Colleton County is enhancing preventative measures to mitigate the spread of the COVID-19 virus. Beginning March 18th, 2020, the Purchasing Department located at 113 Mable T. Willis Blvd. will be closed to walk-in traffic to the public. With this being said, please mail your bid packet to the attention of Kaye B. Syfrett. If you must hand deliver your packet, a drop box will be placed outside the main entrance to our facility. Once all bids are verified, the results will be posted on the County website.

Thanks,
Kaye B Syfrett, Procurement Manager

The following questions have been submitted for clarification:

- Bidders should note that the “Table of Contents” has changed as follows; Bid Forms page 54 should read page 52.

TABLE OF CONTENTS
(1 OF 2)

BIDDING AND CONTRACT REQUIREMENTS

Advertisement for Bid .......................................................................................................................................................... 3
Information for Bidders ...................................................................................................................................................... 4
Contract ........................................................................................................................................................................... 18
Reference Forms ............................................................................................................................................................. 25
Bid Forms ...................................................................................................................................................................... 52
• Bidder should refer to the attached quote from Advanced Door Systems Inc. of North Charleston, SC as the supplier and installer of the bay doors.

1. Would you be willing to release 5% of the 10% retainage at 50% completion instead of substantial completion? Holding 10% until substantial completion would be asking the GC to fund the entire job due to the size. There wouldn’t be any money available for us to pay out during construction. **Answer:** No. This is Colleton County’s standard practice for all projects.

2. Would it be acceptable to fill out the unit price portion of the bid form once the low bidder is apparent? Typically, we don't receive our sub numbers until hours or minutes before the bid is due. If you would allow a base bid only it could lower all the bids on bid day. Then ask for the breakout from low bidder afterward. **Please see the following concerning the unit pricing.**

   a. **CONTRACTOR/SUBCONTRACTOR QUALIFICATIONS PART 1 - GENERAL 1.01** The following information and completed forms **may be requested by the Owner of the three (3) lowest bidders. The request will be made the day of the Bid Opening or within five (5) days following the Bid Opening.** If requested, this data must be submitted to the Construction Coordinator or Owner within five (5) days of the request. Failure to provide the data in this section, upon request, will subject bidder to disqualification.

3. What is the eave height of the metal building? **Answer:** See attached revised A300 providing vertical dimension.

4. Please provide locations and/or quantities of fire extinguishers desired. **Answer:** Provide one (1) fire extinguisher and bracket. Location to be provided by the owner.

5. The door elevation of the OH Door shown on A600 indicates (3) lights, however, the building elevations on A200 do not. Which is correct? **Answer:** Provide windows in garage door per revised A200 & A600 attached. The garage door shall be Amarr-2432 2" Polystyrene Insulated Section Door. See attached door provider and installer.

6. Do you want electric operated, or manual operated OH Doors? **Answer:** See the attached quote for specifications and the supplier/installer to be used.

7. The door & frame schedule on shows Door 7 is a 03-type door with HM finish, however, the Door Schedule Notes indicate on Note 3 that 03 Door is to be solid core wood. Which is correct? **Answer:** Provide a hollow metal door.

8. Please provide more detail for the storage room.
   a. Wall finish? **Answer:** Painted P.T. Plywood
   b. Base? **Answer:** 1x6 P.T. wood base, paint
   c. Ceiling height? **Answer:** 8'-0"
   d. Walls to be constructed out of wood? **Answer:** 6" metal studs at 16" o.c. per wall type, W3 noted on drawings.
   e. Insulated? **Answer:** Yes, per wall type W3 noted on drawings.
   f. The ceiling is PT plywood. Do you want it painted? **Answer:** Yes.

9. Confirm you want the apparatus bay exposed ceiling and walls painted. **Answer:** Paint wood base & plywood walls. Exposed steel shall be factory primed dark gray.

10. Do you want the Hose Dryer Tower painted? **Answer:** No.
11. It shows that we are to abandon an existing well. Will new well be installed? **Answer:** A new well will be installed by the Owner.

