



ADDENDUM NO. 3
A NEW BUILDING REPLACEMENT FOR:
FINKLEA FIRE STATION #6
HORRY COUNTY, SOUTH CAROLINA
HORRY COUNTY PROJECT NUMBER 2023-24-091
PMH PROJECT NO. 24002
May 7, 2025

NOTE: ADDENDUM NO. 3 HAS BEEN SENT TO GENERAL CONTRACTORS ONLY. GENERAL CONTRACTORS ARE RESPONSIBLE FOR COMMUNICATION OF THE ITEMS CONTAINED WITHIN THIS ADDENDUM TO APPROPRIATE SUB-CONTRACTORS.

THIS ADDENDUM CONTAINS:

- FOUR (4) PAGES OF WRITTEN ADDENDUM
- TWELVE (12) PAGES OF SPECIFICATIONS
- ONE (1) PAGE OF DRAWINGS
- THREE (3) PAGES OF PRE-BID SIGN IN

CLARIFICATIONS

1. For Clarification: The deadline for Pre-approved Equals is Thursday, May 19, 2025 at 2:00 PM. The deadline for submitting Questions is Monday, May 21, 2025 at 2:00 PM.
2. Refer to the Pre-Bid Agenda below. Article IV Site Surcharge – Fill Placement was completed May 16, 2025.

QUESTIONS AND ANSWERS

Q1. There don't appear to be specifications for Landscaping and Sprinkler work.

A1. See the specifications section below. Specification attached.

SPECIFICATIONS

1. DOCUMENT 00100 – LOCAL VENDOR PREFERENCE
 - A. Contractor's attention is directed to DOCUMENT 00100 – LOCAL VENDOR PREFERENCE. Contractor is advised to insert this Document (attached herewith) consisting of 7 pages into the Project Manual.
2. SECTION 02441 – IRRIGATION SYSTEMS
 - A. Contractor's attention is directed to SECTION 02441 – IRRIGATION SYSTEMS. Contractor is advised to insert this Section in its entirety (attached herewith) consisting of 5 pages into the Project Manual.

DRAWINGS

1. SHEET 1.1 – SURVEY
 - A. Contractor's attention is directed to SHEET 1.1 – SURVEY. Contractor is advised to insert this Sheet (attached herewith) consisting of 1 page. (Post Surcharge Existing Grade Exhibit of Finklea Fire Station prepared for Horry County, SC by Diamond Shores Surveying, LLC.)

AGENDA FOR PRE-BID CONFERENCE OF May 7, 2025

I. SIGN-IN LOG

II. INTRODUCTIONS

- A. Horry County Maintenance Department
John Barnhill, Director of Construction and Maintenance
Jack Briscoe, Senior Project Manager
Allen Wrenn, Deputy Director of Construction and Maintenance
William Mueller, Construction Project Manager
- B. PMH CROFT Representatives:
Joseph C. Pike, AIA President
Diane Price, AAIA, Project Manager
- C. Diamond Shores, LLC
Kris Touzel, Project Manager
- D. S&ME Representative

III. PROJECT SCOPE

- A. The Work includes pre-engineered steel structures, slab on grade floor and spread footing foundations. The exterior consists of masonry, brick, EIFS, and metal siding with prefinished aluminum windows, metal roof, interior CMU and metal stud partitions with painted gypsum board finish, suspended acoustical and gypsum board ceiling systems, poured epoxy and LVP flooring and other various finishes. The facility shall be provided with a fire suppression system throughout. Facility will be connected to public water and sewer. The Work also includes structural, plumbing, fire sprinkler, mechanical, electrical, civil, and landscaping.
- B. Base Bid is for a 3-truck bay Fire Station.
- C. Alternate #1 is for the addition of a 4th truck bay
- D. Alternate #2 Stationary Diesel Emergency Power Generator
- E. Alternate #3 Poured Epoxy Floor

IV. SITE SURCHARGE

- A. Fill placement was completed April 16th, 2025. After the 30-day waiting period S&ME will confirm that the assumed maximum loads are correct prior to installing foundations.

V. SCHEDULE

- A. Construction Duration: 240 calendar days.

VI. ADDENDA

- A. Two addenda have been issued to date. All addenda will be published in Horry County's electronic bidding software, BidNet.

VII. BIDS, BID DATE AND LOCATION

- A. Thursday, May 29, 2025 at 2:00 PM.

