FLORENCE COUNTY
SOUTH CAROLINA

INVITATION-TO-BID NO. 07-14/15

PHASE 3 SPLASH PAD REPAIRS AT LYNCHES RIVER PARK

Pre-bid Meeting: Thursday, August 14, 2014 at 10:00 a.m. (EST)

Bid Opening Date/Time: Thursday, August 21, 2014at 3:00 p.m. (EST)

TABLE OF CONTENTS

ITEM DESCRIPTION	PAGE NUMBER
INVITATION-TO-BID	3
BID SPECIFICATIONS/SCOPE OF WORK	4-9
MINIMUM MANDATORY REQUIREMENTS	10
INSTRUCTIONS TO BIDDERS	11-14
VENDOR AGREEMENTS	15-17
BID FORMS	18-20
BID SURETY REQUIREMENT	21
SAMPLE BID BOND	22
PAYMENT BOND	23
PERFORMANCE BOND	24
SAMPLE CONTRACT	25-34
PROJECT DRAWINGS (COLLINS ENGINEERING)	S-1, S-2, S-5, S-8 and S-9

INVITATION TO BID FOR PHASE 3 SPLASH PAD REPAIRS AT LYNCHES RIVER COUNTY PARK, BID NO. 07-14/15

Florence County, South Carolina (Owner) is accepting bids from qualified Contractors to provide repairs to the Splash Pad at the Lynches River County Park located at 902 Spine Road, Coward, SC 29530.

A pre-bid meeting will be held on **Thursday, August 14, 2014 at 10:00 a.m. (EST)** at the Splash Pad Area of the Lynches River County Park. The park map can be downloaded by going to the http://www.lynchesriverpark.com/_pdf/map.pdf website.

Purpose of the Pre-Bid Meeting: The purpose of the pre-bid conference is to have all interested companies do a walk-thru of the splash pad area slated for repairs, to ask any questions concerning this project, and to give the County any needed feedback.

Attendance at the pre-bid meeting is not required as a condition of submitting a bid. However, any bidder not in attendance must be fully familiar with the site and must have the capability in all respects to perform fully the requirements mentioned in this invitation to bid document with the integrity and reliability which will assure good faith performance.

In order to be considered, all bids must be hand carried or mailed in a sealed envelope to the **Florence County Procurement Office, County Complex, 180 N. Irby Street – MSC-R, Rm. B-5, Florence, SC 29501-3431** no later than **Thursday, August 21, 2014at 2:45 p.m. (EST).**

The sealed bids will then be opened and read aloud in Room 201-C at the County Complex at 3:00 p.m. (ET) on Thursday, August 21, 2014.

Bids must be clearly marked, "Splash Pad Repair-Phase 3 (Bid No. 07-14/15)". Contractors mailing bids should allow delivery time to ensure timely receipt of their bid. The responsibility for getting the bid to Florence County on or before the specified time and date is solely and strictly the responsibility of the proposing firm. Any bids received later than the submission deadline will not be accepted/considered. Electronic bids will not be accepted. Directions may be obtained by calling (843) 665-3018. Florence County will in no way be responsible for delays caused by any occurrence.

Florence County under Title VI of the Civil Rights Act of 1964 and related statutes ensures that no person shall on the grounds of race, color, national origin, sex, disability, and age, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity it administers.

La ciudad de Florencia en el Título VI de la Ley de Derechos Civiles de 1964 y los estatutos, se asegura de que ninguna persona por motivos de raza, color, origen nacional, sexo, discapacidad, edad, ser excluido de participar en, ser negado los beneficios de, o ser de otra manera sujeto a discriminación bajo cualquier programa o actividad que administra.

This request for bids does not commit Florence County to award a contract; to pay any cost incurred in the preparation of a bid; or, to procure or contract for the services. Florence County reserves the right to accept or reject any or all bids received as a result of this request; to negotiate with any or all qualified proposers; or, to cancel in part or in its entirety this bid invitation, if it is in the best interest of the County to do so.

SPECIFICATIONS/SCOPE OF WORK

CONCRETE DECK TOPPING SECTION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Surface preparation.

B. Application of decorative deck coating system for pools.

1.02 REFERENCES

A. ASTM C109 - C109/C109M-02 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2" or [50 mm] Cube Specimens).

B. ASTM C666-84 – Resistance of Concrete to Rapid Thawing and Freezing

C. ASTM C944-85 – Abrasion Resistance of Concrete or mortar Surfaces by the Rotating-Cutter Method

D. ACI 308 - Standard Practice for Curing Concrete.

E. ICRI Technical Guide No. 03730.

1.03 SUBMITTALS

A. Comply with Florence County Procurement procedures.

B. Submit manufacturer's product data and application instructions.

1.04 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Store materials in a clean, dry area in accordance with manufacturer's instructions.

C. Protect materials during handling and application to prevent damage or contamination.

1.05 ENVIRONMENTAL REQUIREMENTS

A. Do not apply below 40° F (4° C) or above 90° F (32° C) or when rain is imminent.

B. Protect from conditions that may cause early water loss: high winds, low humidity, high temperature and direct sunlight.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. MORTEX MANUFACTURING COMPANY, 1818 West Price Street, Tucson, Arizona, 85705-2217. (800) 338-3225. Fax (866) 966-7839. Web Site www.mortex.com.

B. AVM INDUSTRIES, INC., 8245 Remmet Ave., Canoga Park, California, 91304. (888) 414-1041. Web Site www.avmindustries.com.

C. Manufacturer of approved equivalent product approved by Florence County Parks and Recreation and Engineer.

2.02 MATERIALS

A. Pool Deck Coating

1. KEYSTONE KOOL DECK ELITE concrete topping by MORTEX.

2. AVM SYSTEM 200 ELASTO DECK&POOL by AVM INDUSTRIES.

3. Equivalent approved by Florence County Parks and Recreation and Engineer

B. Bonding Agent

1. MORTEX PTA BONDING AGENT by MORTEX.

2. AVM PRIMER 100 by AVM INDUSTRIES.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine surfaces to receive product. Notify engineer if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

A. Mechanically abrade existing substrate to remove all unsound concrete, ensuring excessive force is not used. Mechanical grinding, sanding or wire brushing are not approved surface preparation methods.

B. Prepare surface in accordance with ICRI Technical Guide No. 03730.

C. Ensure substrate is structurally sound and free of grease, oil, dirt or any other contaminants that can adversely affect the bond.

D. Ensure prepared surface is dust-free and has a sufficient profile to ensure adequate mechanical lock

E. Clean hairline cracks and rout all cracks larger than 1/8”. Prime and seal cracks and joints flush. See Specification for Concrete Crack Sealant.

F. Ensure substrate must be free of standing water.

3.03 APPLICATION

A. Mixing

1. Mix repair mortar in accordance with manufacturer's instructions, ensuring water requirements are adhered to.

2. Slowly add powder and mix to desired consistency.

3. Mix until manufacturer's recommended consistency is obtained.

B. Placement

1. Apply bonding agent per manufacturer's instructions prior to application of product.

2. Apply base coat and texture coat per manufacturer's instructions with surface prepared per manufacturer's instructions.

3. Do not mix more material than can be placed and finished in 30 min. at 77° F (25°C).

4. Finish surface per manufacturer's instructions.

5. Provide expansion joints per construction drawings, manufacturer's recommendations and ANSI A108.01-3.7 requirements. Do not cover existing expansion joints with mortar.

C. Finishing

1. Apply the finish mix per manufacturer's instructions to provide proper texture. Thickness should not exceed 5/32" maximum.

2. Cure repair mortar immediately following application using a suitable water-based curing compound in accordance with ACI 308.

3. Follow manufacturer's instructions for curing and finishing.

END OF SECTION

CONCRETE CRACK SEALANT SECTION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Concrete joint preparation.

B. Application of single-component, cold-applied horizontal crack sealant.

1.02 REFERENCES

A. ASTM C661: Standard Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer

B. ASTM C719: Standard Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement

C. ASTM C793: Standard Test Method for Effects of Laboratory Accelerated Weathering on Elastomeric Joint Sealants.

D. ASTM C794: Standard Test Method for Adhesion in Peel of Elastomeric Joint Sealants.

E. ASTM C920: Standard Specification for Elastomeric Joint Sealants.

F. Federal Specification A-A-1556A: Sealing Compound (Elastomeric Joint Sealant).

1.03 QUALITY ASSURANCE

A. Installer Qualifications: Use an installer and adequate number of skilled personnel who are thoroughly trained and experienced in joint sealing application techniques.

B. Obtain sealant materials and accessories from a single manufacturer regularly engaged in manufacturing the product.

C. Provide products which comply with all state and local regulations controlling use of volatile organic compounds (VOCs).

1.04 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Store materials in a clean, cool, dry area in accordance with manufacturer's instructions.

C. Do not open packaging until ready to use.

D. Protect materials during handling and application to prevent damage or contamination.

1.05 ENVIRONMENTAL REQUIREMENTS

A. Apply sealant at temperatures between 50o F and 90o F (10o C and 32o C).

B. Do not apply sealant in joints containing free water.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. SEALMASTER Corporation, 2520 S. Campbell St., Sandusky, Ohio, 44870. (800) 395-7325. Web Site www.sealmaster.net.

B. AVM INDUSTRIES, INC., 8245 Remmet Ave., Canoga Park, California, 91304. (888) 414-1041. Web Site www.avmindustries.com.

C. Equivalent manufacturer approved by Florence County Parks and Recreation and Engineer.

2.02 MATERIALS

A. Horizontal Crack Sealant: Cold-applied, single-component, crack-bridging elastomeric sealant.

1. SEALMASTER CONCRETE CRACK SEALANT manufactured by SEALMASTER.

2. AVM ACRIPATCH 5020 manufactured by AVM.

3. Equivalent product approved by Florence County Parks and Recreation and Engineer.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas to receive sealant. Notify consultant if surfaces are not acceptable. Do not begin joint preparation or sealant application until unacceptable conditions have been corrected.

B. Ensure sealant is not in direct contact with asphaltic concrete pavements or asphaltic joint fillers.

3.02 PREPARATION

A. Clean hairline cracks prior to installing sealant. Remove dust, dirt, and laitance prior to application.

B. Protect adjacent surfaces not designated to receive sealant.

3.03 APPLICATION

A. Pour sealant into joint in one direction and allow sealant to flow and level out as necessary.

B. Follow all manufacturer's instructions.

3.04 CLEAN UP

A. Clean tools with xylene or toluene and remove masking tape before sealant cures.

Liquidated Damages: The time limit that is set for this project is three (3) months. In order to ensure a sincere and reasonable effort on the Contractor's part to accomplish the work in a timely fashion, delay damages due to inconveniences to the owner for work not being accomplished on time will be at the rate of five hundred dollars ($500.00) per day. The Contractor should realize that delays due to bad weather, materials, and such, not under the control of the Contractor will be considered by the Engineer for time extension.

END OF SECTION

The Contractor must adhere fully to the instructions and requirements outlined on Drawing Sheets S-1, S-2, S-5, S-8 and S-9.