12. Overhangs reference a “Linear Metal Ceiling System”, Can this be a standard metal panel? **Answer:** Yes, standard PEMB metal ceiling/soffit can be installed that meets IBC wind load requirements and water penetration requirements specified.

13. What is the gauge of the walls? Specs call for .028 inch which is close to a 23 gauge. The industry standard is 26 gauge with an upcharge for 24 gauge. **Answer:** 26 gauge is acceptable

14. What is the gauge of the trim and gutters? Specs call for .022 inch which is close to a 25 gauge. The industry standard is 26 gauge with an upcharge for 24 gauge. **Answer:** 26 gauge is acceptable

15. Specs call for a 16” wide Standing seam roof in Vertical rib or Trapezoidal. Trapezoidal roofs are typically 24”. Will a 24” Trapezoidal roof be acceptable? **Answer:** Trapezoidal 24” is acceptable as long as it meets IBC wind load requirements and water penetration requirements specified.

16. Please verify that the canopy structure is by others. Will the sheeting be by the PEMB supplier? **Answer:** Canopy structure is by PEMB

17. H/400 mainframe deflection is a big overkill. The code is H/60 for metal and H/100 for block. Is H/400 required? **Answer:** Use H/60

18. Specs call for 3 coat fluoropolymer paint. The industry standard is 2 coats. 3 coats will be a costly upcharge. Are 3 coats required? **Answer:** Provide 2 coats.

19. What is the collateral – see attached? **Answer:** Lights, fans, garage doors, heaters, etc. It is the contractor’s responsibility to review all the drawings.

20. What is the eave height at the top of the gutter/eave strut? **Answer:** See revised sheet A300 for eave strut height.

21. If the Canopy systems Roof is by PEMB – will it be standing seam or screw down? **Answer:** Standing seam.

22. I did not see Canopy Shop drawings, are they available? **Answer:** Canopies are by PEMB and are to be included in PEMB shop drawings.

23. Will the Canopy need gutters and downs? **Answer:** Yes

24. What is the Height to the top of the gutter/eave strut? **Answer:** See revised sheet A300 for eave strut height for the main bldg. The lowest structural element for the canopies roof shall not be lower than 8"-2” above the building slab floor.

25. An electrical contractor is concerned about the size of Box HH-1, doesn’t feel it will handle 4ea 4inch conduits. Are the handholes large enough to accommodate the conduits run into them? **Ex:** 4-4" conduits in East handhole. **ID.FHH** is 10" x 15-1/2" approx. **Answer:**
   a. “East Handhole” shall be revised to “HH-2” which shall be a 17” x 30”x 24” handhole to accept the (4) 4” conduits. HH-1 at the base of the utility pole shall remain as it only has (2) 4” conduits.

26. Who furnishes and installs the (CF) fans in the apparatus bay? **Answer:** The Contractor furnishes and installs the ceiling fans in the apparatus bay. See 1/M101 and Ceiling Fan Schedule on M101.
Advanced Door Systems, Inc.
7235 Cross Park Drive
North Charleston, SC 29418
843.552.9748 * Fax 843.793-6999

Date: 1/29/20
Quote: Material & Install

Project: Colleton County F. S. #15

TO: Richard Sheffield

We respectfully submit the following proposal for materials delivered, F.O.B. factory, freight allowed to job site. We acknowledge __0___ addendum.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>OVERHEAD SECTIONAL DOOR-</td>
<td></td>
</tr>
<tr>
<td>*3 each Amarr 2432 Commercial sectional doors with 1 section containing glass in each door, standard track, white color.</td>
<td></td>
</tr>
<tr>
<td>*3 each Lifmaster trolley operators, 110V with standard photo-eye safety.</td>
<td></td>
</tr>
<tr>
<td>LABOR-Includes installation, set-up and adjustment of materials listed above.</td>
<td>$ 5,300.00</td>
</tr>
<tr>
<td>EQUIPMENT RENTAL- 19' Scissor lift / Trailer</td>
<td>$ 1,000.00</td>
</tr>
</tbody>
</table>

NOTE: Equipment rental to be omitted if a scissor lift is provided for use by customer.