- B. Bids will be received through Horry County's electronic bidding software, BidNet at <https://www.bidnetdirect.com/southcarolina/horrycounty>. Unofficial bid results will be made public at that time through the same software.
- C. Any submission received later than the **2:00 PM** deadline will be considered "LATE" and will not be accepted.
- D. No facsimile, email or telephone bids will be accepted.

VIII. INSTRUCTIONS TO BIDDERS

- A. **The apparent low bidder and major sub-contractors will be required to attend a Contract Requirements Review Meeting(s) with the Procurement Director, the Architect and the Director of Construction and Maintenance.**
- B. Article 3.3 Substitutions
 - 1. The deadline for submitting substitution requests is **Thursday May 19, 2025** at 2:00 PM. All substitutions must be submitted via Horry County's electronic bidding software, BidNet at <https://www.bidnetdirect.com/southcarolina/horrycounty>.
- C. Article 3.4 Addenda
 - 1. The deadline for submitting questions is **Monday May 21, 2025** at 2:00 PM. All questions must be submitted via Horry County's electronic bidding software, BidNet at <https://www.bidnetdirect.com/southcarolina/horrycounty>.
- D. Article 4.1 Preparation of Bids
 - 1. Official bids shall be submitted on FORM OF PROPOSAL contained in Project Manual with all blanks filled in, and shall be part of the General Contractor's submittal uploaded to BidNet:
 - a. Price for Base Bid Work
 - b. Price(s) for Alternates
 - c. Listing of Subcontractors
 - d. Unit Prices for Unsuitable Soil and Structural Fill Material Placement
 - e. Acknowledge all Addenda
 - f. Sign Proposal and Indicate General Contractor License Numbers
 - 2. FORM OF PROPOSAL shall be submitted with:
 - a. Bid Security
 - b. Local Vendor Preference Affidavit of Eligibility
 - c. Bid Forms Packet
 - 3. Duration of Offer: Bids will be binding for 60 days after the bid closing date.
- E. Article 4.2 Bid Security
 - 1. Bid Security of five percent (5%) of the bidder's maximum bid price (including all additive alternates) is required to be submitted with bidder's bid. Bid security shall be uploaded as issued and shall be issued by a surety authorized to conduct business in the state of South Carolina, and the required Power of Attorney attached.

F. Article 7 Performance Bond

1. Successful bidder will be required to furnish:

a. Performance Bond and Labor and Material Payment Bond

IX. SUBMISSION OF BIDS

A. Bids will be received through Horry County's electronic bidding software, BidNet at <https://www.bidnetdirect.com/southcarolina/horrycounty>. Unofficial bid results will be made public at that time through the same software.

X. QUESTIONS

END OF ADDENDUM NO. 3



Procurement Department
103 Elm Street, 1st Floor, SC 29526
Phone: 843-915-5380

**LOCAL VENDOR PREFERENCE
AFFIDAVIT OF ELIGIBILITY**

IMPORTANT: Local Vendor Preference affidavit and required documentation MUST be submitted WITH a vendor's SEALED BID to be considered, per Horry County Council Resolution R-116 - 13.

This form is to be completed in its entirety by the local vendor requesting consideration for the preference and **submitted along with your Sealed Bid**. Incomplete forms may be rejected for local vendor preference evaluation. Attach required documentation to sealed bid.

1. LEGAL NAME OF FIRM:

Mailing Address:

Physical Address (if different)

2. Year your business was established in Horry County: _____
(attach documentation, as indicated in the instructions below)

3. Business License Number issued by Horry County or applicable municipality:

____ Yes ____ No Date Issued: _____

(attach documentation, as indicated in the instructions below)

4. Current Horry County Taxes paid? ____ Yes ____ No

Paid Tax Receipt Number _____ Date Taxes Paid _____

5. For transactions which require sales tax, provide the following Reseller information: Reseller

Permit Number:

Enter the Company Name and Address as it appears on permit:

6. The business will attribute any sales tax from the contract with Horry County.

Does your business have more than one office in the State of South Carolina? ____ Yes ____ No

If Yes, specify the office location considered as the point-of-sale for sales tax purposes

7. Are a majority of employees (on payroll of local vendor requesting preference) Horry County residents ____ Yes ____ No

8. Are a majority of independent contractors (engaged by local vendor requesting preference) Horry County residents? ____ Yes ____ No

9. Has the vendor applying for the local vendor preference in this affidavit been in default or terminated from any Horry County contract within the last five (5) years? ____ Yes ____ No
(A condition of default includes notices from sub-contractors and suppliers who have contracted the local vendor's surety, or Horry County, without successful resolution for contract payment disputes.)