In addition to the eight (8) stated instruction under the S-8 drawing, the following shall be added as the ninth required instruction for the drawing. Please include this in your primary bid:

9. Saw-cut approximately 12" around existing un-used lifeguard stand support plate a maximum depth of 2". Chip and remove concrete around and inside lifeguard stand support plate. Cut to remove support plate and pour concrete patch to match height of adjacent slab. Provide control joint around patch per detail 4/S-9 and place topping slab per specifications.

Bid Alternate 1: Repair of approximately 61 feet x 6 feet of sidewalk on the south end of splash pad.

Repair and Sequencing

1. Remove and replace deck topping slab per 2/S-9. The depth of the topping is 1/8 inches.
2. Repair any existing patches or spalls per 3/S-9
3. The entire deck topping slab is to be removed and replaced.

Bid Alternate 2: Repairs of more than 200 square feet to the Splash Pad Decking.

END OF SECTION

MINIMUM MANDATORY REQUIREMENTS

The following minimum mandatory requirements shall be met and documented:

1. In business for at least the past five (5) years under the current business name without declaring bankruptcy. A letter on company letterhead declaring that the company has been in business for five (5) years + and has not declared bankruptcy can be included with the bid form in lieu of a bid bond. (Include with bid).

2. Copy of Worker's Compensation and General Liability Insurance with Florence listed as additional insured supplied to the Procurement Office prior to contract execution or commencement of any work. (Must be provided prior to execution of a contract).

3. The successful vendor must be able to meet all Federal, State (including SCDHEC), and local regulations required for this project. Any projects costing five thousand dollars ($5,000) or more must be performed by a contractor who has been issued a public swimming pool contractor specialty license in accordance with the South Carolina Department of Labor, Licensing and Regulation.

INSTRUCTIONS TO BIDDERS

1) RECEIPT AND OPENING OF SEALED BIDS:

a) Sealed bids will be received and opened as specified in this Invitation-To-Bid document.

b) The Owner will consider as non-responsive any bid not prepared and submitted in accordance with the provisions hereof and may waive any informality or reject any and all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 120 days after the actual date of the opening thereof or as provided for the in the bid documents whichever is later.

2) PREPARATION OF BID:

a) All bids will be evaluated in accordance with procedures and specifications contained herein and Florence County Code. The responsiveness to same determined in accordance to the instructions and criteria in this document. Any bid not providing sufficient information and documentation to comply with the Invitation-To-Bid Evaluation requirements will be considered non-responsive and removed from further consideration.

b) A bid shall be made in the official name of the firm or individual under which business is conducted (showing the official business address) and must be signed in ink by a person duly authorized to legally bind the person, partnership, company, or corporation submitting the bid.

c) All information requested of the bidder shall be entered in the appropriate spaces on the provided forms. If additional space is required, attach additional pages as needed within the sealed bid response.

d) Bidders mailing their bid must allow a sufficient mail delivery period to insure timely receipt of their bid. Florence County is not responsible for bids delayed by mail and/or delivery services of any nature. It is the bidder's sole responsibility to insure that all documents are received by person (or office) at the time indicated in the bid document. No facsimile or email submissions.

e) Bidders must clearly mark as "Confidential" each part of their offer which they consider to be proprietary information that could be exempt from disclosure under Section 30-4-40, Code of Laws of South Carolina, 1976 as amended (Freedom of Information Act). If any part is designated as "confidential", there must be attached to that part an explanation of how this information fits within one or more categories listed in Section 30-4-40. Florence County reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against Florence County or his agents for its determination in this regard.

f) All information shall be entered in ink or typewritten.

g) All proposed costs shall be for all licenses, permits, taxes, labor, material, transportation, equipment and any other components/services that are required to complete the work embraced herein this Invitation-To-Bid document.

h) If applicable, each bidder shall show the names, address and license number of any subcontractors and the scope of their work, which he may employ on the Project. Subcontractors will be required to comply with all applicable requirements of the Specifications. If applicable, each bid shall include the bidder's name, address and South Carolina Contractor's License Number. In South Carolina, where a contract amounts to $17,500 or more, the name and license number of the

subcontractor, where bid is issued, shall also be shown. The license numbers shall be shown on the bid form bid which will be enclosed in the sealed bid.

i) Each bid must be submitted in a sealed envelope, addressed to the Owner along with the name of the project for which the bid is submitted. The bidder shall also show his name and address, on the outside of the envelope. Failure to show the required information may result in rejection of the response and removal from further consideration. If forwarded by mail or carrier, the sealed envelope containing the bid must be enclosed in another outer envelope. Florence County shall not be responsible for unidentified bids.

j) Each bidder shall acknowledge receipt of all addenda by its submission of a bid. It shall be each bidder's responsibility to assure that all addenda have been received. No claim for failure to receive addenda will be considered. All addendums issued in accordance with this bid request may be obtained from the Florence County Procurement Office located at the City-County Complex, 180 N. Irby Street; Room B-5, Florence, SC 29501, by e-mailing pfletcher@florenceco.org or by visiting the Florence County public bids web page at the following link for 07-14/15: http://www.florenceco.org/offices/procurement/bids/.

k) All questions pertaining to this bid must be submitted in writing by e-mailing pfletcher@florenceco.org no later than 5:00 p.m. (EST) Friday, August 15, 2014. Only written questions will be considered formal.

3) BIDDER QUALIFICATIONS:
   a) To be acceptable to the Owner, bidders must be skilled and/or licensed, if applicable, in the class of work on which they respond, and no bid will be considered from any bidder who is unable to show that he has actually performed considerable work of similar character to that on which he is bidding.

4) BID BOND (SURETY) REQUIRMENTS:
   a) As discussed in the Bid Surety Requirement document contained herein, Bid Surety must accompany any and all responses submitted that contain estimated project costs exceeding twenty-five thousand dollars ($25,000.00) Failure to satisfy this Bid Surety requirement will result in your bid being considered non-responsive and removed from further consideration for award of the subject contract. Bid Surety can be provided as discussed below.

   b) Bid Surety will not be required from Contractors that have been in business for five (5) consecutive years without filing for bankruptcy. A statement on the company's letterhead from the firm stating this qualification will replace the bid bond and must accompany the bid.

   c) For all bidders not meeting the criteria of "b" above, a deposit in the amount of five percent (5%) of the proposed total contract price shall accompany the bid. These deposits shall take the form of certified check, cashier's check or bond executed by a corporate surety licensed under the laws of this state. The cashier's check or certified check shall be deposited to the County's account if the successful bidder fails to enter into the proposed contract within ten (10) days after the award. Bid deposits of unsuccessful bidders will be returned as soon as the contract is awarded.

   d) <u>One of the above requirements must be met for your response to be considered.</u>

5) EXECUTION OF CONTRACT:
   a) The bidder to whom an award is made shall deliver to the County a certificate of insurance as discussed in **Item 9 below**. The County's issuance of a purchase order and/or verbal notification of such execution may serve as the official "Notice to Proceed". Bidders failing to enter the proposed contract may be subject to Debarment and Suspension, as prescribed under Section 11-102 of the

Florence County Code, from future consideration for award of contracts. Bidders failing to enter the proposed contract may result in claims against bonds.

6) LIQUIDATED DAMAGES FOR FAILURE TO ENTER INTO CONTRACT:
   a) The successful bidder, upon his failure or refusal to execute and deliver the contract required within ten (10) working days after he has received "Notice of Award", shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with his bid. Forfeiture of guaranty under this section may result in the bidder being subjected to Debarment or Suspension, as prescribed under Section 11-102 of the Florence County Code, from future consideration for award of contracts.

7) TERM OF CONTRACT AND CONTRACT DOCUMENTS:
   a) The contract documents that will form the contract shall include:
      The Complete Bid Document
      All Addenda
      The Successful Bidder's Submitted Bid Document
      Notice of Award (Verbal or Written)
      Purchase Order/Agreement/Contract
      Insurance Certification

8) ORDER OF PRECEDENCE
   a) In the event of inconsistent or conflicting provision of this contract and referenced documents, the following descending order of precedence shall prevail: (1) Florence County Procurement Ordinance, as amended (2) Bid Announcement/Advertisement (3) Special Terms and Conditions, (4) Instructions to Responders and Vendor Agreements (5) Other provisions of the contract whether incorporated by reference or otherwise, and (6) the Specifications.

9) INSURANCE AND BONDS:
   a) Upon award of the contract or Purchase Order, the bidder shall maintain, throughout the performance of its obligations a policy of Worker's Compensation insurance with such limits as may be required by SC law, and a policy or policies of general liability insurance insuring against liability for injury to, and death of, persons and damage to, destruction of, property arising out of, or based upon, any act or omission of the bidder or any of its subcontractors of their respective officers, directors employees or agents. Such liability insurance shall have limits sufficient to cover any loss or potential loss resulting from this contract. Florence County must be listed as additional insured. The certificate must allow a minimum of a 30 day written notice of cancellation. Bidder shall provide a Certificate of Insurance to the Florence County Procurement offices prior to start of work.

10) EXAMINATION OF PROJECT'S WORK SITES:
   a) Each of the bidders shall fully familiarize itself with the conditions relating to the bid to insure complete understanding of all the details involved. The bidder shall satisfy itself as to the actual requirements of the bid by personal examination of its location or other means, so as to enable the bidder to make an informed bid. Failure to do so shall not relieve the successful bidder of its obligation to furnish all materials, products, and/or labor necessary to complete the provision of the awarded contract. and failure to do so may result in the claims against bonds. No allowance will be made for any claims that a bid and/or response was based on incomplete information as to the nature and character of the sites and of the work involved.

11) INTERPRETATIONS OF PLANS AND SPECIFICATIONS:
   a) No binding interpretation of the meaning of the Documents or any questions relating to the bid will be made to any bidder orally prior to the receipt of bids. Any request for such interpretation or questions shall be in writing addressed to the Owner or designee. To be given consideration, such requests must be received at least seven (7) days prior to the scheduled date for opening sealed bids. Any such

interpretations or supplemental instructions will be issued in the form of addenda to the Contract Documents which will be mailed or emailed to persons receiving a set of documents, not later than three days prior to the date for opening of bids. Failure of any bidder to receive such addenda shall not relieve the successful bidder of any obligation under the awarded contract and this Document.

12) RIGHT TO INCREASE OR DECREASE THE AMOUNT OF WORK:

a) The Owner reserves the right to increase or decrease the amount of work under the Contract at the unit prices quoted in the bid received from the successful bidder.

13) POWER OF ATTORNEY:

a) Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power-of-attorney

14) LAW AND REGULATIONS:

a) The bidder's attention is directed to the fact that all applicable Federal, State (including SCDHEC), and Local laws, statutes, ordinances, and the rules and regulations of all authorities having jurisdiction over the project shall apply to the contract and the project throughout, and they will be deemed to be included in the contract the same as though herein written out in full.

b) The bidder's attention is directed to the fact that all bids will comply as prescribed under the most current Florence County Code.

