



OFFICE OF PROCUREMENT SERVICES
335 FOUR MILE ROAD
CONWAY, SC 29526-6005

AMENDMENT/ADDENDUM No. 1

Posting Date: Thursday, February 19, 2021

Solicitation Number: 2021-41RF

Description: Provide, Deliver, & Install LED Signs at 5 Middle Schools

ADDENDA: Addenda shall be issued prior to the bid opening date and time for the purposes of modifying or interpreting the Contract Documents through additions, deletions, clarifications or corrections. No addendum shall be issued later than four (4) days prior to the bid opening date except to a) withdraw the Invitation for Bids, or b) to postpone the bid opening date and time. When an addendum is issued for the purposes of postponing the bid opening date and time, the addendum shall establish the new bid opening date and time no earlier than five (5) days after the addendum issue date. Addenda shall be posted on the on-line bidding source(s) stated in the Invitation for Bids. A Bidder shall acknowledge receipt of all addenda issued by identifying the addendum number and the date of issuance with the Bidder's initials in the spaces provided on the Official Bid Form or the bid shall be found non-responsive in accordance with the District's Procurement Code. If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

INTERPRETATIONS AND CLARIFICATIONS: Requests for additional information or questions regarding error, omission or clarification of any portion of the Bid Documents or the Contract Documents or any addendum, shall be submitted in writing to the District Bid Contact Person stated in the Invitation for Bids by e-mail or facsimile no later than five (5) days prior to the bid opening date and time unless an earlier date is stated on the Invitation for Bids or as may be amended. Any interpretations, corrections, or changes to the Bid Documents or the Contract Documents made in any other manner than by a written addendum shall not be binding, and Bidders shall not rely upon them. Any information given a prospective Bidder concerning a solicitation will be furnished promptly to all other prospective bidders as an addendum to the solicitation, if that information is necessary for submitting offers of if the lack of it would be prejudicial to other prospective bidders. See clause entitled "Bidder Representations." We will not identify you in our answer to your question. The District seeks to permit maximum practicable competition. Bidders are urged to advise the Procurement Specialist – as soon as possible – regarding any aspect of this procurement, including any aspect of the solicitation that unnecessarily or inappropriately limits full and open competition.

1. **DELETE** EXHIBIT A from the contract documents and **REPLACE** with SCOPE OF WORK (Exhibit A) REVISED 2-19-2021 (Attachment C).
2. **DELETE** the OFFICIAL BID FORM and **REPLACE** with the OFFICIAL BID FORM REVISED 2-19-2021 (attached).
3. Bid Due Date and Time remain unchanged.

Questions from Offerors

Question #	Question	Response
1.	For Aynor Middle School - Is this LED being mounted on the outside of the brick due to the changeable copy being smaller and inserted into existing brick?	See SCOPE OF WORK (Exhibit A) – REVISED 2-19-2021

2.	For Green Sea Floyds Middle School – Is this LED being mounted on the outside of the brick due to the changeable copy being smaller and inserted into existing brick?	This sign has been changed to Type 3. See SCOPE OF WORK (Exhibit A) – REVISED 2-19-2021.
3.	For Loris Middle School – Will LED message center be mounted to the brick over space where changeable copy board is removed?	See SCOPE OF WORK (Exhibit A) – REVISED 2-19-2021.
4.	For North Myrtle Beach Middle School – Is existing brick structure at this location staying?	See SCOPE OF WORK (Exhibit A) – REVISED 2-19-2021.
5.	For North Myrtle Beach Middle School - Has location of new sign been determined? If so where is new sign location? (to the right or left of existing structure?)	See SCOPE OF WORK (Exhibit A) – REVISED 2-19-2021.
6.	For Forestbrook Middle School – Are you wanting 2 separate designs and pricing for this location? (Loris High School design and Myrtle Beach Elementary School design?)	Yes. One design and corresponding price is the base bid. The other design and corresponding price is an alternate. Please note that the Type 3 design (Loris High School) has been deleted and replaced with a design for Carolina Forest High School. See SCOPE OF WORK (Exhibit A) – REVISED 2-19-2021.
7.	For Forestbrook Middle School – Is the new sign being installed at same location as existing signage?	No. See Attachment B.

HORRY COUNTY SCHOOLS

By: _____

Robin B. Strickland, CPPB
Procurement Officer

Attachments:

Attachment A – Green Sea Floyds Middle/High School (1 Page)
Attachment B – Forestbrook Middle School (1 Page)
Attachment C – SCOPE OF WORK (Exhibit A) Revised 2-19-2021 (5 Pages)
Attachment D – Carolina Forest High School Design – Type 3 (2 Pages)
Official Bid Form Revised 2-19-2021 (2 Pages)

OFFICIAL BID FORM

Revised 2-19-2021



BID NUMBER: 2021-41RF
PROJECT NAME: Provide, Deliver, & Install LED Signs at 5 Middle Schools

FULL COMPLETION OF THIS FORM IS **MANDATORY** FOR A BID TO BE CONSIDERED. (This *Official Bid Form* and all requested documentation shall be mailed, expressed or hand delivered to the location(s) specified in the *Invitation for Bids* **no later than** the bid opening date and time, as may be amended by addendum.)