If "Yes", explain: _____

Note: Horry County reserves right to demand proof or documentation of any certification or claim contained herein, at any time during resultant contract period. Failure to provide requested information may result in contract termination. Section 13-3-3 of the Horry County Procurement Regulation outlines Horry County's Audit authority.

By signing below, it is understood that all terms and conditions and instructions have been carefully examined before deciding to submit this local vendor preference affidavit. Under the penalty of perjury, the undersigned states that the foregoing statements are true and correct. The undersigned also acknowledges that any person, firm, corporation or entity intentionally submitting false information to the County in an attempt to qualify for local preference may be suspended from bidding on Horry County products and services for a period of at least ninety (90) calendar days, per Chapter 15 of the Horry County Procurement Regulation.

Company Legal Name (Printed) _____ Date _____

Authorized Person's Signature _____

Printed Name & Title _____

Email _____ Phone (____) _____

On this _____ day of _____, 20____, before me, the under-signed officer, personally appeared [name(s) of person(s) who made acknowledgment on behalf of the corporation], a corporation/partnership/sole proprietor, and that he/she/they, as such to do, executed the foregoing instrument for the purpose therein contained, by signing the name of the corporation by himself/herself/themselves as [title of corporate officer or other description of legal capacity].

In witness whereof I hereunto set my hand and official seal.

Notary Public

My Commission Expires:

HORRY COUNTY, SOUTH CAROLINA LOCAL VENDOR PREFERENCE INSTRUCTIONS FOR APPLICATION

1. Background and Legal Authority

- 1.1. On October 15, 2013, Horry County Council passed Resolution R-116-13 creating a local vendor preference for qualified Horry County businesses. - This Resolution is attached in its entirety.
- 1.2. In 2010, Horry County Council passed ordinance # 02-10, Horry County Procurement Code and Regulation effective May 1, 2010 - This Code and Regulation is available on the Horry County web site at: [Ordinance 02-10 PROCUREMENT.doc](#).

2. Definitions, based on legislation referenced above

- 2.1. "Principle place of business" - Physical location (street address) of Horry County business.
- 2.2. "Horry County resident employee" - Employee of local vendor that permanently and legally resides in Horry County.
- 2.3. "Horry County resident sub-contractor" - Subcontractor of local vendor that also has a "principle place of business" in Horry County.
- 2.4. "Proof" (#2.c of Resolution) - Documentation, as determined by Horry County Chief Procurement Official or County Attorney, required to substantiate local vendor status.
- 2.5. "Default" - Local vendor who has been terminated or defaulted on a previous Horry County contract. A condition of default also includes notices from sub- contractors and suppliers who have contracted the local vendor's surety, or Horry County, without successful resolution for contract payment disputes.

3. Terms, Conditions and Instructions, based on legislation referenced above

3.1. Applicability

- 3.1.1. As required in the attached Horry County Council Resolution R-116-13, the second apparent low total bid must be within the percentage, based on the threshold bid amount, and will be applied across-the-board. If local vendor preference is activated, the actual percentage used to match the apparent low total bid will be applied to each line item. The reduced line item amounts will be incorporated into the resultant contract and may be used for change order calculations, as necessary.
- 3.1.2. Applicability of local vendor preference will apply to only the sealed bid under consideration and be applicable only to its resultant contract.
- 3.1.3. Apparent low bidder, with or without application of local vendor preference, will be required to be a responsive and responsible bidder.
- 3.1.4. All bidders of record will be notified when local vendor preference has been properly requested. Such notification will set a deadline for submitting a bid protest based on local vendor preference only. All other objections for bid protests shall follow Subchapter 15-3 of the Horry County Procurement Regulation.