15) METHOD OF AWARD:

a) Contracts will be awarded to the bidder whose bid appears to serve the best interest of the owner. The successful bidder will be determined as prescribed herein this Document.

b) Florence County reserves the right to accept or reject, in whole, in part, together or separately, any and all responses as appears in its judgment to be in the best interests of the County, or to waive any and all technicalities and informalities in determining the action of each bid.

16) OBLIGATION OF BIDDER:

a) At the time of the opening of bids, each bidder will be presumed to have inspected the site, if applicable, and to have read and to be thoroughly familiar with the Documents (including all addenda). The failure or omission of any bidder to examine any form, instruction or document shall in no way relieve any bidder from any obligation in respect to this Invitation-To-Bid.

VENDOR AGREEMENTS

1) STATEMENT OF RIGHTS
   a) Florence County reserves the right to obtain clarification or additional information necessary to properly evaluate a bid. Vendors may be asked to give a verbal presentation of their bid after submission. Failure of vendor to respond to a request for additional information or clarification could result in rejection of that vendor's bid. Florence County reserves the right to accept or reject any and all bids, in whole or in part, separately or together, with or without cause; to waive technicalities in submissions, to secure a project that is deemed to be in the best interest of the County. Florence County also reserves the right to make purchases outside of the awarded contracts where it is deemed in the best interest of the County.

2) GENERAL TERMS:
   a) Each bidder by submitting a response to Florence County as a result of this Invitation-To-Bid, agrees to and acknowledges its acceptance of and agreement with the procedures outlined below and the terms, conditions and requirements of the applicable Florence County Invitation-To-Bid document. Agreement is evident by the submission of a response to Florence County. If a vendor cannot agree to these terms, or violates these procedures, the response will be judged non-responsive and not considered. If the procedures are violated during the evaluation process or prior to the issuance of a contract by Florence County, the offer of the firm in question will be void and Florence County will procure the goods/services in question from other eligible vendors.

3) SPECIFIC TERMS:
   a) Products offered shall meet all requirements of the Uniform Commercial Code, if applicable.

   b) Responses submitted are final and complete offers by the vendor. No additions, corrections, modifications, changes or interpretations will be allowed. In the event questions arise on what is meant by an offer, the Procurement Officer will make a determination as to the county interpretation of the vendor's offer. If, after informing the vendor of the county's opinion, disagreement as to scope of the offer is present, the offer will be declared VOID.

   c) Florence County reserves the right to award bids received on the basis of individual items, groups of items, or the entire list of items; to reject any and all bids; and to waive any technicalities. In every case, Florence County reserves the right to make awards deemed to be in the best interest of the County and to negotiate further the offer determined by the County to be in the best interest of the County.

   d) Unit prices will govern over extended prices. Prices must be stated per unit and extended for the total quantity.

   e) Florence County is not exempt from sales tax, if applicable. Sales, use, or excise tax, as well as any handling and shipping charges, must be shown as separate items.

   f) Florence County has a local preference of 2%, which may be applied in bid award determination.

   g) Any deviation from specifications in the bid must be clearly pointed out; otherwise, it will be considered that the items offered are in strict compliance with these specifications, and the successful bidder will be held responsible therefore. Unless otherwise stated, it is understood and agreed that any item offered or shipped on this bid shall be new and suitable for storage or shipment, and that prices include standard commercial packaging and handling.

h) Any attempt by a vendor to influence the opinion of the county staff, or County Council, by discussion, promotion, advertising or any procedure to promote their offer, will constitute grounds to judge such an offer non-responsive. All offers presented to Florence County will be evaluated based on the current County Code and the offer as presented to the county on the date/time specified in the given bid.

i) In the event of inconsistent or conflicting provision of this contract and referenced documents, the following descending order of precedence shall prevail: (1) Florence County Procurement Ordinance, as amended (2) Bid Announcement/Advertisement (3) Special Terms and Conditions, (4) Instructions to Responders and Vendor Agreements (5) Other provisions of the contract whether incorporated by reference or otherwise, and (6) the Specifications.

j) Florence County reserves the right to make periodic inspections of the manner and means the service is performed or the goods are supplied.

k) All vendors are informed that the Procurement Officer may exercise the County's option to extend the contract, (purchase order) under the provisions of County Code should such extension be mutually agreeable between the County and the selected vendor.

l) The Bidder agrees to secure at Bidder's own expense all personnel necessary to carry out Bidder's obligations under this Bid. Such personnel shall not be deemed to be employees of the County nor shall they or any of them have or is deemed to have any direct contractual relationship with the County. The County shall not be responsible for withholding taxes with respect to the Bidder's compensation hereunder. Bidder shall not hold himself out as an employee of the County, and shall have no power or authority to bind or obligate the County in any manner, except County shall make payment to Bidder for services as herein provided. Bidder shall obtain and maintain all licenses and permits required by law for performance of this contract by him. The Bidder shall have no claim against the County hereunder or otherwise for vacation pay, sick leave, retirement benefits, social security, worker's compensation, health or disability benefits, unemployment insurance benefits, or employee benefits of any kind. State or Federal governments, including but not limited to Social Security, workmen's compensation, Employment Security, sales or use tax and any other taxes and licenses or insurance premiums required by law. The County shall pay no employee benefits or insurance premiums of any kind to or for the benefit of Bidder or his employees, agents, and servants by reason of this contract. The Bidder will carry liability insurance relative to any service that he performs for the County. A certificate of insurance must be submitted to the procurement office prior to services performed, with the requested coverage and limits per the County, with Florence County listed as additional insured.

m) The vendor will act in an independent capacity and not as officers or employees of the County. The vendor shall indemnify, defend and hold harmless Florence County, its officers, agents and employees from liability and any claims, suits, judgments, and damages of any nature brought because of, arising out of, or due to breach of the agreement by Vendor, its subcontractors, suppliers, agents, or employees or due to any negligent act or occurrence or any omission or commission of Vendor, its subcontractors, suppliers, agents, or employees.

n) The successful vendor shall indemnify and hold harmless the Florence County, its officers, agents and employees from all suits or claims of any character resulting from patent, trademark or copyright infringement or accidents/injury at any point in the delivery of goods/services.

o) It is the responsibility of the prospective bidder to review the entire invitation for bids packet and to notify the Procurement Department if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or

bidding procedures must be received by the Procurement Department not less than five (5) days prior to the time set for bid opening. These requirements also apply to specifications or instructions that are ambiguous.

p) Should any vendor fail to perform or comply with any provision or terms and conditions of any documents referenced and made part hereof, Florence County may terminate this contract, in whole or in part, and may consider such failure or non-compliance a breach/default of contract. The County, the County reserves the right to purchase any/all items or service in default on the open market. By submittal of a response all vendors agree to this provision. No additional responses will be considered from a firm in default until the default expenses are paid. No principals of a defaulting firm may submit a response under another organization or individual name until their previous default is settled.

q) Florence County may terminate this agreement with or without cause at any time. In the event of termination by either party, fees due for services satisfactorily performed or goods accepted prior to the termination shall be paid.

r) Unless specifically requested, submit one (1) copy of your response.

s) In the event no funds are appropriated by Florence County for the goods or services in any fiscal year or insufficient funds exist to purchase goods or services, then the Contract shall expire upon the expenditure of previously appropriated funds or the end of the current fiscal year, whichever occurs first, with no further obligations owed to or by either party.

t) All submittals become the property of Florence County.

u) All bids (and supporting documents) will be retained by Florence County for a period of one hundred twenty (120) days from the date the bids are opened, and no bid shall be received nor shall any bidder be allowed to withdraw a bid after the opening hour commences.

v) Brand names and numbers, when used, are for reference only to indicate character or quality desired and do not indicate a preference. Equal items will be considered; equal items shall state the brand name or quality; and Florence County's determination of what shall constitute equality shall be final and conclusive.

w) S.C. LAW CLAUSE: Upon award of a contract or Purchase Order under this bid, the person, partnership, association, or corporation to whom the award is made must comply with the laws of South Carolina, which require such person or entity to be authorized and/or licensed to do business in this state. Notwithstanding the fact that applicable statutes may exempt or exclude the successful bidder from requirements that it be authorized and/or licensed to do business in this state, by submission of this signed bid, the bidder agrees to subject itself to the jurisdiction and process of the courts of the State of South Carolina, to all matters and disputes arising or to arise under the contract and performance thereof, including any questions as to the liability for taxes, licenses, or fees levied by the State.

4) LIQUIDATED DAMAGES: The time limit that is set for this project is three (3) months. In order to ensure a sincere and reasonable effort on the Contractor's part to accomplish the work in a timely fashion, d
5) elay damages due to inconveniences to the owner for work not being accomplished on time will be at the rate of five hundred dollars ($500.00) per day. The Contractor should realize that delays due to bad weather, materials, and such, not under the control of the Contractor will be considered by the Engineer for time extension.

FLORENCE COUNTY, SOUTH CAROLINA, a Body Politic and Corporate and a Political Subdivision of the State of SC	MAIL TO: Florence County Procurement 180 N. Irby Street City-County Complex MSC-R Florence, SC 29501	
SEALED BID #01-14/15, PHASE 3 SPLASH PAD REPAIRS AT LYNCHES RIVER PARK	HAND CARRY TO: Procurement Office, Room B-5 City-County Complex, 180 N. Irby Street Florence, South Carolina 29501	
Bids will be received at the Procurement Office, County Complex, 180 N. Irby Street, Rm. B-5 until Thursday, Thursday, August 21, 2014 at 2:45 p.m. (ET).	TELEPHONE NO. (843) 665-3018	
Then Publicly Opened in Rm. 201-C Florence, SC 29501 on Thursday, August 21, 2014 at 3:00 p.m.		

LEGAL COMPANY NAME:_____

D/B/A IF APPLICABLE:_____

MAILING ADDRESS:_____

PHYSICAL ADDRESS:_____

CITY-STATE-ZIP:_____

TELEPHONE NO:_____**FAX NO:**_____

FEDERAL ID (TAX ID) NO: _____ **E-MAIL:** _____

AUTHORIZED SIGNATURE : _____

PRINTED NAME:_____

SC CONTRACTOR'S LICENSE # (if applicable) _____

Primary Bid: Total cost, including all taxes, permit fees, and all expenses needed for phase 3 repairs for an estimated 200 square feet to the Splash Pad decking at the Lynches River County Park located at 902 Spine Road, Coward, SC 29530 as outlined in the scope of work of this document. (See Drawing Sheets S-1, S-2, S-5, S-8 and S-9).

TOTAL PRIMARY BID PRICE: **$**_____

Total Bid Amount in Words _____

Bid Alternate 1: Total cost, including all taxes, permit fees and all expenses for phase 3 repairs to approximately 61 feet x 6 feet of sidewalk on the south end of splash pad. (See page 9 of the bid document)

TOTAL ALTERNATE 1 BID PRICE: **$**_____

Total Bid Amount in Words _____

Bid Alternate 2: Total additional cost , including all taxes, permit fees and all expenses needed for phase 3 repairs **of more than 200 square feet to the Splash Pad Decking** at the Lynches River County Park as outlined in the scope of work of this document. (See Drawing Sheets S-1, S-2, S-5, S-8 and S-9).