BASIC SUBMITTER INFORMATION:

Name of Submitting Company: _____
Mailing Address of Company: _____
Taxpayer Identification Number: _____
Qualifier's Name: _____ Phone Number: _____
Contractor's License Number: _____ Fax Number: _____
Contractor's Group Number: _____ Dollar Limitation of License: \$ _____
Email Address: _____
Company's Minority Status: ☐ Minority Owned Business ☐ Woman Owned Business ☐ Not Applicable
(Must be certified by the State of South Carolina and will be used for statistical purposes only. Check if State certified: ☐)

ADDENDA ACKNOWLEDGEMENT: (Acknowledgement of all addenda issued is required.)

ADDENDA NO.	ADDENDA DATE	BIDDER'S INITIALS	ADDENDA NO.	ADDENDA DATE	BIDDER'S INITIALS
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

BID PRICING: Having carefully examined the Contract Documents with all corresponding terms, conditions, requirements, specifications, drawings, forms or other such descriptions of the work to be performed as well as the worksite and conditions affecting the work, the undersigned proposes to furnish all materials, labor, equipment and processes necessary for the **base bid** and **bid alternates** listed below. (Failure of the Bidder to bid any alternate listed shall render the bid non-responsive. Check box to indicate addition, reduction, or no change from base bid.) **Round all bids to the nearest dollar.**

BASE BID (Lump Sum): Provide, Deliver, & Install LED Signs at 5 Middle Schools (Include any allowances)

Type 1 (to be used at Forestbrook Middle School)	Dollars:	\$ _____
Type 2 (to be used at North Myrtle Beach Middle School)	Dollars:	\$ _____
Type 4 (to be used at Loris Middle School)	Dollars:	\$ _____
Type 5 (to be used at Aynor Middle School)	Dollars:	\$ _____
Type 3 (to be used at Green Sea Floyds Middle School)	Dollars:	\$ _____
Allowance for General Contingency	Dollars:	\$ 25,000.00
BASE BID TOTAL	Dollars:	\$ _____

BID ALTERNATES:

1. Add / Deduct to provide the **Foundation, Brick Base and Installation/Supports** as described in the drawings and specifications for sign Type 3 for Forestbrook Middle School. Work as shown in Exhibit A & B. All other work required in the contract documents to remain as shown and described.

☐ No Change ☐ Add ☐ Deduct Dollars: \$ _____

CAUTION: Bidders are required to include **ALL** costs in the above Base Bid and each Bid Alternate, if any. If the bid is accepted, the District will not contract for more than the amounts shown. The District reserves the right to accept bid alternates in any order or combination that serves its best interests and is within budget. If any numbers are illegible, the District's interpretation of the number is final.)

UNIT / INCREMENTAL PRICING: Unit pricing must be provided in the event a *Change Order* is necessary for the following types of work due to unforeseen circumstances. These unit prices shall be the installed price including all costs to the District. Unit costs shall not include bonding, overhead and profit, which shall be added at time of *Change Order*. The District reserves the right to negotiate any of the unit prices listed and, at the District's discretion, to use the same rates for deduct work under a *Change Order*.

1.	Underground Boring	\$		per	LF
2.	Centipede Sod Installed	\$		per	SF

SUBCONTRACTOR DISCLOSURE: As stipulated in the *Bid Instructions*, subcontractors who shall perform the trades listed below must be identified. When the Bidder intends to perform any trade listed with the Bidder's own forces, the Bidder shall be named in the place of any subcontractor required to be listed. **Listing any subcontractor that does not meet the qualifications stated in the *Bid Instructions* or does not meet the licensing requirements of the State of South Carolina shall render the bid non-responsive.**

Base Bid:

	<u>TRADE</u>	<u>SUBCONTRACTING COMPANY NAME</u>	<u>LICENSE NUMBER</u>
Electrical			

CONFLICTS OF INTEREST IDENTIFICATION: Identify any employee, agent or representative of the Architect/Engineer or District (including members of the Horry County Board of Education) with more than a five percent (5%) interest in the Contractor's business. ☐ Not applicable

Names: _____

Identify any employee, agent or representative of the Architect/Engineer or District (including members of the Horry County Board of Education) that will be subcontracting any work for the project. ☐ Not applicable

Names: _____

ACKNOWLEDGEMENT:

1. Have you clearly listed any deviations from the requested specifications and fully explained such deviations? ☐ Yes ☐ No ☐ N/A – No Deviations

BID CERTIFICATION: I, the undersigned, certify that I am an authorized signatory for the bidding company identified in this bid form with authority to submit bids and obligate the company to a contract for the work identified in the Contract Documents provided by Horry County Schools. I have read and fully understand the Contract Documents such that I have full knowledge of all of the work to be performed and the terms, conditions, and requirements the company I represent must comply with if a contract is awarded. I further understand that the bidding company I represent must comply with all applicable local, state and federal laws related to the work to be performed and to the payment of subcontractors. I certify that the information included on this form or as attached supplementary information is true and accurate to the best of my knowledge, understanding, and belief. I understand that misrepresentation of any information on this form shall result in the bid being considered non-responsive.