3.2. Submission of local vendor preference affidavit

- 3.2.1. Must submit local vendor preference affidavit and required documentation (see below) **as part of your sealed bid** proposal
- 3.2.2. By submitting a completed local vendor preference affidavit, you are acknowledging and accepting the application of local vendor preference if your total bid is second lowest price within five percent (5%) - or two percent (2%), as applicable - of the lowest price if lowest price is submitted by non-local vendor

- 3.2.3. By submitting a completed local vendor affidavit with your sealed bid as required will bind your company to meet the “lowest price” bid amount as applicable in 4.2.2 above.
- 3.2.4. Mistakes in bids are covered by section 11-2-10 of the Horry County Procurement Code and Regulation which is identified as “Code of Ordinances” on this page of the Horry County web site: [Ordinance 02-10 PROCUREMENT.doc](#).
- 3.3. Documentation to **submit with affidavit as part of sealed bid**
 - 3.3.1. Principle place of business
 - 3.3.1.1. Lease or purchase agreement that shows location and date acquired. Vendor may redact confidential information such as monthly payment amount.
 - 3.3.2. Majority of employees are Horry County residents - certification is part of local vendor preference affidavit.
 - 3.3.3. Majority of independent contractors are Horry County residents - certification is part of local vendor preference affidavit.
 - 3.3.4. All fees and taxes paid in full - certification is part of local vendor preference affidavit.
 - 3.3.5. Applicable business license
 - 3.3.5.1. Photocopy of current Horry County business license or business license from applicable municipality.
 - 3.3.6. All other relevant licenses, permits, and authorizations - these items may be requested, as deemed relevant by Horry County Chief Procurement Official
 - 3.3.6.1. Examples of potentially relevant documentation:
 - 3.3.6.1.1. State of SC general contractor license
 - 3.3.6.1.2. Permits for current projects
 - 3.3.7. Default information – certification is part of local vendor preference affidavit.

COUNTY OF HORRY)
)
STATE OF SOUTH CAROLINA)

RESOLUTION R-116-13

A RESOLUTION AUTHORIZING AND DIRECTING THE AMENDMENT OF HORRY COUNTY'S PROCUREMENT REGULATIONS TO INCLUDE A LOCAL VENDOR PREFERENCE PROVISION.

WHEREAS, Appendix E of the Horry County Code of Ordinances (Procurement Code) provides in Section 103 that amendments to the County's regulations governing procurement, management, control, and disposal of supplies, services, and/or construction to be procured by the County, once approved by way of resolution of Horry County Council, shall be binding in all procurements made by the County, absent existing contract without consent of the parties to be so bound; and

WHEREAS, Horry County desires to further its support of local businesses when awarding contracts for the provision of goods and services to the County by providing for a local vendor preference in its procurement regulations, in an effort to promote local economic activity and stimulus, job creation, and fairness.

NOW, THEREFORE, BE IT RESOLVED that the Horry County Procurement Regulations are hereby amended to include the following provision:

A. Local Vendor Preference

1. A responsive and responsible local bidder who is within a certain percentage of the lowest non-local bidder, may be given the opportunity to match the bid submitted by the non-local bidder and thereby be awarded a contract, if the following conditions are met.
 - a. The apparent low bidder on a formal sealed bidding procurement (commodity value over \$25,000, but not exceeding \$100,000, as a Tier 4 process, Horry County Procurement Regulation section 11-2) is NOT a local vendor (see below for definition of "local vendor") *and* the next apparent low bidder *is* local *and* the local bid is within 5% of apparent non-local low bid, then the local vendor has the opportunity to meet the apparent low non-local bid. The local vendor must perform as specified in the invitation to bid at the price bid by a non-local vendor assuming the difference is 5% or less. Consideration for an award will include the willingness and ability of the local bidder to perform fully at the reduced bid amount.
 - b. The apparent low bidder on a formal sealed bidding procurement (commodity value over \$100,000, but not exceeding \$10,000,000 as a Tier 4 process, Horry County Procurement Regulation section 11-2) is NOT a local vendor (see below for definition of "local vendor") *and* the next apparent low bidder *is* local *and* the local bid is within 2% of apparent non-local low bid, then the local vendor has the opportunity to meet the apparent low non-local bid. The local vendor must perform as specified in the invitation to bid at the price bid by a non-local vendor assuming the difference is 2% or less. Consideration for

an award will include the willingness and ability of the local bidder to perform fully at the reduced bid amount.

