE: Over cured cement paste will not remove easily and may require a stiff bristle brush to remove.

The contractor shall avoid slow setting areas such as in shady areas and the bowl. Washing too soon will cause washouts. Areas that are washed out shall be re-trowelled immediately. The contractor shall keep extra Diamond Brite mixed up for use in these areas.

The contractor shall ensure that the sump pump is kept running at all times to avoid any accumulation of water in the bowl or in other areas. All liquids collected by the sump pump shall be collected and disposed of properly in accordance with local, State and Federal guidelines, laws and codes.

The contractor shall take precautions to not allow hoses, buckets, etc. sit on the Diamond Brite surface during exposure time as this will result in visual blemishes.

LIGHT ACID WASHING:

If needed, the contractor shall wash the sides and floor of the entire pool surface using a light acid. Care should be taken as to not stain or discolor the surface material. Constant sump pumping of all collected waste liquids is a must.

START-UP & WATER BALANCING:

After the Diamond Brite has been exposed, let the surface air dry for as long as conditions allow. Fill water should be delayed a few hours or until the next morning to reduce the occurrence of shade variations.

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NOTE: Care must be taken not over dry the Dry Brite finish which may result in shrinkage cracking.

The contractor shall pre-fill water with a carbon tank and use a sequestering agent to eliminate stain causing contaminants.

The contractor shall start the circulation system as soon as possible using the main drain line. This system shall not be started until the water level is above the return inlets. Once this has been achieved, the circulation system shall run for three (3) continuous days. The following testing, recording and tasks shall be performed by the contractor as scheduled.

On Day 1:

Test and Record the water for:

- Chlorine
- PH
- Total Alkalinity
- Calcium Hardness
- Temperature levels.

If found that these tests were outside the normal usage ranges the contractor shall add chemicals to adjust the readings so that they are within the following;

PH shall be between 7.2 – 7.4

Total Alkalinity shall be brought to 100 ppm

NOTE: Dissolve all chemicals in water before adding them to the pool water. Chlorine or Calcium Chloride shall not be added to the pool at this time.

The contractor shall brush the walls and floor of the pool entirely twice per day for the first three days. The pool filters should be cleaned as needed.

On Day 2:

Test, Record and adjust the water as follows:

- PH shall be between 7.2 – 7.4
- Total Alkalinity to 100 ppm

The contractor shall brush the walls and floor of the pool entirely twice per day

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On Day 3:

Test, Record and adjust the water as follows;

- Free Chlorine to 1.0 – 3.0 ppm
- PH to 7.4 – 7.6
- Total Alkalinity to 90 – 120 ppm
- Calcium Hardness to 200 – 400 ppm
- Stabilizer to 30 – 90 ppm

Once these have all been adjusted to the proper operating ranges, the water adjusting is complete.

MAINTENANCE:

The following maintenance items are to be performed by the contractor. The notes are to be followed during this time period.

NOTES:

1. Lower Calcium reduces scale and discoloration
2. Do not install automatic pool cleaners in the pool for 28 days
3. Do not use wheeled vacuums for 14 days in order to avoid wheel marks
4. Brush walls and floor daily for two (2) weeks.

TIMELINE:

The contractor shall include in its proposal a detailed timeline thoroughly chronicling all of the steps necessary to complete the project and an approximate time to complete each portion of the project.

The timeline shall fit within the pre-established timeframe

REFERENCES:

The contractor must list at least three (3) commercial references with a contact person and telephone number whose projects were similar in size and scope as the proposed project. Also list any clients that have filed complaints regarding work performance and provide an explanation for the complaint and how it was resolved.

CONTRACT APPROVAL

This RFP does not by itself obligate the City to award a contract or purchase any product(s) or service and will not be deemed official until the Board of Commissioners for the City of Brunswick approves the contract itself and the recommended vendor selected by the Evaluation Committee. The City will assume no responsibility for any work performed or services provided prior to the contract award, even it was provided or performed in "good faith" by the vendor.

CONTRACT TYPE

The contract issued as a result of the evaluation of all eligible proposals will be a fixed price contract based upon prices submitted by the selected vendor. Annual maintenance costs shall be clearly defined and any fluctuations in the fee shall be addressed in writing and approved prior to due date.

PAYMENT

Payment for the products and services rendered will be made when a predetermined point of "substantial completion" has been reached and the product is functionally operational. Any fees associated with staff training which shall be outlined in the proposal will be paid once the training has been completed and a level of understanding has been reached by the essential staff members.