BIDDER:	NOTARY:	CORPORATE SEAL:
Name & Title of Authorized Signatory:	State of: County of:	
	Subscribed and sworn to before me on this date:	
Signature: _____	Signature: _____	
	My Commission Expires:	

REMINDER: The following documents must be submitted with this *Official Bid Form*:

1. A fully executed *Bid Bond*, including power of attorney, or other approved security.
2. Other documents as checked and identified below:
☐
☐

Attachment A

Green Sea Floyds Middle/High School



Attachment B

Forestbrook Middle School



ATTACHMENT C

SCOPE OF WORK (Exhibit A)

Revised 2-19-2021



PROJECT NUMBER: 2021-41RF	PROJECT NAME: Provide, Deliver, & Install LED Signs at 5 Middle Schools
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The following information and terms and conditions are provided specific to the project identified in this contract:

DISTRICT PROJECT MANAGER:	Name: Amber Barnhill Telephone: 843-488-6878 Fax: 843-488-6714 E-mail: abarnhill@horrycountyschools.net Mobile: 843-446-8096
OTHER PROJECT REPRESENTATIVE(S):	Name: Telephone: Fax: E-mail: Mobile:
CONTRACTOR'S PRINCIPAL/OWNER:	Name: Telephone: Fax: E-mail: Mobile:
CONTRACTOR'S PROJECT MANAGER: (if required)	Name: Telephone: Fax: E-mail: Mobile:
CONTRACTOR'S WORKSITE SUPERINTENDENT:	Name: Telephone: Fax: E-mail: Mobile:
APPROVAL OF CONTRACTOR USE OF DISTRICT FACILITIES (as checked):	<input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Electrical Power <input type="checkbox"/> Restroom Facilities <input type="checkbox"/> Vending Machines <input type="checkbox"/> Debris and Recycle Containers <input type="checkbox"/> Other: <input type="checkbox"/> No use of District facilities allowed.
LIQUIDATED DAMAGES:	\$ 500.00 per day
RETAINAGE TO BE WITHHELD:	<input checked="" type="checkbox"/> 3.5% from every payment until final completion of the work in accordance with the contract documents <input type="checkbox"/> None
CONSTRUCTION WORKSITE MEETINGS HELD:	<input checked="" type="checkbox"/> Weekly <input type="checkbox"/> Every Two Weeks <input type="checkbox"/> Twice Monthly <input type="checkbox"/> Once Monthly
SOURCE OF PROJECT FUNDS:	<input type="checkbox"/> Federal Source <input checked="" type="checkbox"/> Other Sources (non-Federal)
CONTRACTOR WARRANTY TERMS:	<input type="checkbox"/> 60 days <input type="checkbox"/> 90 days <input type="checkbox"/> 180 days <input checked="" type="checkbox"/> 365 days (1 year) <input type="checkbox"/> 730 days (2 years)

The Contractor shall provide, at the time the *Contract Agreement* is executed by the Contractor and returned to the District, the following checked items:

- ☒ A copy of business licenses valid in the jurisdiction where the construction work will be performed for the Contractor.
- ☐ A copy of contractor licenses issued by the South Carolina Licensing and Regulation Board for the Contractor and each subcontractor.
- ☒ A valid, original Certificate of Insurance.
- ☒ SLED checks maintained in the Contractor's file on all Contractor and subcontractor employees, agents and representatives who will access the worksite during performance of the construction work or other services. (Do not submit to the District until requested.)
- ☐ Certification of Approved Installer (on manufacturer's, fabricator's or supplier's letterhead) for
- ☒ Other: A copy of electrician contractor licenses issued by the South Carolina Licensing and Regulation Board for the Contractor
- ☐ Other:

PERMITS, INSPECTIONS, APPROVALS OF REGULATORY AUTHORITY AND ASSIGNED RESPONSIBILITY:

The Contractor is to submit plans of all work to be performed to the appropriate city and/or governmental agency for approvals. The Contractor is responsible for obtaining any required permits for this project, and for covering the cost of any fees and/or permits for all government and/ or city agency requirements.

The contractor will have to get approval from the City of North Myrtle Beach, Aynor and Horry County Government of Planning and Zoning Department to make sure there are no constraints allowed.

PRODUCT:

Product information is listed below. The Contractor is responsible for submitting a price for six different options for signs with color LED message center on both sides. Designs for the six different options are included and are referenced in Exhibit B. **Please note that the school names and addresses shown on the designs and in the "Main Cabinet" specifications below are for reference only. The name and/or address of the actual facility where the sign is located shall be provided.**

TYPE 1 Example (Myrtle Beach Elementary design to be used at Forestbrook Middle School):

- Provide Watchfire 16 mm colored LED display with broadband communication (54x162 matrix shown) on both sides.

SPECIFICATIONS:

MAIN CABINET:

- Fabricated aluminum sign cabinet and trim (2" square tube + 3" square tube + 2" x 2" x 3/16" aluminum angle frame).
- Routed .125 aluminum faces routed with 3/4" clear acrylic push-thru text with translucent vinyl on letters for "FORESTBROOK MIDDLE SCHOOL" letters and "4430" numerals
- LED internal illumination (typical)

LED DISPLAY:

- Watchfire 16 mm color LED displays (54x162 matrix, 3'-5" x 9'-3" cabinets) with broadband communication.

BRICK BASE:

- New brick base included in scope.
- Brick color will be approved by Owner PRIOR to installation.

ELECTRICAL:

- Signage to be wired for 120V (unless specified otherwise)

ATTACHMENT C

- Circuits: (2) 120V; (1) 20A with photocell for lamp, (1) 30A for EMC
- 5 AMPS required for school name and address cabinets
- 16 AMPS required for EMC
- (2) GE 96W power supplies
- (20) 42" Linefit LED Lamps
- Final connection to primary electrical system to be included.
- In Exhibit B, see the existing electrical site plan.