- c. Contracts awarded using a local vendor preference must still comply with all the same terms and conditions of the bid documents. The same due diligence will be performed regardless if the apparent low bidder is local or non-local. Horry County will not award a contract to a non-responsive or non-responsible bidder.
- d. Bidders must include an executed "local vendor preference" affidavit form and submit it with their sealed bid. All items declared in the local vendor preference affidavit must be current at the time the form is submitted. Bidders *will not* be permitted to submit the local vendor preference affidavit *after* the sealed bids have been publicly opened. If the local vendor preference affidavit is not included as part of the local vendor's sealed bid, the bidder will not be permitted to request the preference.
- e. Preference will be applied on the *total* bid amount, including sales/use tax, shipping, handling, and any other fees.
- f. Local vendor preference *cannot* be applied to any sealed bid process that has any federal or state grant dollars attached to it, or otherwise if prohibited by law.
- g. Should the lowest responsive and responsible local bidder not exercise its right to match the bid as granted herein, the next lowest qualified local bidder shall have that right and so on.
- h. The right to exercise the right to match a non-local bidder's bid shall be exercised within 24 hours of notification of the right to match that bid.
- i. Local preference shall not apply to goods or services provided under a cooperative purchasing agreement or similar "piggyback" contract, or any bid announcement which specifically provides that the general local preference policies set forth herein are suspended due to unique or extraordinary circumstances or where such suspension is required by law or determined to be in the best interests of the County as determined by the Chief Procurement Officials.

2. To qualify as a "local vendor", the following must be met:

- a. Vendor must have a current physical business address (as a principal place of business), located and in operation (regularly conducting business) in Horry County for the last three (3) years, and maintain such throughout the term of any contract with the County.
- b. The majority of employees/independent contractors of the vendor must be "legal" and "permanent" full-time Horry County residents.
- c. Vendor is in good standing with the State of South Carolina and Horry County Government. Proof shall be submitted as part of sealed bid, and shall include:
 - All fees, taxes, etc. must be paid in full prior to due date of sealed bid and submittal of affidavit.
 - Horry County (or applicable municipality) business license must be obtained in advance of requesting local vendor preference. Copy shall be submitted as part of the local vendor preference affidavit.
 - All other relevant licenses, permits, and authorizations are in hand.

- d. Vendor has not defaulted or been terminated from a previous Horry County contract within the last five (5) years. A condition of default includes notices from sub-contractors and suppliers who have contacted the local vendor's surety, or Horry County, without successful resolution for contract payment disputes.

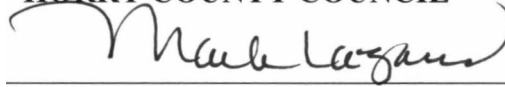
B. Review by Council

To enable it to appropriately monitor the effect of such regulation on the procurement of goods and services by the County, Council will conduct a review of such regulation on an annual basis.

AND IT IS SO RESOLVED.

Dated this 15th day of October, 2013.

HORRY COUNTY COUNCIL



Mark Lazarus, Chairman

Harold G. Worley, District 1

Brent J. Schulz, District 2

Marion D. Foxworth, III, District 3

Gary Loftus, District 4

Paul D. Price, Jr., District 5

Robert P. Grabowski, District 6

James R. Frazier, District 7

Carl H. Schwartzkopf, District 8

Al Allen, District 11

Jody Prince, District 10

Attest:

Patricia S. Hartley, Clerk to Council

SECTION 02441 – IRRIGATION SYSTEM

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 DESCRIPTION

- A. Work Included: Provide irrigation system as designed by manufacturer and approved by the Architect and as specified herein, complete in place, tested and approved, including but not limited to:
 - 1. Standard area sprinkler system.
 - 2. Automatic controllers and remote control valves.

1.3 RELATED WORK

- A. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 in these Specifications.
- B. Section 02930 “Exterior Plants”.

1.4 QUALITY ASSURANCE

- A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work in this Section.
- B. Irrigation system installer shall be responsible for irrigation system design and layout as required for maintaining exterior planting as specified in Section 02930 – Exterior Plants

1.5 SUBMITTALS

- A. Product Data: Within 21 calendar days after the Contractor has received the Owner’s Notice to Proceed, submit:
 - 1. Material list of items proposed to be provided under this Section,
 - 2. Manufacturer’s specifications and other data needed to prove compliance with the specified requirements.
 - 3. Manufacturer’s recommended installation procedures which, when approved by the Architect, will become the basis for accepting or rejecting actual installation procedures used on the Work.
 - 4. Refer also to Item 3.7, Instructions.
 - 5. Irrigation system shop drawings for piping plan layout shall be submitted to Architect for review and approval. Refer to Section 01300 “Submittals”.