Annual maintenance costs which include annual system maintenance, necessary system upgrades and technical support fees (web, in-person, telephone) outlined in the vendor's proposal will be billed and paid on an annual basis with the first year of the contract being included in the purchase price. The City expects that annual maintenance costs shall not increase over the first five years of the contract and the City would also entertain an option to make a lump sum payment for maintenance for multiple years of service and technical support.

WARRANTY

The City assumes that a warranty or guarantee of both the product and service shall be included and outlined in the proposal, and the vendor's warranty coverage will be considered as a part of the evaluation process.

CONFLICT OF INTEREST

The vendor shall at all times observe and comply with all applicable Federal, State, and local laws, rules, and regulations concerning conflicts of interest between the vendor, the City of Brunswick or any its employees. Should any conflicts of interest arise or become known that were previously unknown shall be addressed at the time of revelation by the City and can lead to the exclusion or disqualification of a vendor from consideration for this contract award.

DEADLINE:

The deadline to submit all proposals will be Thursday May 4, 2017 at 1:00 PM EST. Proposals submitted after the deadline **will not be considered**. A public opening of the proposals submitted prior to the deadline will be held on Thursday May 4, 2017 at 2:00 PM EST, and all interested parties are invited to attend. All qualified proposals will be reviewed by an Evaluation Committee and upon their recommendation will be presented to the City of Brunswick's Board of Commissioners for final approval. Once final approval has been granted the winning contractor will enter into a contract with the City of Brunswick to provide the service(s) outlined in this RFP. Bids must be sealed and shall be addressed in the following manner to ensure that they are properly received and recorded and eligibility determined prior to the deadline:

RFP (#E-5)
Attn: J. Aaron Dunham Jr.
Purchasing Agent
City of Brunswick
601 Gloucester Street, City Hall
Brunswick, Georgia 31520

PRE-PROPOSAL WALKTHROUGH:

There will be a **MANDATORY** pre-proposal walkthrough held at the Howard Coffin Park Brunswick Aquatics Center on Monday May 1, 2017 at 1:00PM EST. This walkthrough will give each potential contractor the opportunity to accurately judge the size and scope of work that is necessary to accurately bid on the project and will serve as an opportunity to ask any potential questions that may arise while calculating the total cost of the project.

DRUG FREE WORK PLACE CERTIFICATION

In order to have a drug- free workplace, a business shall:

Publish a statement notifying employees that the unlawful, manufacture, distribution, dispensing, possession, or use of controlled substances is prohibited in the workplace and specifying the actions that shall be taken against employees for violation of such prohibition.

Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.

As a condition of working on the commodities or contractual services then under Proposal, the employee shall notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any State, for a violation occurring in the workplace no later than five (5) days after such conviction.

Impose a sanction on, or require satisfactory participation in a drug abuse assistance or rehabilitation program if such in available in the employee's community, by any employee who is so convicted.

Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Company Name

Authorized Signature

Title

Date

VENDOR AFFIDAVIT AND AGREEMENT

(Failure to submit will render Proposal non-responsive you must use this form, you must be enrolled in this program, and you must include your user ID #)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with The City of Brunswick has registered with and is participating in a federal work authorization program [Employment Eligibility Verification (EEV) / Basic Pilot Program, operated by the U.S. Citizens and Immigration Services Bureau of the U. S. Department of Homeland Security, in conjunction with the Social Security Administration (SSA)] in accordance with O.C.G.A. § 13-10-91. Further, the undersigned contractor states affirmatively that the individual, firm, or corporation contracting with The City of Brunswick will continue to utilize and participate in the EEV federal work authorization program throughout the term of this contract.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract with The City of Brunswick, contractor will secure from such subcontractor(s) similar verification of compliance with O.C.G.A. § 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form provided by The City of Brunswick. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to The City of Brunswick at the time the subcontractor(s) is retained to perform such service.

EEV Number

Authorized Officer or Agent (Contractor Name)

Date

Title of Authorized Officer or Agent

Printed Name of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE DAY OF _____, 20__.