INSTALLATION:

- (See TYPE 1 foundation page)
- FOUNDATION: (2) 3'-0" x 5'-0" deep
 - 3,000 PSI concrete
 - To withstand 51PSF wind loads
 - CONCRETE PAD: 14'-6" x 12" deep + rebar as required, #4 rebar at 12" centers
- SUPPORTS: (2) 5-1/2" dia. X SCHD 40 wall

ADDITIONAL NOTES:

- Remove and dispose of existing sign per the attached sheet (Attachment B).
- At existing sign, disconnect power, and blank off any open conduits or boxes.
- Remove foundation and structural support from existing sign that is being removed. Add fill (dirt) to match existing ground level.
- The temperature probe and conduit for the sign shall be installed on the end of the sign facing the woods.
- The location for the new sign is shown on the attached sheet (Attachment B)

TYPE 2 (To be used at North Myrtle Beach Middle School):

- Provide Watchfire 16mm colored LED display with broadband communication (54x162 matrix shown) on both sides.

SPECIFICATIONS:

MAIN CABINET:

- Fabricated aluminum sign cabinet and trim (2" square tube + 3" square tube + 2" x 2" x 3/16" aluminum angle frame).
- Routed .125 aluminum faces routed with 3/4" clear acrylic push-thru text with translucent vinyl on letters for "NORTH MYRTLE BEACH MIDDLE SCHOOL"
- LED internal illumination (typical)

ARROW ELEMENT:

- Fabricated aluminum channel construction (typical)
- BACKS: .63 aluminum
- RETURNS: .040 aluminum coil
- FACES: 3/16" #7328 white acrylic with first surface with first surface vinyl as shown (Vinyl graphics will differ on either side of the sign)

LED DISPLAY:

- Watchfire 16mm color LED displays (54x162 matrix, 3'-5" x 9'-3" cabinets) with broadband communication.

BRICK BASE:

- New brick base included in scope.
- Brick color will be approved by Owner PRIOR to installation.
- 1" thick cut-out PVC letters for "Home of the Chiefs" (Typical: Tagline will vary)

ELECTRICAL:

- Signage to be wired for 120V (unless specified otherwise)
- Circuits: (2) 120V; (1) 20A with photocell for lamp, (1) 30A for EMC
- 5 AMPS required for school name cabinet
- 16 AMPS required for EMC
- (2) GE 96W power supplies
- (20) 42" Linefit LED Lamps
- Final connection to primary electrical system to be included.
- In Exhibit B, see the existing electrical site plan.

INSTALLATION:

- (See TYPE 2 foundation page)
- FOUNDATION: (1) 4'-0" x 4'-0" x 5'-0" deep
 - 3,000 PSI concrete
 - To withstand 31.5PSF wind loads
 - CONCRETE PAD: 14'-6" x 12" deep + rebar as required, #4 rebar at 12" centers
- SUPPORTS: (1) 4-1/2" dia. X SCHD 40 wall

ADDITIONAL NOTES:

- The existing monument sign is to be demolished and disposed of by the Contractor.
- The new LED sign will be in the same location as the existing monument sign. However, it is to be placed perpendicular to the road. Contractor is to be responsible for removing bushes if needed.
- The temperature probe and conduit for the sign shall be installed on the end of the sign facing the school.

TYPE 3 Example (Carolina Forest High School design to be used at Green Sea Floyds High/Middle School AND as an alternate design for Forestbrook Middle School):

- Provide Watchfire 16mm colored LED display with broadband communication (54x162 matrix shown) on both sides.

SPECIFICATIONS:

MAIN CABINET:

- Fabricated aluminum sign cabinet and trim (2" square tube + 3" square tube + 2" x 2" x 3/16" aluminum angle frame).
- For Green Sea Floyds High/Middle School - Routed .125 aluminum faces routed with 3/4" clear acrylic push-thru text with translucent vinyl on letters for "GREEN SEA FLOYDS HIGH/MIDDLE SCHOOL" letters.
- For Forestbrook Middle School - Routed .125 aluminum faces routed with 3/4" clear acrylic push-thru text with translucent vinyl on letters for "FORESTBROOK MIDDLE SCHOOL" letters
- LED internal illumination (typical)

LED DISPLAY:

ATTACHMENT C

- Watchfire 16mm color LED displays (54x162 matrix, 3'-5" x 9'-3" cabinets) with broadband communication.

BRICK BASE:

- New brick base included in scope.
- Brick color will be approved by Owner PRIOR to installation.

ELECTRICAL:

- Signage to be wired for 120V (unless specified otherwise)
- Circuits: (2) 120V; (1) 20A with photocell for lamp, (1) 30A for EMC
- 5 AMPS required for school name cabinet
- 16 AMPS required for EMC
- (6) GE 96W power supplies
- (12) 60" Linefit LED Lamps
- Final connection to primary electrical system to be included.
- In Exhibit B, see the existing electrical site plan.