PART 2 – PRODUCTS

2.1 PIPE

- A. Galvanized Steel Pipe:

1. Comply with ASTM A120 or ASTM A53, galvanized, Schedule 40, threaded, coupled and hot-dip galvanized.
2. Fittings: Use 150-lb. rated galvanized malleable iron, banded pattern.

B. Plastic Pipe:

1. Use PR-160 PVC, marked 1120-1220, and bearing the seal of the National Sanitation Foundation.
2. Fittings: Use PR-160 PVC, type I-II, bearing the seal of the National Sanitation Foundation, and complying with ASTM D2466.
3. For joining, use a solvent complying with ASTM D2466 and recommended by the manufacturer of the approved pipe.
4. Plastic Pipe Identification: Continuously and permanently mark with manufacturer's name, pipe size, schedule number, type of material, and code number.

2.2 VALVES

A. Gate Valve:

1. Provide 125-lb. rated valve size required for the line as with "O" ring and operating nut, adaptable to the pipe with AC adapters.
2. Acceptable Manufacturers:
 - a. Hammond.
 - b. Harvard.
 - c. Approved substitution.

B. Quick Coupling Valves:

1. Provide $\frac{3}{4}$ " and 1", one-piece construction, all brass, locked top, to fit double lug couplers.
2. Deliver to the Owner the following items, all matching the approved quick coupling valve:
 - a. Four keys for locked top.
 - b. Four couplers.
 - c. Four hose adapters.
3. Use triple elbow swing joints on all quick coupling valves.

2.3 SPRINKLER HEADS

- A. Provide the sprinkler heads by the approved design.
- B. Layout of heads shall result in complete overlap of all zones.
- C. Provide drip coverage for all trees.
- D. Provide misting heads for all shrubbery planting.
- E. Provide rotary heads for all sod areas.

2.4 VACUUM BREAKER

- A. Provide vacuum breaker as may be required by the approved design.

2.5 AUTOMATIC IRRIGATION CONTROLLER

- A. Provide 117 V input, 26.5 output, with the required number of valve stations and in type and model number as shown on the approved design.
 - 1. Acceptable Manufacturers:
 - a. Toro.
 - b. Or approved equivalent.
 - 2. Coordinate and verify Architect's approval of final location for controller unit.

2.6 REMOTE CONTROL VALVES

- A. Use valves of the same manufacturer as the approved automatic irrigation controller, slow opening and slow closing, globe pattern, 24 V, with epoxy sealed solenoid coils and throttling system.

2.7 VALVE BOXES

- A. Provided molded plastic boxes and covers for each valve in the system. Covers to be green in color with a snap lock security device and the words "water" and/or "control valve" molded into the top. Covers to be installed flush with surface of surrounding grade.
- B. Acceptable Manufacturers:
 - 2. Ametek.
 - 3. Christy Products.
 - 4. Brooks.
 - 5. Or Approved Equivalent.

2.8 OTHER MATERIALS

- A. Electrical service and final connections as required to provide a complete and proper installation. Make connection at available locations within the new building.
- B. Provide other materials, not specifically described but required for a complete and proper installation, as selected by the Contractor subject to the approval of the Architect.

PART 3 – EXECUTION

3.1 SURFACE CONDITIONS

- A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the Work. Do not proceed until unsatisfactory conditions are corrected.

3.2 FIELD MEASUREMENTS

- A. Make necessary measurements in the field to ensure precise fit of items in accordance with the approved design.

3.3 TRENCHING AND BACKFILLING

- A. Trench, backfill and compact in accordance with pertinent provisions of Sections 02200 "Backfilling" and 02300 "Trenching".

3.4 INSTALLATION OF PIPING

A. General.

1. Lay out the piping system in accordance with the approved design.

B. Piping Depth: Install piping with at least the following amount of cover:

Main or Trunk Lines:	12"
Lateral Lines:	8"

C. Inspection of Materials: Carefully inspect pipe and fittings before installation, removing all dirt, scale and burrs; and reaming as required. Install pipe with markings up for visual inspection.