ALTERNATE 2 BID PRICE PER SQUARE FEET: $_____

Total Bid Amount in Words _____

The contractor has three (3) months from the date of the Notice to Proceed letter to complete the project.

The Bidder declares their Bid Response is made without any connection with any other individual that may be submitting a Bid Response to this IFB and their Bid Response, in all respects, is fair and in good faith, without collusion or fraud, with another Bidder, representative or agent.

By submission of a response to this Invitation for Bid, the bidder agrees and certifies, to deliver all required services and perform all required work with the strictest conformance to meet or exceed the scope of services, specifications and minimum requirements contained within this Invitation to Bid.

All pricing is firm and will remain firm for at least ninety (90) calendar days from the time and date of the IFB submittal and opening. During this period, the Bidder may only withdraw their Bid Response by submitting a written request to Florence County and Florence County approving said written request.

The bidder agrees to abide by all conditions of this bid and verifies that he is authorized to sign this bid for the offerer. The bidder further states that the company affiliated with this bid currently complies with all applicable federal and state laws and directives relative to non-discriminatory practices in employment.

The Bidder, in compliance with the Invitation-To-Bid, and having examined the Project Documents, and being familiar with all of the conditions surrounding the proposed project, including the

availability of materials, labor, and work site environmental conditions, hereby proposes to furnish all permits, labor, materials, supplies, and equipment and to perform the duties in accordance with the contract documents of which this Bid Form is a part.

The Bidder declares that he has read, understands, and accepts the Vendor Agreements and Instructions to Responders which are part of the bid documents.

The Bidder further proposes and agrees, if this Bid is accepted, to contract with Florence County, to furnish all permits, materials, equipment, tools, apparatus, means of transportation, and labor necessary hereto, and to complete the proposed project in full and complete accordance with the Project Documents, to the full and entire satisfaction of the Owner, at the prices listed in the Bid Schedule. The amounts listed on the Bid Schedule section of this Bid Form also include all costs associated with the compliance of all applicable State laws, local ordinances, and the rules and regulations of all authorities and professional association standards having jurisdiction over the project or the materials used throughout, and they will be deemed to be included in the contract the same as though herein written out in full. Unit prices and/or lump sums are shown in the Bid Schedule section below. In case of error in extension, the Unit Price shall govern rather than the Amount. Where Lump Sum Amounts are bid, the amount for each bid item shall govern rather than the total of any several items.

BID BOND (SURETY) REQUIREMENT

Bid Surety acts to protect the County from delays and expenses incurred in the lengthy competitive sealed bidding and competitive sealed bid processes, and provides the County with some financial assurance that should the bidder be awarded the project, the successful bidder will enter into the contract with the County. The successful bidder forfeits its Bid Surety in the event it cannot perform the work required by the invitations-for-bid or request-for-bids.

For all responses submitted with estimated project costs exceeding twenty-five thousand dollars ($25,000.00), Bid Surety in the amount of at least five percent (5%) of the proposed project costs must be submitted with the response. Failure to satisfy this Bid Surety requirement will result in your bid being considered non-responsive and removed from further consideration for award of the subject contract. Bid Surety can be provided as discussed below.

BID SURETY OPTIONS:

Option A:

Bid Surety will not be required from Contractors that have been in business for five (5) consecutive years without filing for bankruptcy. A certificate or statement on business letterhead from the firm stating it meets this qualification will replace the bid surety and must accompany the bid. Bidders not meeting this requirement must furnish Bid Surety as discussed in Option B below.

Option B:

For all bidders not meeting the criteria of "Option A" above, a deposit in the amount of five percent (5%) of the proposed contract price must accompany the bid. These deposits shall take the form of a certified check, cashier's check or a surety bond executed by a corporate surety licensed under the laws of this state. **PERSONAL OR COMPANY CHECKS DO NOT MEET THIS REQUIRMENT**. The cashier's check or certified check shall be deposited to the County's account if the successful bidder fails to enter into the proposed contract. Bid deposits of unsuccessful bidders will be returned as soon as the contract is awarded.

One of the above requirements must be met and submitted with for your response. Failure to satisfy this Bid Surety requirement will result in your response being considered non-responsive and removed from further consideration for award of the subject project's contract.

SAMPLE BID BOND

KNOW ALL MEN BY THESE PRESENTS, THAT WE, the undersigned, _____, as Principal,

and _____, as Surety, are hereby held and firmly bound unto, As Owner, in the penal sum

of _____ ($_____), for the payment of which, well and

truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

Signed, this _____ day of _____, 20____.

The condition of the above obligation is such that whereas the Principal has submitted to _____ a

certain Bid, attached hereto and hereby made a part hereof into a contract in writing, for the _____.

NOW, THEREFORE,

(a) If said Bid shall be rejected, or in the alternate,
(b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall in all other respects perform the agreement caused by the acceptance of said Bid, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired of affected by any extension of the time within which the Owner may accept such Bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

_____(L. S.)
PRINCIPAL

_____
SURETY

By:_____
(SEAL)

PAYMENT BOND REQUIREMENT

A Payment Bond must be submitted to the County by the successful responder ("Contractor") once it has been awarded the contract. Payment Bonds encompass the prime Contractor's obligation to pay subcontractor and others for material and labor used in the project. A Payment Bond guarantees that the Contractor will pay certain bills for labor and materials (including those from subcontractors and suppliers), which are associated with the subject contract. The Payment Bond requirement helps assure that the Contractor provides suitable evidence of its financial condition and ability to complete the project without financial difficulty.

For all contracts submitted with costs exceeding twenty-five thousand dollars ($25,000.00), a Payment Bond in the amount of one hundred percent (100%) of the contract price must be submitted by the Contractor with the proposed contract to the County. Failure to satisfy this Payment Bond requirement will result in the Contractor being considered non-responsive and possibly removed from consideration for award of future County contracts. Payment Bond guaranty options are discussed below.

PAYMENT BOND GUARANTY OPTIONS:

For all contracts submitted with costs exceeding twenty-five thousand dollars ($25,000.00), a Payment Bond guaranty in the amount of one hundred percent (100%) of the contract price must be submitted by the Contractor with the proposed contract to the County. This Payment Bond requirement can be satisfied utilizing one of the two options below:

(1) Option A:

The Contractor with the executed contract must submit a Payment Bond in the required amount discussed above and executed by a corporate surety licensed under the laws of this state. Contractors not meeting this requirement must furnish an alternative Payment Bond Guaranty as discussed in Option B below.

(2) Option B:

For all Contractors not meeting the criteria of "Option A" above, a deposit in the amount of one hundred percent (100%) of the contract price must be submitted by the Contractor with the proposed contract to the County. This deposit shall take the form of a certified check, or a cashier's check deposited with the County. **PERSONAL OR COMPANY CHECKS DO NOT MEET THIS REQUIRMENT**. Failure of the Contractor to satisfactorily fulfill its obligations under the subject contract shall result in the forfeiture of this deposit.

One of the above requirements must be met and submitted by the successful Contractor with its proposed contract to the County. Failure to satisfactorily fulfill its obligations under the subject contract shall result in the forfeiture of the Payment Bond guaranty.

Responders failing to enter the proposed contract and also post the required Payment Bond may be subject to Debarment or Suspension, as prescribed under Section 11-102 of the Florence County Code, from future consideration for award of contracts.

PERFORMANCE BOND REQUIREMENT

A Performance Bond must be submitted to the County by the successful responder ("Contractor") once it has been awarded the contract. The Performance Bond insures that the project will be completed even if the prime Contractor defaults or abandons the project. A Performance Bond guarantees contract performance by the Contractor, according to the contract specifications, terms and conditions. The Performance Bond requirement helps assure that the Contractor provides suitable evidence of its financial condition and ability to complete the project without financial difficulty.

For all contracts submitted with costs exceeding twenty-five thousand dollars ($25,000.00), a Performance Bond in the amount of one hundred percent (100%) of the contract price must be submitted by the Contractor with the proposed contract to the County. Failure to satisfy this Performance Bond requirement will result in the Contractor being considered non-responsive and possibly removed from consideration for award of future County contracts. Performance Bond guaranty options are discussed below.

PERFORMANCE BOND GUARANTY OPTIONS:

For all contracts submitted with costs exceeding twenty-five thousand dollars ($25,000.00), a Performance Bond Guaranty in the amount of one hundred percent (100%) of the contract price must be submitted by the Contractor with the proposed contract to the County. This Performance Bond guaranty requirement can be satisfied utilizing one of the two options below:

(3) Option A:

The Contractor with the executed contract must submit a Performance Bond in the required amount discussed above and executed by a corporate surety licensed under the laws of this state. Contractors not meeting this requirement must furnish an alternative Performance Bond Guaranty as discussed in Option B below.

(4) Option B:

For all Contractors not meeting the criteria of "Option A" above, a deposit in the amount of one hundred percent (100%) of the contract price must be submitted by the Contractor with the proposed contract to the County. This deposit shall take the form of a certified check, or a cashier's check deposited with the County. **PERSONAL OR COMPANY CHECKS DO NOT MEET THIS REQUIRMENT**. Failure of the Contractor to satisfactorily fulfill its obligations under the subject contract shall result in the forfeiture of this deposit.

One of the above requirements must be met and submitted by the successful Contractor with its proposed contract to the County. Failure to satisfactorily fulfill its obligations under the subject contract shall result in the forfeiture of the Performance Bond Guaranty.
Responders failing to enter the proposed contract and also post the required Performance Bond may be subject to Debarment or Suspension, as prescribed under Section 11-102 of the Florence County Code, from future consideration for award of contracts.

STATE OF SOUTH CAROLINA)
) **CONTRACT NO. 07-14/15 (SAMPLE)**
COUNTY OF FLORENCE)

THIS AGREEMENT (hereinafter the "Agreement" or "Contract") entered into this _____ day of _____, 2013 by and between the **COUNTY OF FLORENCE**, South Carolina, a body politic and corporate under the State of South Carolina (hereinafter the "County") and _____ a Corporation, the address of which is:_____ (hereinafter the "Contractor"), for and in consideration of the mutual covenants herein set forth, and for other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

ARTICLE 1
DOCUMENTS INCORPORATED BY REFERENCE

1.1 This Contract includes the specifications for the Project identified thereon as such, the County's invitation for Invitation for Bids. No. 07-14/15, and all addenda thereto, as well as the Contractor's bid submission, including all forms required in the Bid Documents. All these documents specified in this Article 1 are hereby incorporated herein by reference and made a part hereof (hereinafter collectively referred to as the "Contract" or "Contract Documents"). Change orders issued hereafter and any other amendments properly executed by the County and the Contractor shall become and be a part of this Contract. Documents not included or expressly contemplated in this Article 1 do not, and shall not, form any part of this Contract. The Contract Documents are intended to be complementary, and a requirement in one document shall be deemed to be required in all documents.