INSTALLATION:

- (See TYPE 3 foundation page)
- FOUNDATION: (1) 6'-0" x 19'x0" x 1'-0" deep & (2) 9'-0" x 5'x0" x 1'-4" deep
- SUPPORTS: (2) 6" dia. X SCHD 40 wall

ADDITIONAL NOTES:

- Remove and dispose of existing sign per the attached sheets (Attachment A & Attachment B).
- At existing sign, disconnect power and blank off any open conduits or boxes.
- Remove foundation and structural support from existing sign that is being removed. Add fill (dirt) to match existing ground level.
- The temperature probe and conduit for the sign shall be installed on the end of the sign facing the school for Green Sea Floyds High/Middle School and facing the woods for Forestbrook Middle School.
- The location for the new sign is shown on the attached sheets (Attachment A & Attachment B).

TYPE 4 (To be used at Loris Middle School):

- Provide Watchfire 16mm colored LED display with broadband communication (54x162 matrix shown) on both sides.

SPECIFICATIONS:

LED DISPLAY:

- Watchfire 16mm color LED displays (54x162 matrix, 3'-5" x 9'-3" cabinets) with broadband communication.
- LED displays to be placed where existing letter marquee is currently located.

ELECTRICAL:

- Signage to be wired for 120V (unless specified otherwise)
- Circuits: (2) 120V; (1) 20A with photocell for lamp, (1) 30A for EMC
- 5 AMPS required for school name cabinet
- 16 AMPS required for EMC
- (2) GE 96W power supplies
- (20) 42" Linefit LED Lamps
- Final connection to primary electrical system to be included.
- In Exhibit B, see the existing electrical site plan.

INSTALLATION & SUPPORTS:

- Installation and support shall be proper of the type of sign being installed as well as comply with applicable zoning requirements.

DEMO:

- ~~Remove existing marquee sign and dispose offsite.~~

ADDITIONAL NOTES:

- Remove and dispose of existing plastic cut out letters and numbers.
- Remove and dispose of 3'-3" by 8' letter marquee.
- Pressure wash existing sign.
- Patch holes with tinted caulk from the removal of the letters, numbers, and letter marquee.
- Provide new cutout aluminum plate letters and numbers.
- LORIS MIDDLE SCHOOL will be 8" letters and 5209 will be 6" numbers. The color for the letters and numbers will be white. The letters and numbers will go back to the original location on the sign.
- Remove the aluminum Carolina First Palmetto's Finest signs and give to Owner. There is a total of four signs.
- The temperature probe and conduit for the sign shall be installed on the end of the sign facing the school.

TYPE 5 (To be used at Aynor Middle School):

- Provide Watchfire 16mm colored LED display with broadband communication (54x162 matrix shown) on both sides.

SPECIFICATIONS:

LED DISPLAY:

- Watchfire 16mm color LED displays (54x162 matrix, 3'-5" x 9'-3" cabinets) with broadband communication.
- LED displays to be placed where existing AYNOR MIDDLE SCHOOL letters are currently located.

ELECTRICAL:

- Signage to be wired for 120V (unless specified otherwise)
- Circuits: (2) 120V; (1) 20A with photocell for lamp, (1) 30A for EMC
- 5 AMPS required for school name cabinet
- 16 AMPS required for EMC
- (2) GE 96W power supplies
- (20) 42" Linefit LED Lamps
- Final connection to primary electrical system to be included.
- In Exhibit B, see the existing electrical site plan.

INSTALLATION & SUPPORTS:

- Installation and support shall be proper of the type of sign being installed as well as comply with applicable zoning requirements.

ATTACHMENT C

DEMO:

- Remove existing background panel that holds 6" letters and dispose offsite.
- Remove existing letters (Aynor Middle School) and address (400 Frye Road) from existing sign, which will be reinstalled. Owner will provide location on the sign where the letters and address shall be reinstalled on the sign.

ADDITIONAL NOTES:

- Remove existing cut out aluminum plate letters and give to Owner.
- Remove and dispose of 11' by 16' letter marquee.
- Pressure wash existing sign.
- Patch holes with tinted caulk from the removal of the letters, numbers, and letter marquee.
- Provide new cutout aluminum plate letters and numbers.
- AYNOR MIDDLE SCHOOL will be 8" letters that will be placed centered where the original letter marquee was removed.
- 400 FRYE ROAD will be 6" letters. Shall be centered under the school name.
- The color for the letters and numbers will be white.
- The temperature probe and conduit for the sign shall be installed on the end of the sign facing the school.

TYPE 6 (To be used at Green Sea Floyds Middle School):

- Provide Watchfire 16mm colored LED display with broadband communication (54x162 matrix shown) on both sides.

SPECIFICATIONS:

LED DISPLAY:

- Watchfire 16mm color LED displays (54x162 matrix, 3'-5" x 9'-3" cabinets) with broadband communication.

ELECTRICAL:

- Signage to be wired for 120V (unless specified otherwise)
- Circuits: (2) 120V; (1) 20A with photocell for lamp, (1) 30A for EMC
- 5 AMPS required for school name cabinet
- 16 AMPS required for EMC
- (2) GE 96W power supplies
- (20) 42" Linefit LED Lamps
- Final connection to primary electrical system to be included.
- In Exhibit B, see the existing electrical site plan.

INSTALLATION & SUPPORTS:

- Installation and support shall be proper of the type of sign being installed as well as comply with applicable zoning requirements.

DEMO:

- Remove existing changeable reader board and dispose offsite.
- Remove existing letters (Green Sea Floyds Middle School) from existing sign, which will be reinstalled. Owner will provide location on the sign where the letters shall be reinstalled on the sign.