D. Plastic Pipe:

1. Exercise care in handling, loading, unloading and storing plastic pipe and fittings:
 - a. Store under cover until ready to install.
 - b. Transport only on a vehicle with a bed long enough to allow the pipe to lay flat to avoid undue bending and concentrated external load.
2. Repair dented and damaged pipe by cutting out and discarding the dented or damaged section, and rejoining with a coupling.
3. In jointing, use only the specified solvent and make joints in accordance with the manufacturer's recommendations as approved by the Architect.
 - a. Give solvent welds at least 15 minutes set time before moving or handling, and 24 hours curing time before filling with water.
4. Centerload plastic pipe with a small amount of backfill to prevent arching and whipping under pressure.
5. For Plastic-To-Steel Connections:
 - a. Work the steel connections first.
 - b. Use a Teflon tape pipe dope on threaded plastic-to-steel connection.
 - c. Use only a light wrench pressure.

3.5 INSTALLATION OF EQUIPMENT

A. Install control valves in accordance with the manufacturer's recommendations as approved by the Architect.

B. Turf Sprinkler Heads.

1. Install in accordance with the manufacturer's recommendations as approved by the Architect.

C. Vacuum Breaker: Install as required in accordance with all pertinent codes, regulations, and the manufacturer's recommendations as approved by the Architect.

D. Wiring: Control valve wiring to be placed in the trench adjacent to the piping and not beneath piping. Provide adequate slack in wiring to prevent stretching or stress to connections. Any necessary splices are to be made with DBY Splice Kit sealing pack or equivalent.

3.6 TESTING AND INSPECTING

- A. Do not allow or cause any of the work in this Section to be covered up or enclosed until it has been inspected, testing and approved by the Architect.
- B. Before backfilling the main line, and with control valves in place but before lateral pipes are connected, completely flush and test the main line.
 - 1. Repair leaks.
 - 2. Flush out each section of lateral pipe before sprinkler heads are attached.
- C. Testing:
 - 1. Make necessary provisions for thoroughly bleeding the line of air and debris.
 - 2. Before testing, fill the line with water for a period of at least 24 hours.
 - 3. After valves have been installed, test live water lines for leaks at a normal operating pressure for a period of one hour, with couplings exposed and with pipe sections centerloaded.
 - 4. Provide required testing equipment and personnel.
 - 5. Repair leaks, and retest until acceptance by the Architect.
- D. Final Inspection:
 - 1. Clean, adjust and balance all systems. Verify that:
 - a. Remote control valves are properly balanced.
 - b. Heads are properly adjusted for radius and arc of coverage.
 - c. The installed system is workable, clean and efficient.

3.7 INSTRUCTIONS

- A. Print legibly with indelible ink the legend inside each controller door, stating the areas covered by each remote control valve and each station number.
- B. After the system has been completed, inspected and approved, instruct the Owner's maintenance personnel in the operation and maintenance of the system.
- C. Prepare and submit two sets of record drawings to the Owner clearly showing the location of the valves and the valve/station numbers. Locate valves with at least two dimensions from a permanent feature, i.e. building, curb, walk and fence.
- D. Perform one full system winterization shut-down and one full system spring start-up and instruct the Owner of the appropriate procedures and back-up with a written copy for the Owner's files. It is imperative that concise step-by-step procedures be recorded.

END OF SECTION 02441

INV. 79.63
EX PIPE 10
24" RCP
INV. 79.72
INV. 80.71
EX PIPE 9
18" RCP
INV. 80.65
INV. 79.43
EX PIPE 8
18" RCP
INV. 79.28
FLEETWOOD ROAD
(30 ± COUNTY MAINTAINED R/W)
25' COUNTY ROAD EASEMENT
N 43° 48' 14" W
N 43° 20' 00" E
207.43'
S 64° 11' 20" E
249.20'
INV. 83.10
DEMO EX PIPE 4
18" RCP
INV. 83.30
INV. 84.13
EX PIPE 3
18" RCP
N/F
H.T. GRAHAM EST
PIN # 156-00-00-0018
DEED BOOK 2795, PAGE 1083
N/F
HORRY COUNTY
PIN # 156-12-02-0008
DEED BOOK 4753, PAGE 431
148,062 SQ. FT.
3.40 AC.
CONTRACTOR TO REMOVE EXISTING
PIPE AND DISPOSE OF OFFSITE,
CONNECT EXISTING DITCHES, AND
GRADE FOR POSITIVE FLOW.
GRAPHIC SCALE
1" = 20'

[illegible]

PROJECT:	
DRAWN BY:	KT
REVIEWED BY:	KRN
1.1	



Pre-Bid Agenda Sign-In Log
**A NEW BUILDING REPLACEMENT FOR:
 FINKLEA FIRE STATION**
 Loris, South Carolina
May 7, 2025 10:00 AM