1.2 Contractor shall comply with all applicable Federal, State (including SCDHEC), and Local laws which may be applicable to any aspect of its activities under this Contract. By entering into this Contract, Contractor affirmatively warrants that the Contractor, to the best of its knowledge, information, and belief, is currently in compliance with all applicable Federal, State (including SCDHEC), and Local laws and further warrants that during the term of this Contract, Contractor shall remain in compliance therewith.

ARTICLE 2
REPRESENTATIONS OF THE CONTRACTOR

In order to induce the County to execute this Contract and recognizing that the County is relying thereon, the Contractor, by executing this Contract, makes the following express representations to the County:

2.1 The Contractor is fully qualified to act as the general contractor for the Project and has, and shall maintain throughout the effective term of this Contract, any and all licenses, permits, and

other authorizations necessary to act as the general contractor for, and to construct, the Project.

2.2 The Contractor has become familiar with the Project site and the local conditions under which the Project is to be constructed and operated.

2.3 The Contractor has received, reviewed and examined all the documents which make up the Contract, including, but not limited to, all plans and specifications, and has found them, to the best of its knowledge, to be complete, accurate, adequate, consistent, coordinated and sufficient to complete the Project.

ARTICLE 3
INTENT AND INTERPRETATION

With respect to the intent and interpretation of this Contract, the County and the Contractor agree as follows:

3.1 This Contract (along with its exhibits and all documents incorporated herein by reference), together with the Contractor's and Surety's performance and payment bonds for the Project, constitute the entire and exclusive agreements between the parties with reference to the project, and said Contract supersedes any and all prior discussions, communications, representations, understanding, negotiations, or agreement.

3.2 Anything that may be required or reasonably inferred by the documents which make up this Contract, or any one or more of them, shall be provided by the Contractor for the Contract Price.

3.3 Nothing contained in this Contract shall create, nor be interpreted to create, privity or any other relationship whatsoever between the County and any person except the Contractor.

3.4 When a word, term or phrase is used in this Contract, it shall be interpreted or construed first, as defined herein; second, if not defined, according to its generally accepted industry meaning; and third if there is no generally accepted industry meaning, according to its common and customary usage.

3.5 The words "include," "includes," and "including," as used in this Contract, shall be deemed to be followed by the phrase, "without limitation".

3.6 The listing herein of any items as constituting a material breach of this Contract shall not imply that any other, non-listed item will not constitute a material breach of this Contract.

3.7 In the event of any conflict, discrepancy, or inconsistency among any of the documents which make up this Contract, the following shall control:

3.7.1 As between this document and the plans or specifications, this document shall govern.

3.7.2 In the case of any conflict, discrepancy or inconsistency among any of the other Contract documents, the Contractor shall notify the County immediately upon discovery of the same.

ARTICLE 4
CONTRACTOR'S PERFORMANCE

The Contractor shall perform all of the work required, implied or reasonably inferable from this Contract including, but not limited to, the following:

4.1 The Contractor will complete the entire Work described in the Contract Documents, in accordance with the terms herein, and the Scope of Work, all as may be amended from time to time.

4.2 Contractor shall furnish any and all required surety bonds and insurance certificate(s) and endorsement(s).

ARTICLE 5
TIME FOR CONTRACTOR'S PERFORMANCE

5.1 The Contractor shall commence the performance of this Contract on the date of the Notice to Proceed Letter and shall diligently continue its performance to and until Completion of the Project. **The contractor shall accomplish Substantial Completion (as defined below) for Phase 3 Splash Pad Repairs at the Lynches River County Park located at 902 Spine Road, Coward, SC 29530 according to specifications detailed in Bid No. 07-14/15 in no more than ninety (90) calendar days following execution of the date of the Notice to Proceed Letter.** By signing this contract, the contractor agrees that the Contract Time is a reasonable time for accomplishing Completion of the Project.

5.2 The term "Substantial Completion," as used herein, shall mean that point at which, as certified in writing by the County, the Project is sufficiently complete in accordance with the Contract Documents so that the County can utilize the Work for its intended use.

5.3 The County has the right to impose liquidated damages in the amount of $500 per calendar day for any days after the required date of completion noted above that the project is not substantially complete.

ARTICLE 6
FIXED PRICE AND CONTRACT PAYMENTS

6.1 The County shall pay, and the Contractor shall accept, as full and complete payment for the Contractor's timely performance of its obligations hereunder the fixed price of **xxxxxxxxxxx ($xxxx)**. This price shall constitute the Contract Price.

6.2 When the Project is complete and the Contractor is ready for a final review, it shall notify the County. Thereupon, the County will perform a final site review of the Project. If the County concurs that the Project is complete and in full accordance with this Contract and that the Contractor has performed all of its obligations to the County hereunder, the County will pay the Contract Price to the Contractor.

6.3 Guarantees and equipment warranties required by this Contract shall commence on the date of Substantial Completion.

DUTIES, OBLIGATIONS AND RESPONSIBLITIES OF THE CONTRACTOR

In addition to any and all other duties, obligations and responsibilities of the Contractor set forth in the Contract Documents, the Contractor shall have and perform the following duties, obligations and responsibilities to the County:

7.1 The Contractor shall not perform work without adequate plans and specifications. If the Contractor performs work knowing or believing, or if through exercise of reasonable diligence it should have known, that such work involves an error, inconsistency or omission in the Contract without first providing written notice to the County, the Contractor shall be responsible for such work and shall correct same bearing the costs therefore.

7.2 All work shall strictly conform to the requirements of this Contract. To that end the Contractor shall be solely responsible for and have control over the performance of all portions of the Work, unless otherwise specified in the Contract Documents.

7.3 The work shall be strictly supervised, the Contractor bearing full responsibility for any and all acts, errors or omissions of those engaged in the work on behalf of the Contractor, including, but not limited to all subcontractors or employees. The Contractor shall provide on-site supervision while any portion of the work is being performed.

7.4 The Contractor hereby warrants that all laborers furnished under this Contract shall be qualified and competent to perform the tasks undertaken, that the product of such labor shall yield only first-class results, that all materials and equipment provided shall be new (unless otherwise specified) and of high quality, that the completed work will be complete, of high quality, without defects, and that all work strictly complies with the requirements of this Contract. Any work not strictly complying with the requirements of this section shall constitute a breach of the Contractor's warranty.

7.5 The Contractor shall maintain the Project site and adjacent areas affected by its work and/or acts of its employees and subcontractors in a reasonably clean condition during the performance of the work. Upon substantial completion, the Contractor shall clean the Project site of all debris, trash and excess materials and equipment. If the Contractor fails to do so, the County may complete the cleanup, by its own forces or by separate contract, and shall be entitled to charge the Contractor for the same through the collection or withholding of funds through the mechanisms provided elsewhere herein.

7.6 At all times relevant to this Contract, the Contractor shall permit the County and its designated representative(s) to enter upon the Project site to review or inspect the work and any materials on the site without formality or other procedure.

7.7 PROTECTION OF PERSONS AND PROPERTY. It shall be the responsibility of the Contractor to initiate, continue and supervise all safety programs and precautions in performance of the terms of this Contract. The Contractor shall take reasonable precautions for the safety of, and shall provide reasonable protection to prevent damage, injury or loss to its employees, subcontractors, employees of the County and members of the public, the Work itself and unassembled components thereof, and other property at the site or adjacent thereto. As part of the Contractor's obligations hereunder, the Contractor shall erect and maintain safeguards, barriers, signs, warnings, etc.

ARTICLE 8
INDEMNITY

The Contractor hereby expressly agrees to indemnify and hold the County harmless against any and all expenses and liabilities arising out of the performance or default of this Contract or arising from or related to the Work as follows:

8.1 Contractor expressly agrees to the extent that there is a causal relationship between its negligent, reckless or intentionally wrongful action or inaction, or the negligent, reckless or intentionally wrongful action or inaction of any of its employees or any person, firm or corporation directly or indirectly employed or retained by the Contractor, and any damage, liability, injury, loss or expense (whether in connection with bodily injury or death or property damage or loss) that is suffered by the County or its employees or by any member of the public, to indemnify and save the County and its employees harmless against any and all liabilities, penalties, demands, claims, lawsuits, losses, damages, costs, and expenses arising out of the performance or default of this Contract or arising from or related to the Work, regardless of whether such liabilities, penalties, demands, claims, lawsuits, losses, damages, costs, and expenses are caused in part by the County. Such costs are to include, without limitation, defense, settlement and reasonable attorneys' fees incurred by the County and its employees. This promise to indemnify shall include without limitation, bodily injuries, death occurring to Contractor's employees and any person, directly or indirectly employed or retained by the Contractor (including without limitation any employee of any subcontractor), the County's employees, the employees of any other independent contractors, or occurring to any member of the public. When the County submits notice, Contractor shall promptly defend any aforementioned action.

8.2 The limits of insurance required herein shall not limit the Contractor's obligations under this Article. The terms and conditions contained in this Article shall survive the termination of this Agreement or the suspension of the Work hereunder. The recovery of fees and costs specified herein will also apply to any actions to enforce this Article.

ARTICLE 9
DISCOVERING AND CORRECTING DEFECTIVE OR INCOMPLETE WORK

9.1 In the event that the Contractor covers, conceals or obscures its work in violation of this Contract or in violation of an instruction from the County, such work shall be uncovered and displayed for review by the County upon request, and shall be reworked at not cost in time or money to the County.

9.2 The Contractor shall, at no cost in time or money to the County, correct work rejected by the County as defective or failing to conform to this Contract. Additionally, the Contractor shall reimburse the County for all review, inspections and other expenses incurred as a result thereof.

9.3 In addition to its warranty obligations set forth elsewhere herein and any manufacturer's warranties provided on the project, and in addition to other remedies provide herein or by law to the County, the Contractor shall be specifically obligated to promptly correct any and all defective or nonconforming work, whether obvious or after-discovered, for a period of twelve (12) months following Substantial Completion upon written direction from the County.

ARTICLE 10
TERMINATION BY THE COUNTY

The County may terminate the Contract in accordance with the following terms and conditions:

10.1 The County may, by written notice, terminate this Contract in whole or in part at any time, for the failure to fulfill the Contract obligations. Upon receipt of such notice, services shall be immediately discontinued unless the notice directs otherwise, and all materials as may have been accumulated in performing this Contract, whether completed or in progress delivered to the County.

10.2 Termination due to the failure to fulfill the Contractor's obligations may cause the County to take over the work and prosecute the same to completion by Contract or otherwise. In such case, the contractor shall be liable to the County for any additional cost occasioned to the County thereby.

10.3 The rights and remedies of the County provided in this Article are in addition to any other rights and remedies provided by law or under this Contract.

10.4 Notwithstanding any other provision contained herein, any violation or breach of terms of this Contract on the part of the Contractor or their subcontractors may result in the suspension or termination of this Contract or such other action that may be necessary to enforce the rights of the parties of this Contract. The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights, and remedies otherwise impose or available by law.