GENERAL NOTES:

- Typical name and colors will vary for each school location.
- Provide and install a temperature probe (building end).
- Communication Control: Broadband. Software and web training to be included. Host computer will be provided by Horry County Schools.
- **HCS is responsible for coordinating broadband wireless service for sign. "Life of Sign" broadband service is to be included.

In addition, the following items/services are to be included:

- a. Remove, replace and/or install new LED message center as shown on the plans.
- b. **Provide a 5-year warranty on electronic message center parts and 1-year on parts and labor on the sign.**
- c. **Once installed, response and/or repair time should occur within 48 hours of notification from the District during the warranty period.**

Below is the list of the school and addresses that will receive either a new or reworked electronic message sign.

1. Aynor Middle School – 400 Frye Road, Galivants Ferry, SC 29544
2. Forestbrook Middle School – 4430 Gator Lane, Myrtle Beach, SC 29588
3. Green Sea Floyds Middle School – 4990 Tulip Grove Road, Green Sea, SC 29545
4. Loris Middle School – 5209 Highway 66, Loris, SC 29569
5. North Myrtle Beach Middle School – 11240 Highway 90, Little River, SC 29566

DETAILED DESCRIPTION OF WORK TO BE PERFORMED:

Contractor to include a general contingency of allowance of \$25,000 for total project.

All costs associated with needed power are the responsibility of the Contractor.

The Contractor will remove and dispose of the existing top cabinet and marquee cabinet prior to the installation of the LED displays, where it is required. It is the responsibility of the Contractor to prevent moisture from infiltrating the LED sign. The message centers are not to be placed on the ground. One grounding rod is to be installed as close as possible to the displays and be bonded to both displays.

The manufacturer of the LED display is to include training at no additional cost onsite or via webinar for assistance in programming the sign and confirming communication between the displays and the computer that is selected by the School District to control the sign. **The contractor is to provide a professional IT technician for the initial set up.**

The Contractor must provide waste removal needed for this project. Daily cleanup and removal of waste materials is required. Materials and debris will not be left on the premises and will be removed at the end of each working day.

Payment will be provided according to terms listed in this contract.

The Contractor is responsible for identifying any and all utility locations. **Private locates will be required.** Call 811 before you dig. **811 will not locate lines on School District property.**

ATTACHMENT C

Any interruption to School District utilities must be repaired immediately, and any and all repairs must be made on or before the close of business on the day the interruption occurs.

All items needed are to be provided by Contractor. This project will be a turnkey job.

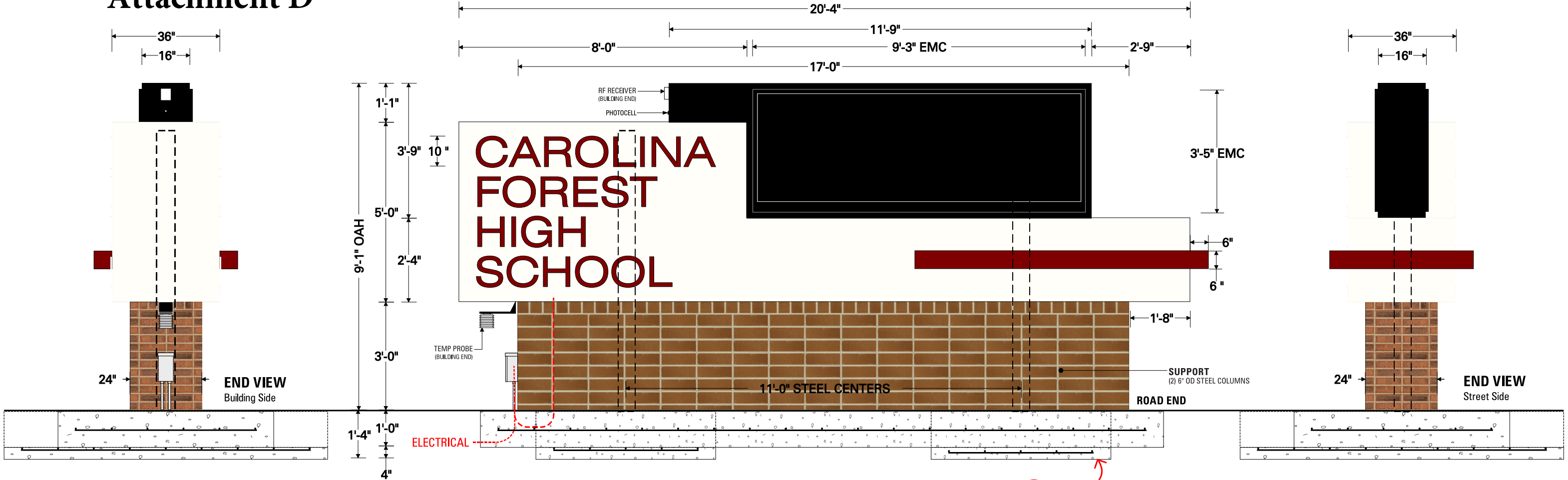
CONSTRUCTION SCHEDULE:

The Contractor will have 125 days to complete this project. The time will begin once the contractor has received an executed contract and purchase order. It will be the Contractor's responsibility to review, understand and follow the contract documents and to comply with all guidelines, if any delays occur. It is not the District's responsibility to remind the Contractor of his obligations.

The Contractor and District agree to this Scope of Work and other terms identified herein as an integral part of the *Contract Agreement*.