GC / SUB / TRADE	NAME AND POSITION	COMPANY NAME / ADDRESS	PHONE	CELL	E-MAIL
GC	CRYS LYBRAND Proj Mgr	Springhill Const 1303 Chapin Rd Chapin SC 29036		803- 603-3963	Clybrand@springhillconst.com
Electrical	FRANK PEPE Proj Mgr.	23 Arrowhead Trl North Situate, RI 02857		401-413 3243	Brian@ZAPS Electrical.com
GC	McCabe Reim President	Reim Construction 6507 Somerset Dr Myrtle Beach SC 29572		609-970-5531	mccabe@reimconstructionllc.com
GC	Matt Johnson Project Engineer	McDowell Construction 196 Stonebridge Dr		843-267 2284	Matt@Mcdowellconstruction.com
GC	BRAD JENKINS VP	Coastal Structures 407 Church St. Unit I Gtown SC		843-833 0960	Brad@CoastalStructures.com
GC	Walt Shealy President	Springhill Construction 1303 Chapin Rd Chapin SC 29036		803-920- 1917	Wmshealy@springhillconst.com
GC	Jeremy Abrams Estimator	Chance Construction 736 E Hwy 501, Conway, SC		843- 591-7711	jeremy@chanceconstruction.com
Testing	Off Alan Wimburne PM	1380 Sol Business Conway SC 29525		843 591 4216	alimburne@smcinc.com

GC / SUB / TRADE	NAME AND POSITION	COMPANY NAME / ADDRESS	PHONE	CELL	E-MAIL
CMT SI	Adam Dallenburg PROJECT MANAGER	BLE	803/626/7500		adam.dallenburg@BLEwal.com
SNB GC Construction	Roy Lowman	SNB Construction	843-332-0637	843 687 2580	Roy@SNBC@gmail.com
GC Gilbert Construction	Storm Page	Gilbert Construction	843-621-0007		Storm@gilbertconstruction.com
Place Services, Inc	Saran Phillips Bid coordinator	PLACE Services, Inc 201 Gateway Dr. Canton, GA, 30115	478-527-4613		Saran.Phillips@PSI-works
Thomas GC Construction Group	Derrick Nobles Precon Manager	Thomas Construction Group 1022 Ashes Drive Wilmington, NC	910-799-2795		estimating@thomascstructiongroup.com
GeoWorks GC	Colby Ingram Project Manager	GeoWorks LLC 6101 Red Bluff Rd. Coris, SC 29569	(910) 830-9301	→	Colby@geoworkssc.com
Diamond-Shores Shores	Kyle Nobles Civil Engineer	Diamond Shores 315 N. Main St. Conway SC	(843) 488-2900		Kyle@diamondshores.net
MagneGrip Exh removal	Austin Marinero Regional Sales Manager	MagneGrip	910 988 4158		amarinero@magnegrip.com
Cooper Tacia	Rohit Chimmula PM	333 Fayetteville Street Suite 1450 Raleigh NC	919-777-2826	980-636-0780	Rohit.Chimmula@CooperTacia.com

GC / SUB / TRADE	NAME AND POSITION	COMPANY NAME / ADDRESS	PHONE	CELL	E-MAIL
GC	Ryan Duggan Director of Business Development	Jhonson Law / 4865 William Construction / Allen Ave Ladson SC	-	843-510 8089	Rduggan@JhonsonLaw.com
GC	DEAN DENNING ESTIMATOR	Monteith 208 PRINCESS ST. WILMINGTON	-	919 750 4188	ddenning@monteithco.com
GC	PATRICK RYAN PM/EST	FBI Construction Arlene Dr Conway SC	-	843.514 3457	patrick.ryan@fbiconstruction.com
SUB SITEWORK	AUSTIN ECKERSLEY	Carolina Utilities Site Work 1311 17th Ave. Conway SC	-	843-333- 2352	austin@carolinassitework.com
Plumbing	Capps Plumbing Terry Larri-man	Capps Plumbing 5030 Park Rd Columbia Ferry 29544		843-855 9081	Terry@CappsPlumbing.com
SITEWORK	STEVE SWAN ESTIMATOR	D/L SITEWORK CONWAY SC		912-617-4148	STEVE@DPLSITEWORK.COM