ARTICLE 11

INSURANCE

The Contractor shall have and maintain insurance in accordance with the requirements of the Contract Documents.

ARTICLE 12
SURETY BONDS

The contractor shall furnish separate performance and payment bonds to the county, as required by the Invitation to Bid. Each bond shall set forth a penal sum in an amount not less than the Contract Price. Each bond furnished by the Contractor shall incorporate by reference the terms of this Contract as fully as though they were set forth verbatim in such bonds. The performance and payment bonds furnished by the Contractor shall be in form suitable to the County and shall be executed by a surety, or sureties, reasonably acceptable to the County.

ARTICLE 13
ENTIRE AGREEMENT

Any modification to this Contract must be supported by an additional, articulated consideration, and must either be in writing, executed by the parties hereto, or, if made orally, should be confirmed in writing, which writing should state the consideration which supports the modification. Failure to confirm an oral modification in writing shall constitute a waiver of any claim for additional compensation with regard to the oral modification. Nothing in this Article shall be construed to limit the County's authority to issue changes.

ARTICLE 14
SEVERABILITY

If any term or condition of this Contract or application thereof to any person(s) or circumstances is held invalid, this invalidity shall not affect other terms, conditions or applications which can be give effect without the invalid term, condition, or application. To this end, the terms and conditions of this Contract are agreed to be severable.

ARTICLE 15
WAIVER

Waiver of any breach of any term or condition of this Contract shall not be deemed a waiver of any prior or subsequent breach, and shall not entitle any party hereto to any subsequent waiver of any terms hereunder. No term or condition of this Contract shall be held to be waived, modified or deleted except by an instrument, in writing, signed by the parties hereto.

ARTICLE 16
NOTICES

All notices to each party to this Contract shall be in writing, and sent as follows:

To County:

Patrick D. Fletcher, Procurement Director
Florence County
180 North Irby Street, MSC-G
Florence, SC 29501
Telephone: (843) 665-3018
Fax: (843) 665-3070
E-Mail: pfletcher@florenceco.org

To Contractor:

xxxxxxxxx
xxxxxxxxxx
xxxxxxxxx
xxxxxxxxxx
Telephone: xxxxxxxxx

All notices, demands, requests, consents or approvals that may or are required to be given by any party to another shall be in writing and shall be deemed given if: (i) served personally by hand delivery; (ii) sent by nationally-recognized overnight courier with return receipt; or (iii) sent by Unites States registered or certified mail, by depositing the same in the United States Mail in the continental United States, postage prepaid, return receipt requested and addressed to such other party at the address specified above or at such other place as such other party may from time to time designate by notice in writing to the other parties hereto. Rejection or other refusal to accept a notice, demand, request or consent, or the inability to deliver because of a changed address, of which no notice was given, shall be deemed to be actual receipt thereof. In the event given by registered or certified mail, such notice, demand, request, or consent so mailed shall be effectively conveyed upon receipt or shall be presumed to have been effectively conveyed and received by the addressee 72 hours after deposit of same in the mail, whichever first occurs.

ARTICLE 17
APPLICABLE LAW

The laws of South Carolina shall govern this Contract. In any litigation arising under this Contract, all such litigation shall be litigated in the Circuit Court within the Twelfth Judicial Circuit Court of Florence County, South Carolina. Without limitation upon the prevailing party's rights to recovery such fees and costs, the relevant provisions of Section 15-37-10 et seq. of the Code of Laws of South

Carolina (1976, as amended) shall apply to this Article, as the case may warrant. This Contract is **not** subject to arbitration.

ARTICLE 18
SUCCESSOR AND ASSIGNS

Each party binds itself, it successor, assigns, executors, administrators or other representative to the other party hereto and to successors, assign, executors, administrators or other representatives of such other party in connection with all terms and conditions of this Contract. The Contractor shall not assign this Contract without prior written consent of the County

IN WITNESS WHEREOF, the parties have executed this Agreement in two (2) originals under the day and year first written above.

WITNESSETH:

_____

_____

FOR CONTRACTOR:

_____
Contractor Name

Federal Tax I.D. No.:_____

FOR FLORENCE COUNTY:

_____
Suzanne King, Administrative Services Director

_____
K. G. (Rusty) Smith, County Administrator

_____
Patrick D. Fletcher, Procurement Director

FLORENCE COUNTY PARKS AND RECREATION
SPLASH PAD REPAIR PLANS

FLORENCE, SOUTH CAROLINA
COLLINS PROJECT NO. 40-7476

PROJECT LOCATION

SOURCE: GOOGLE MAPS

PROJECT SITE

SOURCE: GOOGLE MAPS

Approximate Location of Project:

LATITUDE	34° 2' 50"
LONGITUDE	79° 46' 59"

INDEX OF SHEETS

S-1	TITLE SHEET
S-2	GENERAL NOTES AND SITE PLAN
S-3	EXISTING CONDITIONS: AREA 1
S-4	EXISTING CONDITIONS: AREA 2
S-5	EXISTING CONDITIONS: AREA 3
S-6	PHASE ONE: AREA 1 REPAIRS
S-7	PHASE TWO: AREA 2 REPAIRS
S-8	PHASE THREE: AREA 3 REPAIRS
S-9	REPAIR DETAILS

PROJECT LOCATION

LYNCHES RIVER COUNTY PARK
1110 BEN GAUSE ROAD
COWARD, SOUTH CAROLINA

PLANS PREPARED FOR

FLORENCE COUNTY PARKS & RECREATION
710 SOUTH IRBY STREET
FLORENCE, SC 29501
P: (843) 667-0920
F: (843) 667-0934

PLANS PREPARED BY

COLLINS ENGINEERS INC.
225 SEVEN FARMS DRIVE
SUITE 200
CHARLESTON, SC 29492
P: (843) 884-2027
F: (843) 884-2028
24 Hour Service 1-877-FIND-CEI

CODES AND DOCUMENTS

1. ALL CONSTRUCTION SHALL BE PERFORMED IN CONFORMANCE WITH THE STATE OF SOUTH CAROLINA AND ALL OTHER APPLICABLE CODES AND REGULATIONS OF AGENCIES HAVING JURISDICTION. CONSTRUCTION MUST CONFORM TO THE FOLLOWING:

   BUILDING CODE:
   INTERNATIONAL BUILDING CODE (2006) PLUS AMENDMENTS

   STRUCTURAL CONCRETE
   "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
   THE AMERICAN CONCRETE INSTITUTE (ACI 318-2005)

2. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE ONE PART OF THE CONTRACT DOCUMENTS AND SHALL BE USED IN CONJUNCTION WITH THE REMAINING PARTS OF THE CONTRACT DOCUMENTS. SPECIFICATIONS HAVE BEEN ISSUED IN CONJUNCTION WITH THESE DRAWINGS.

3. "DRAWINGS" MEANS THE LATEST STRUCTURAL DESIGN DRAWINGS, UON. "SPECIFICATIONS" MEANS THE LATEST PROJECT SPECIFICATIONS, UON.

4. THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONTRACT DOCUMENTS AND SHALL BE USED IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS. IN CASES, IF ANY, WHERE REQUIREMENTS INDICATED ON THE STRUCTURAL DRAWINGS DIFFER FROM THE SPECIFICATIONS, NOTIFY THE STRUCTURAL ENGINEER. FOR PRICING, ASSUME THAT THE DRAWINGS TAKE PRECEDENCE OVER THE SPECIFICATIONS IN THE CASE OF ANY CONFLICTS.

5. ALL DETAILS AND NOTES ON THE DRAWINGS ARE INTENDED TO BE TYPICAL WHERE CONDITIONS ARE SIMILAR TO THOSE INDICATED BY DETAIL, DETAIL TITLE, OR NOTE.

6. THE DIMENSIONS INDICATED ON THE DRAWINGS ARE APPROXIMATE.

CONTRACTOR RESPONSIBILITIES AND COORDINATION

1. THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS FOR SUCCESSFUL COMPLETION OF THIS PROJECT.

2. THE SPECIFICATIONS AND STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION, UON. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATION OF CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO.

3. ALL FIELDWORK SHALL BE COORDINATED WITH FLORENCE COUNTY PARKS AND RECREATION WHILE CONTINUOUSLY SUPERVISED BY THE CONTRACTOR.

4. THE CONTRACTOR SHALL MAKE NO DEVIATION FROM THE DESIGN DRAWINGS WITHOUT WRITTEN APPROVAL FROM FLORENCE COUNTY PARKS AND RECREATION AND THE STRUCTURAL ENGINEER.

5. THE CONTRACTOR SHALL NOTIFY FLORENCE COUNTY PARKS AND RECREATION AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES BETWEEN THE STRUCTURAL DOCUMENTS AND ANY OTHER DOCUMENTS OR EXISTING CONDITIONS FOR RESOLUTION PRIOR TO PROCEEDING WITH THE WORK.

6. ANY DAMAGE TO ADJACENT MATERIALS SHALL BE REPAIRED IN KIND AT THE CONTRACTOR'S EXPENSE.

EXISTING SLAB REMOVAL

1. ALL EXISTING SITE CONDITIONS SHOWN ARE FOR REFERENCE ONLY AND ARE TO BE FIELD VERIFIED BY THE CONTRACTOR.

2. MEANS AND METHODS OF EXISTING SLAB REMOVAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE WITH FLORENCE COUNTY PARKS AND RECREATION FOR LOCATION OF ANY UTILITIES.

3. REMOVED MATERIALS, UNLESS NOTED OTHERWISE, BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS.

4. THE CONTRACTOR SHALL USE QUALIFIED, EXPERIENCED PERSONNEL FOR REMOVAL OPERATIONS. REMOVAL OPERATIONS SHALL BE PERFORMED IN A CAREFUL AND ORDERLY MANNER TO AVOID HAZARDS TO PERSONS, DAMAGE TO PROPERTY, AND THE SPREADING OF DUST AND FLYING PARTICLES.

5. THE EXACT EXTENT OF REMOVAL TO BE DONE SHALL BE VERIFIED AT THE SITE. DETERMINE THE NATURE AND EXTENT OF REMOVAL THAT WILL BE NECESSARY BY COMPARING THE DRAWINGS WITH THE EXISTING CONDITIONS.

CONCRETE MATERIAL PROPERTIES

1. CONCRETE STRENGTH SHALL MEET THE FOLLOWING 28-DAY COMPRESSIVE STRENGTHS (f'c):

   ALL STRUCTURAL CONCRETE: 4,000 PSI

2. PROVIDE NORMAL WEIGHT CONCRETE WITH MINIMUM CURED DENSITY OF 145 PCF, AND AGGREGATE CONFORMING TO ASTM C33, UON.

REINFORCEMENT

1. REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS AND MATERIAL PROPERTIES:

   DEFORMED BARS: ASTM A615 (GRADE 60)

2. DETAIL REINFORCEMENT BASED ON THE PROJECT REQUIREMENTS, ACI-318 AND ACI-315.

3. FOR BARS INDICATED IN GROUPS, PROVIDE BARS OF EACH GROUP AT EQUAL SPACING, UON.

REPAIR MORTAR

1. CONCRETE SURFACES TO BE PATCHED SHALL BE THOROUGHLY CLEANED BY REMOVING ANY LOOSE PARTICLES AND DUST. THE SURFACES SHALL BE SATURATED FOR APPROXIMATELY FOUR HOURS SUBSEQUENT TO CLEANING. JUST PRIOR TO CONCRETE PLACEMENT, THE REPAIR AREA SHALL BE IN A SATURATED, SURFACE DRY CONDITION (THOROUGHLY WET WITH NO STANDING WATER).