*All wiring by others.
*Installation of new material.
*Includes adjusting as needed for proper functioning of new material.
*We Qualify: Not responsible for existing wall conditions.
*We Qualify: Not responsible for out of square or out of plumb walls.

Subtotal: $16,580.00
(product only) 9% Tax: $
Total: $

Terms: Net 30 days, no retainage. A service charge of 1-1/2% per month (18% APR) will be charged on unpaid balances over 30 days. Purchaser agrees to pay all expenses incurred by Advance Door Systems, Inc. in collecting delinquent accounts (including attorney's fees). Above quotation is subject to acceptance within 30 days and delivery within a maximum of six months; otherwise, it is subject to change or withdrawal without notice.

Allen Blankenship  sbblankenship@advdoorsystems.com
**DOOR & FRAME SCHEDULE**

<table>
<thead>
<tr>
<th>Tag</th>
<th>Type</th>
<th>Height</th>
<th>Width</th>
<th>Thickness</th>
<th>Material</th>
<th>Finishing Type</th>
<th>Type</th>
<th>Notes</th>
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<tbody>
<tr>
<td>1</td>
<td>01</td>
<td>14'-0&quot;</td>
<td>14'-0&quot;</td>
<td>2&quot;</td>
<td>HM</td>
<td>PNT</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>01</td>
<td>14'-0&quot;</td>
<td>14'-0&quot;</td>
<td>2&quot;</td>
<td>HM</td>
<td>PNT</td>
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</tr>
<tr>
<td>3</td>
<td>01</td>
<td>14'-0&quot;</td>
<td>14'-0&quot;</td>
<td>2&quot;</td>
<td>HM</td>
<td>PNT</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>02</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>HM</td>
<td>PNT</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>02</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
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<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>HM</td>
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<tr>
<td>7</td>
<td>03</td>
<td>7'-0&quot;</td>
<td>3'-0&quot;</td>
<td>1 3/4&quot;</td>
<td>HM</td>
<td>PNT</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**DOOR SCHEDULE NOTES**

1. Type 01 Door to be 14'-0" AMARR Overhead Door, per Owner's Request.
2. Type 02 Door to be Narrow Vision, Hollow Metal Exterior Door.
3. Type 03 Door to be Painted, Hollow Metal Exterior Door.

**GLAZING TYPES**

<table>
<thead>
<tr>
<th>Type</th>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL-1</td>
<td>1/4&quot;</td>
<td>Tempered Glass Unit</td>
</tr>
<tr>
<td>GL-2</td>
<td>3/16&quot;</td>
<td>Fire-Rated Glass Unit</td>
</tr>
</tbody>
</table>

**FINISH ABBREVIATIONS**

- ACT  Acoustical Ceiling Tile
- ACW  Aluminum Clad Wood
- ALUM  Aluminum
- CONC  Concrete
- CP    Carpet
- CT    Ceramic Tile
- FF    Factory Finish
- GYP BD  Gypsum Board
- MFR  Manufacturer Finish
- PNT  Paint
- SC  Seated Concrete
- SCW  Solid Core (Wood Door)
- ST  Stain (Factory Finish)
- WC  Wainscot
- WD  Wood

**FINISH LEGEND NOTES**

1. Refer to flooring material transition details on sheet A600.
2. All walls to be Level 4 Finish.
3. All walls to be Painted Institutional, Low VOC Eggshell Finish.
4. All ceilings to be Painted Institutional, Low VOC Flat Finish.
5. All rooms with Gypsum Board Finish to have a 1X6 Wood Trim Base.
NEW GUTTERS TO BE INSTALLED

EXISTING FASCIA TO REMAIN

NEW COLUMN WITH FOOTING AS PER STRUCTURAL

STANDING SEAM METAL ROOF

AWNING ROOF PURLINS; REFER TO PEMB ENGINEER

EXISTING FASCIA TO REMAIN

NEW GUTTER TO BE INSTALLED

CONCRETE FOOTING AS PER STRUCTURAL

CONCRETE FOOTING WORKS IN PLAN

REVISION NO. DATE DESCRIPTION

1 03/12/2020 ADDENDUM 2
### BASIC BUILDING CODE INFORMATION

<table>
<thead>
<tr>
<th>Classification</th>
<th>Type (IBC 602)</th>
<th>Floor Area</th>
<th>Persons on Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENERAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCCUPANCY GROUP</td>
<td>B</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Function of Space**: Specify NSF or GSF.
- **Percent of Story**: Specify NSF or GSF.
- **Does building require Incidental Use Area (IBC 509)**: Specify Yes or No.
- **Mixed Occupancy**: Specify Yes or No.
- **Non-separated Mixed Occupancy (IBC 508.3)**: Specify Yes or No.
- **Accessories Occupancy**: Specify Yes or No.