Notary Public

My Commission Expires: _____

Note: As of the effective date of O.C.G.A. 13-10-91, the applicable federal work authorization program is the “EEV/Basic Pilot Program” operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security in conjunction with the Social Security Administration (SS)

REPRESENTATION AFFIDAVIT

(TO BE SUBMITTED)

This proposal is submitted to The City of Brunswick, Georgia Board of Commissioners (City) by the undersigned who is an authorized officer of the company and said company is licensed to do business in Georgia and The City of Brunswick. Further, the undersigned is authorized to make these representations and certifies these representations are valid. The Proposer recognizes that all representations herein are binding on the Company and failure to adhere to any of these commitments, at the City's option, may result in a revocation of the granted contract.

Consent is hereby given to the City to contact any person or organization in order to make inquiries into legal, character, technical, financial, and other qualifications of the Proposer.

The Proposer understands that, at such time as the City decides to review this proposal, additional information may be requested. Failure to supply any requested for information within a reasonable time may result in the rejection of the Proposer's proposal with no re-submittal rights.

The successful Proposer understands that the City, after considering the legal, financial, technical, and character qualifications of the Proposer, as well as what in the City's judgment may best serve the public interest of its citizens and employees, may grant a contract.

The successful Proposer understands that this proposal is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a proposal for the same, and is in all respects fair and without collusion or fraud. I understand that collusive Proposals is a violation of state and federal law and can result in fines, prison sentences, and civil damage awards.

Company Name: _____

Authorized Person: _____ Signature _____

(Print/Type)

Title: _____ Date: _____

Address: _____

Telephone : _____ Fax: _____

Name and telephone number of person to whom inquiries should be directed:

Name: _____

Address: _____

Title: _____ Telephone _____ Fax: _____

_____ E-mail: _____

LEGAL AND CHARACTER QUALIFICATIONS

Convictions: Has the Proposer (including parent corporation, if applicable) or any principal ever been convicted in a criminal proceeding (felonies or misdemeanors) in which any of the following offenses were charged?

		Y	N
a	Fraud		
b	Embezzlement		
c	Tax Evasion		
d	Bribery		
e	Extortion		
f	Jury Tampering		
g	Anti-Trust Violations		
h	Obstruction of justice (or any other misconduct affecting public or judicial officers' performance of their official duties)		
i	False/misleading advertising		
j	Perjury		
k	Conspiracy to commit any of the foregoing offenses		

Civil Proceedings: Has the Proposer or any principal ever been a party, or is now a party, to civil proceeding in which it was held liable for any of the following?

		Y	N
a	Unfair/anti-competitive business practices		
b	Consumer fraud/misrepresentation		
c	Violations of securities laws (state and federal)		
d	False/misleading advertising		
e	Violation of local government ordinance		

License Revocation:

	Y	N
Has the Proposer or any principal ever had a business license revoked, suspended, or the renewal thereof denied, or is a party to such a proceeding that may result in same?		

Responses: If "yes" is the response to any of the foregoing, provide Information such as date, court, sentence, fine, location, and all other specifics for each "yes" response.

Principals: The full names and addresses of persons or parties interested in the foregoing Proposal, as principals, are as follows:

NAME	ADDRESS

References: The Proposer lists below work he has done of similar nature as this solicitation, as references that will afford the City opportunity to judge as to experience, skill, business standing, and financial ability.

CONTACT	PHONE	
PERSON	TITLE	NUMBER/EMAIL

STATEMENT OF INSURANCE COVERAGE

This is to certify that

(Insurance Company)

of

(City/State)

(Insurance Co. Address)

has issued policies of insurance, as identified by a policy number to the insured name below, and that such policies are in full force and effect at this time. Furthermore, this is to certify that these policies meet the requirements described in the General Conditions of this project; and it is agreed that the insurer will endeavor, if allowed by the policy, to provide the Owner thirty (30) calendar days' notice of nonrenewal, cancellation, or termination of the coverage. Such notice shall be delivered to:

The City of Brunswick Georgia Board of Commissioners, Purchasing Agent, 601 Gloucester Street, City Hall, Brunswick, Georgia 31520.

It is further agreed that The City of Brunswick Board of Commissioners shall be named as an additional insured on the Contractors policy

1. Insured:

2. Project Name: **Pool Resurfacing Project – Howard Coffin Park Pool**

3. Project Number: (# E-5)

4. Policy Numbers(s):

DATE:

(INSURANCE COMPANY)

ISSUED AT:

(AUTHORIZED REPRESENTATIVE)

ADDRESS:

NOTE: Please attach Certificate of Insurance form to this page

(Attach any endorsements)