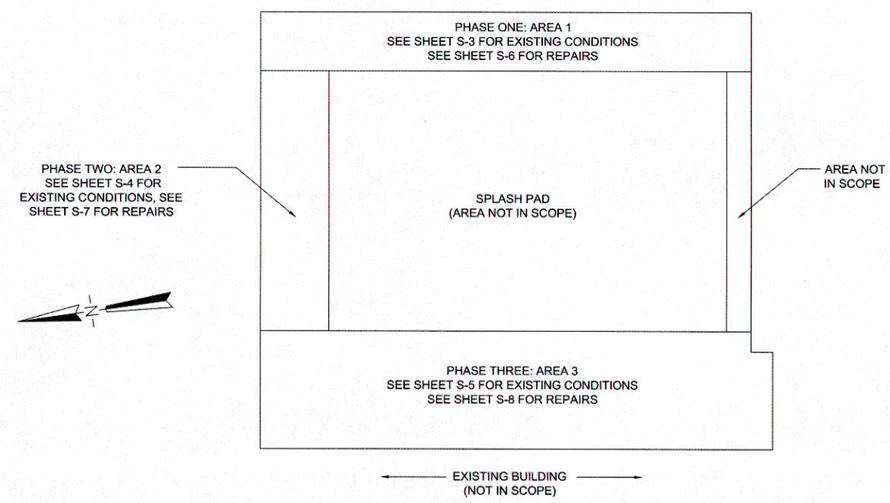
2. REPAIR CONC., GROUT, AND MORTAR COMPRESSIVE STRENGTH: f'c = 5,000 PSI MIN. AT 28 DAYS. MIX SHALL BE AS DETAILED IN THE SPECIFICATIONS.

PRODUCTS

1. COMPLY WITH ALL MANUFACTURER'S PRODUCT REQUIREMENTS AND RECOMMENDATIONS FOR HANDLING, STORING, PREPARATION, INSTALLATION AND CURING.

ABBREVIATIONS

APPROX	APPROXIMATELY
CONC	CONCRETE
EXIST	EXISTING
MANUF	MANUFACTURER
MAX	MAXIMUM
MIN	MINIMUM
SF	SQUARE FEET
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD



SITE PLAN
SCALE: NTS
1 / S-2

SYM	DESCRIPTION	DATE	APPR.
	ISSUED FOR REVIEW	1/11/13	JS
	ISSUED FOR CONSTRUCTION	02/7/13	JS

FLORENCE COUNTY PARKS & RECREATION
710 SOUTH IRBY STREET
FLORENCE, SOUTH CAROLINA 29501

COLLINS ENGINEERS INC.
COLLINS ENGINEERS, INC.
225 SEVEN FARMS DRIVE, SUITE 200
CHARLESTON, SOUTH CAROLINA 29492
(843) 884-2027

SEAL

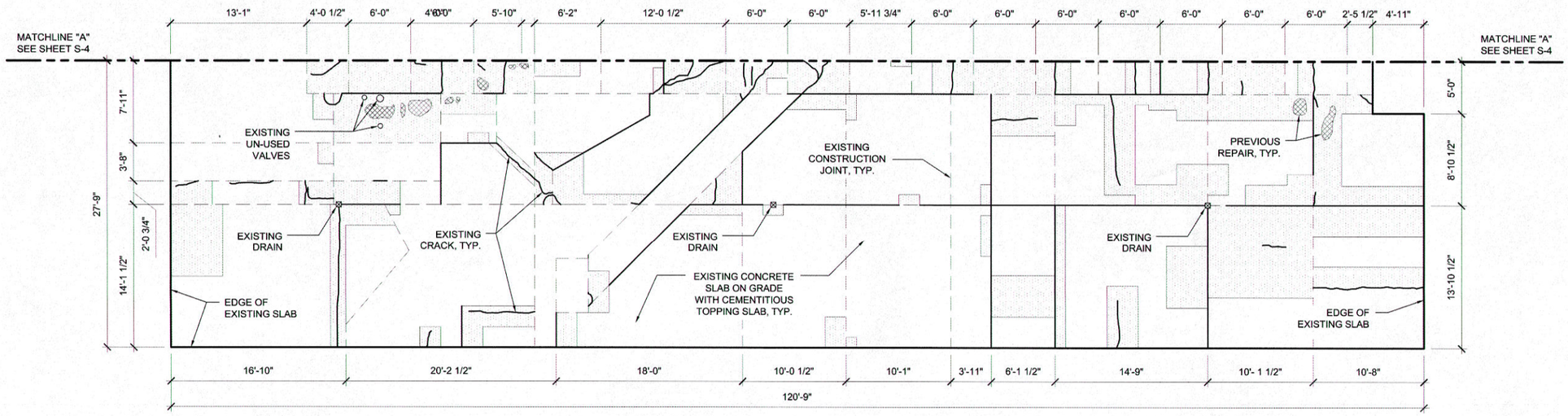
DES DEC | DRW DEC | CHK JB

FLORENCE COUNTY PARKS & RECREATION

SPLASH PAD REPAIR PLANS

GENERAL NOTES AND SITE PLAN

SCALE: AS SHOWN
PROJECT NO.: 40-7476
CONSTR. CONTR. NO.
DRAWING NO.
SHEET 2 OF 9
S-2



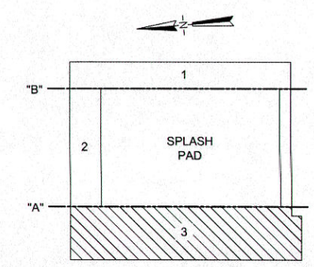
PLAN: EXISTING CONDITIONS - AREA 3

SCALE: NTS

1
S-5

SHEET NOTES

1. ALL DIMENSIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY FLORENCE COUNTY PARKS AND RECREATION AND FIELD OBSERVATIONS ON MAY 24, 2012. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO BEGINNING WORK.
2. DENOTES APPROX AREAS OF DELAMINATED CONCRETE.
3. DENOTES APPROX AREAS WITH PREVIOUS REPAIRS.
4. SEE SHEET S-6 FOR PHASE THREE, AREA THREE REPAIRS.



KEY PLAN

STB	DESCRIPTION	DATE	APPR
	ISSUED FOR CONSTRUCTION	02/7/13	JS

FLORENCE COUNTY PARKS & RECREATION
710 SOUTH IRBY STREET
FLORENCE, SOUTH CAROLINA 29501

COLLINS ENGINEERS INC
COLLINS ENGINEERS, INC.
225 SEVEN FARMS DRIVE, SUITE 200
CHARLESTON, SOUTH CAROLINA 29492
(843) 884-2027

SEAL

DES DEC | DRW DEC | CHK JS

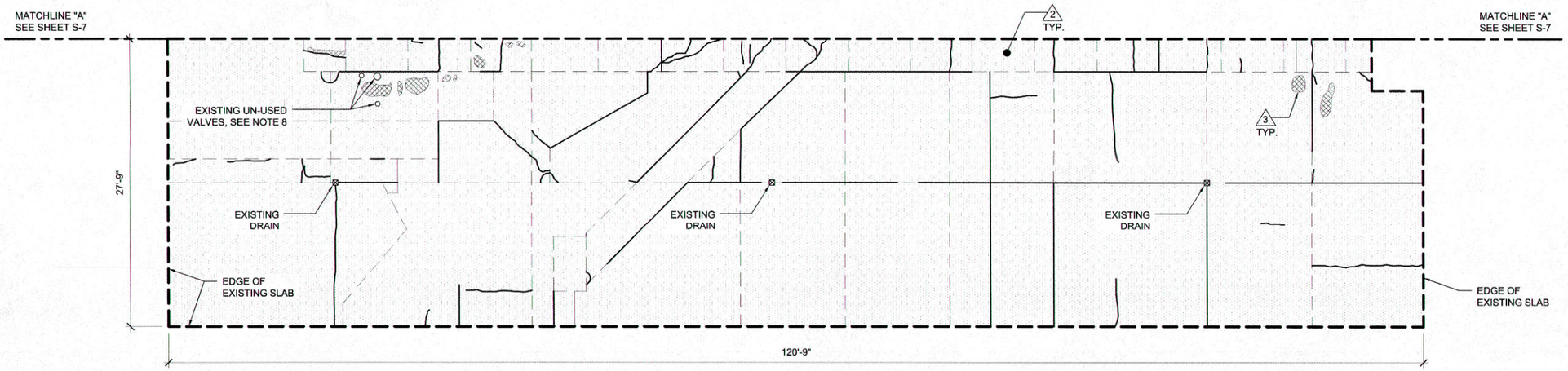
FLORENCE COUNTY PARKS & RECREATION

SPLASH PAD REPAIR PLANS

EXISTING CONDITIONS: AREA 3

SCALE: AS SHOWN
PROJECT NO.: 40-7476
CONSTR. CONTR. NO.
DRAWING NO.
SHEET 5 OF 9

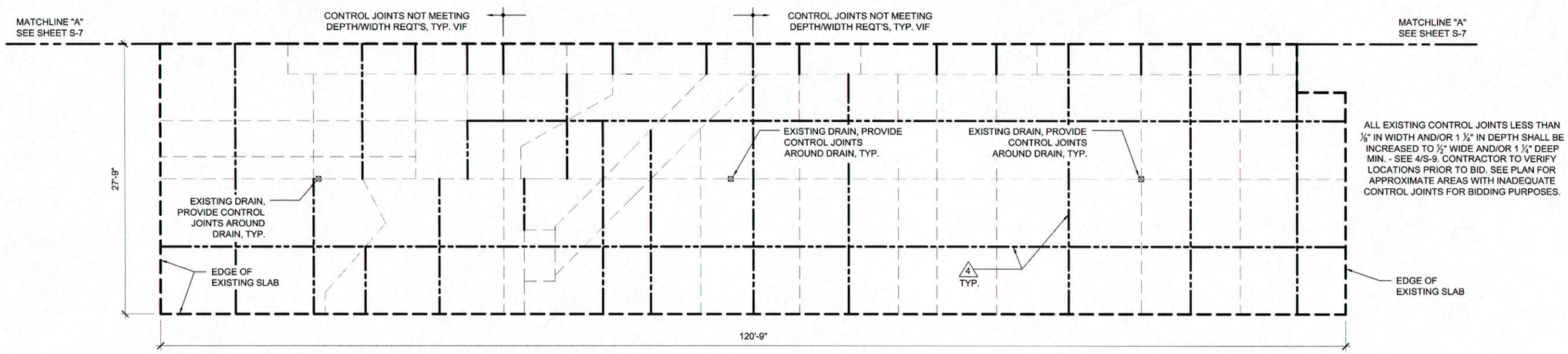
S-5



PLAN: PHASE THREE - AREA 3 CONCRETE REPAIRS

SCALE: NTS

1
S-6



ALL EXISTING CONTROL JOINTS LESS THAN ⅛" IN WIDTH AND/OR 1 ¼" IN DEPTH SHALL BE INCREASED TO ½" WIDE AND/OR 1 ¼" DEEP MIN. - SEE 4/S-9. CONTRACTOR TO VERIFY LOCATIONS PRIOR TO BID. SEE PLAN FOR APPROXIMATE AREAS WITH INADEQUATE CONTROL JOINTS FOR BIDDING PURPOSES.