End of Exhibit A

Attachment D



SEE FOUNDATION
DETAILS ON NEXT PAGE:
TYPE 3 – FOUNDATION



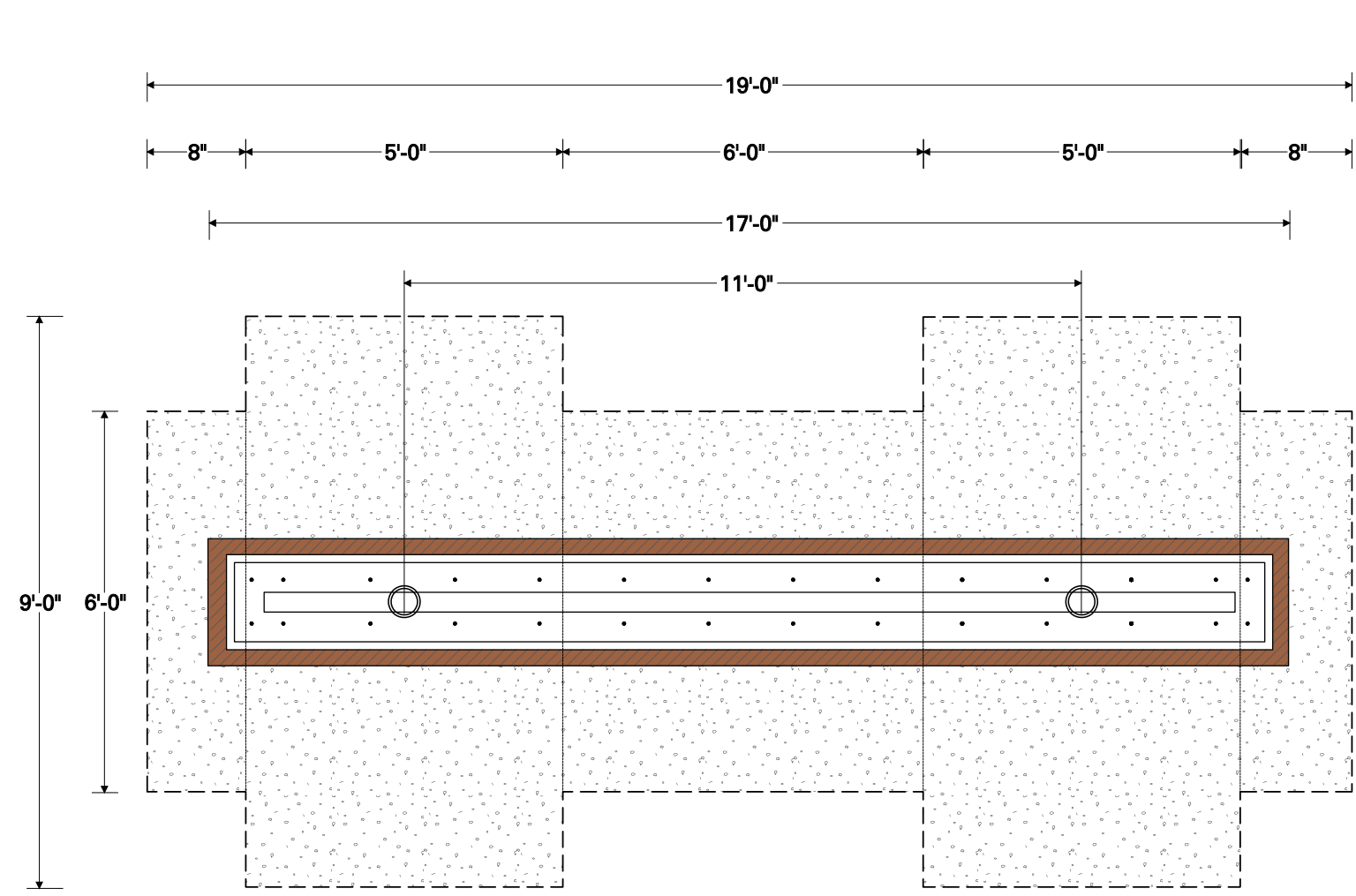
SIDE B
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SPECIFICATIONS

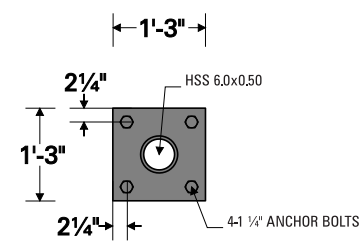
- MAIN CABINET:**
- D/F fabricated aluminum sign cabinet and trim (2" sq. tube + 3" sq. tube + 2" x 2" x 3/16" alum. angle frame
 - Routed .125 aluminum faces routed w/ 3/4" clear acrylic push-thru text w/ translucent vinyl on letters for "CAROLINA FOREST HIGH SCHOOL" letters
 - (TYPICAL: School name will vary)
 - LED internal illumination (typical)
- LED DISPLAY:**
- D/F Watchfire 16mm Color LED displays (54x162 matrix, 3'-5" x 9'-3" cabinets) with broadband communication
- BRICK BASE:**
- New brick base included in scope
- ELECTRICAL:**
- Signage to be wired for 120V (unless specified otherwise)
 - Circuits: (2) 120V; (1) 20A with photocell for lamps, (1) 30A for EMC
 - 5 AMPS req'd for school name cabinet
 - 16 AMPS req'd for EMC
 - (6) GE 96W power supplies
 - (12) 60" Linefit LED Lamps
 - Final connection to primary electrical system included
- INSTALLATION: (SEE TYPE 3 FOUNDATION PAGE)**
- FOUNDATION: (1) 6'-0" x 19'x0" x 1'-0" deep
 & (2) 9'-0" x 5'x0" x 1'-4" deep
- SUPPORTS: (2) 6" dia. x SCHD 40 wall