PLAN: PHASE THREE - AREA 3 CONTROL JOINT PLACEMENT

SCALE: NTS

2
S-6

SHEET NOTES

1. ALL DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO BEGINNING WORK.
2. — — — DENOTES AREA OF PHASE THREE REPAIRS.
3. DENOTES AREA OF DELAMINATED CONCRETE.
4. DENOTES APPROX AREA OF EXISTING PATCH/SPALL.
5. — - — - INDICATES LOCATION OF NEW CONTROL JOINT.
6. SEE PHASE THREE REPAIRS THIS SHEET FOR SEQUENCING OF REPAIRS.
7. SEE SHEET S-9 FOR REPAIR DETAILS.
8. CUT OFF TOP OF EXISTING UN-USED VALVE 4" BELOW TOP OF EXISTING SLAB. FILL TOP FOOT OF VALVE WITH CONCRETE AND POUR CONCRETE PATCH TO MATCH HEIGHT OF ADJACENT SLAB. PROVIDE CONTROL JOINT AROUND CONCRETE PATCH PER DETAIL 4/S-9 AND PLACE TOPPING SLAB PER SPECIFICATIONS.

REPAIRS AND SEQUENCING

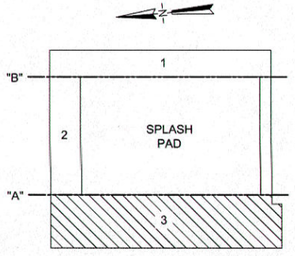
2 REMOVE AND REPLACE DECK TOPPING SLAB PER 2/S-9.

3 REPAIR ANY EXISTING PATCHES OR SPALLS PER 3/S-9.

4 INSTALL CONTROL JOINTS PER 4/S-9.

NOTE

TWO PLANS SHOWN FOR CLARITY. REPAIRS FOR PHASE THREE INCLUDE REPAIR OF SPALLED/DELAMINATED CONCRETE AND PLACEMENT OF NEW CONTROL JOINTS.



KEY PLAN

SYM	DESCRIPTION	DATE	APPR.
	ISSUED FOR CONSTRUCTION	02/7/13	JS

FLORENCE COUNTY PARKS & RECREATION
710 SOUTH IRBY STREET
FLORENCE, SOUTH CAROLINA 29501

COLLINS ENGINEERS INC.
COLLINS ENGINEERS, INC.
225 SEVEN FARMS DRIVE, SUITE 200
CHARLESTON, SOUTH CAROLINA 29492
(843) 884-2027

SEAL

DES DEC | DRW DEC | CHK JS

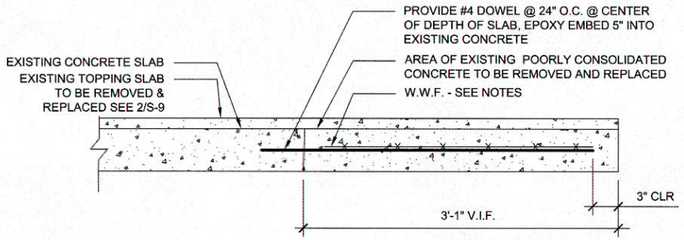
FLORENCE COUNTY PARKS & RECREATION

SPLASH PAD REPAIR PLANS

PHASE THREE: AREA 3 REPAIRS

SCALE: AS SHOWN
PROJECT NO.: 40-7476
CONSTR. CONTR. NO.
DRAWING NO.
SHEET 8 OF 9

S-8



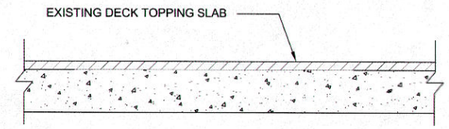
REPAIR NOTES

1. REMOVE EXISTING POORLY CONSOLIDATED CONCRETE.
2. COMPACT SOIL, IF NECESSARY, TO AT LEAST 95% OF MODIFIED PROCTOR.
3. INSTALL DOWELS INTO EXIST SLAB PER EPOXY MANUF INSTRUCTIONS.
4. INSTALL NEW CONC SLAB TO MATCH THICKNESS OF EXISTING ADJACENT SLAB. PROVIDE 6x6 W2.1xW2.1 WWF @ CENTER OF SLAB. PROVIDE ROUGH BROOM FINISH TO ACCOMMODATE TOPPING SLAB.
5. PROVIDE 1¼" DEEP, ½" WIDE CONTROL JOINTS @ 8' O.C. ALONG NEW SLAB. CONTROL JOINTS SHALL BE PLACED PRIOR TO CONCRETE HARDENING. SEAL PER SPECIFICATIONS AFTER INSTALLATION OF TOPPING SLAB.
6. CLEAN EXIST SOUND CONCRETE SLAB PER MANUFACTURERS' INSTRUCTIONS. CLEAN ALL CRACKS. ROUT ALL CRACKS 1/8" IN WIDTH AND LARGER. SEAL CRACKS WITH CONCRETE SEALER.
7. INSTALL TOPPING SLAB (SEE SPECIFICATIONS).

DETAIL: REPAIR OF EXISTING POORLY CONSOLIDATED CONCRETE

SCALE: NTS

1 / S-9



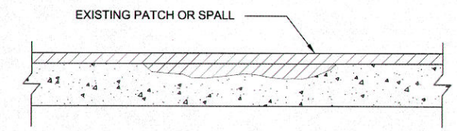
REPAIR NOTES

1. REMOVE EXISTING TOPPING SLAB.
2. ENSURE EXIST CONC SURFACE IS IN SOLID CONDITION AND HAS ROUGHENED SURFACE TO ACCOMMODATE TOPPING SLAB.
3. IF UNDERLYING CONCRETE SLAB IS DELAMINATING, SAW CUT DELAMINATED AREA TO DEPTH OF ¾" MIN AND INSTALL REPAIR MORTAR (SEE SPECIFICATIONS).
4. PROVIDE CONTROL JOINTS AT 8' O.C. IN EACH DIRECTION. CONTROL JOINTS SHOULD BE 1¼" DEEP AND ½" WIDE. SEAL PER SPECIFICATIONS AFTER INSTALLATION OF TOPPING SLAB.
5. CLEAN EXISTING SOUND CONCRETE SLAB PER MANUFACTURERS' INSTRUCTIONS. CLEAN ALL CRACKS. ROUT ALL CRACKS 1/8" IN WIDTH AND LARGER. SEAL CRACKS WITH CONCRETE SEALER.
6. INSTALL TOPPING SLAB (SEE SPECIFICATIONS).

DETAIL: REPAIR OF DELAMINATED TOPPING SLAB

SCALE: NTS

2 / S-9



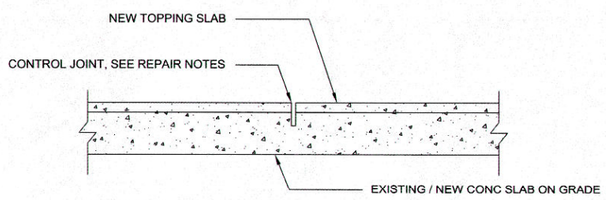
REPAIR NOTES

1. SAW CUT CONC UNTIL ONLY SOUND CONC REMAINS. MIN DEPTH OF SAW CUT TO BE GREATER OF MIN DEPTH OF SPALL OR ¾". INSTALL REPAIR MORTAR (SEE SPECIFICATIONS).
2. ENSURE EXIST CONC SURFACE IS IN SOUND CONDITION AND HAS ROUGHENED SURFACE TO ACCOMMODATE TOPPING SLAB.
3. PROVIDE CONTROL JOINTS AT 8' O.C. IN EACH DIRECTION. CONTROL JOINTS SHOULD BE 1¼" DEEP AND ½" WIDE. SEAL PER SPECIFICATIONS AFTER INSTALLATION OF TOPPING SLAB.
4. CLEAN EXISTING SOUND CONCRETE SLAB PER MANUFACTURERS' INSTRUCTIONS. CLEAN ALL CRACKS. ROUT ALL CRACKS 1/8" IN WIDTH AND LARGER. SEAL CRACKS WITH CONCRETE SEALER.
5. INSTALL TOPPING SLAB (SEE SPECIFICATIONS).

DETAIL: REPAIR OF EXISTING PATCH OR SPALL

SCALE: NTS

3 / S-9



REPAIR NOTES

1. REPLACE POORLY CONSOLIDATED CONCRETE AND SPALLED/DELAMINATED CONCRETE PER 1-3/S-9 IF NECESSARY.
2. REMOVE AND REPLACE EXISTING TOPPING SLAB PER 2/S-9.
3. PROVIDE CONTROL JOINTS AT 8' O.C. IN EACH DIRECTION. CONTROL JOINTS SHOULD BE 1¼" DEEP AND ½" WIDE. SEAL PER SPECIFICATIONS AFTER INSTALLATION OF TOPPING SLAB. ALIGN CONTROL JOINTS WITH CONTROL JOINTS IN UNDERLYING CONCRETE SLAB.
4. IF EXISTING CONTROL JOINTS ARE LESS THAN ½" WIDE AND/OR 1¼" DEEP, REMOVE SEALANT AND PROVIDE ½" WIDE, 1¼" DEEP CONTROL JOINTS. SEAL PER SPECIFICATIONS.

DETAIL: CONTROL JOINT

SCALE: NTS

4 / S-9

SYM	DESCRIPTION	DATE	APPR
	ISSUED FOR CONSTRUCTION	02/7/13	JS

FLORENCE COUNTY PARKS & RECREATION
710 SOUTH IRBY STREET
FLORENCE, SOUTH CAROLINA 29501

COLLINS ENGINEERS INC.
COLLINS ENGINEERS, INC.
225 SEVEN FARMS DRIVE, SUITE 200
CHARLESTON, SOUTH CAROLINA 29492
(843) 884-2027

SEAL

SEAL

DES DEC | DRW DEC | CHK JS

FLORENCE COUNTY PARKS & RECREATION

SPLASH PAD REPAIR PLANS

REPAIR DETAILS

SCALE: AS SHOWN
PROJECT NO.: 40-7476
CONSTR. CONTR. NO.
DRAWING NO.
SHEET 9 OF 9

S-9