D/F Illuminated Primary ID Monument Sign with Message Center (TYPE 3)

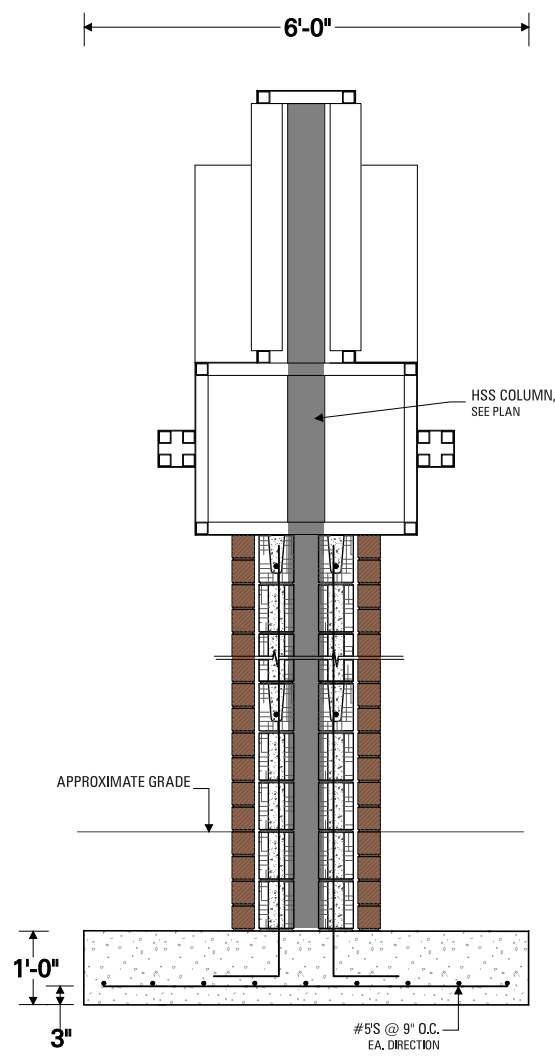
Attachment D



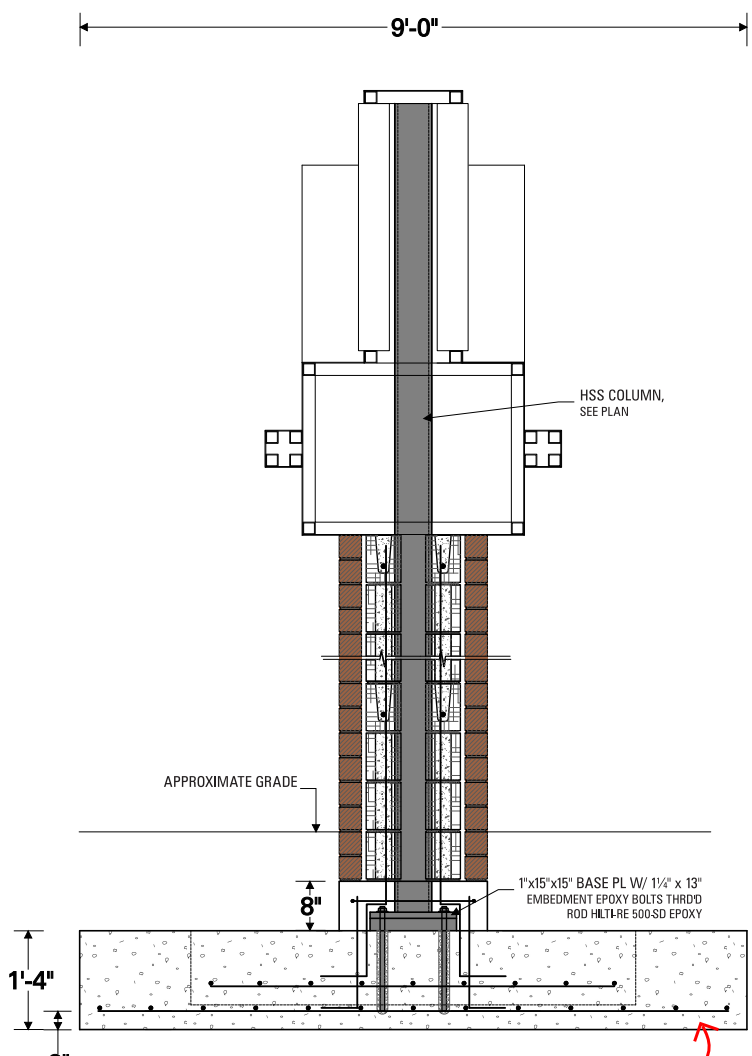
PLAN VIEW
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BASE PLATE DETAILS
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1ST FOOTER SECTION
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2ND FOOTER SECTION
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CONCRETE PADS:
QTY (1) 19'-0" x 6' x 12" DEEP
+ (2) 5' x 9' x 16" DEEP
+ REBAR AS REQ'D
#4 REBAR @ 12" CENTERS