### BUILDING DESIGN OCCUPANT LOAD

<table>
<thead>
<tr>
<th>Plan</th>
<th>Function of Space</th>
<th>Code</th>
<th>Number</th>
<th>Area (sq ft)</th>
<th>People</th>
</tr>
</thead>
<tbody>
<tr>
<td>G100</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### DRAWING LIST

- **G100 DRAWING LIST & PROJECT LOCATION**
- **G000 COVER SHEET**
- **CIVIL**
  - Project Address: 547 Ashton Rd. Islandton, SC 29929
  - Owner Representative: John T. Stieglitz III
  - S.C. Energy Efficiency Standards Act
  - 2018 International Building Code with SC Modifications
  - 2018 International Mechanical Code
  - 2018 International Plumbing Code
  - 2018 International Fuel Gas Code with SC Modifications
  - 1992 Americans with Disabilities Act
  - 2015 International Fuel Gas Code with SC Modifications

### SCOPE OF WORK

- **Low-Rise Residential Buildings**
- **Mechanical**
- **Electrical**
- **Plumbing**

### GENERAL DEMOLITION NOTES

- ** adm. 1-07**

### GENERAL PROJECT NOTES

- **adm. 1-07**
### FOOTING SCHEDULE

<table>
<thead>
<tr>
<th>Mark Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS20</td>
<td>THICKENED SLAB FTG: 2' - 0&quot; WIDE (24&quot; DEEP) WITH (2) #5'S IN TOP &amp; (3) #5'S IN BOTTOM</td>
</tr>
<tr>
<td>TS30</td>
<td>THICKENED SLAB FTG: 3' - 0&quot; WIDE (24&quot; DEEP) WITH (4) #5'S CONT. &amp; #5'S 16&quot; O/C (PERP.)</td>
</tr>
<tr>
<td>TB10</td>
<td>1' - 0&quot; WIDE (9&quot; DEEP) TIE BEAM WITH (6) #5'S</td>
</tr>
<tr>
<td>TS8</td>
<td>8&quot; SQUARE THICKENED SLAB EDGE</td>
</tr>
<tr>
<td>TS16</td>
<td>THICKENED SLAB FTG: 1' - 6&quot; WIDE (18&quot; DEEP) WITH (2) #5'S IN BOTTOM</td>
</tr>
<tr>
<td>#36</td>
<td>FOOTING (7' - 0&quot; DEEP): PROVIDE (3) #5'S (THROUGH PILE)</td>
</tr>
</tbody>
</table>

### DRAWING NOTES:

1. P.E. BUILDING COLUMN
2. #5 HAIRPIN: AT SLAB MID - DEPTH
3. 6" SLAB ON GRADE WITH ONE LAYER OF 6x6~W2.9xW2.9 W.W.F. (AT SLAB MID - DEPTH, FLAT SHEETS NOT ROLLS)
4. TRENCH DRAIN: COORD. W/ARCH DWGS
5. 4" SLAB ON GRADE WITH ONE LAYER OF 6x6~W1.4xW1.4 W.W.F. (AT SLAB MID - DEPTH, FLAT SHEETS NOT ROLLS)
6. SLOPE SLAB TO DRAIN: APPROX 3/16" PER FOOT
7. SEE METAL BUILDING SHOP DWGS FOR SLAB DETAIL AT DOORS (TYPICAL)
8. 12" BUTT ⌀ TIMBER PILE FOR HOSE RACK: MAX RACK HEIGHT 35' - 0"
9. 6" (20GA., 1 - 3/8" FLANGES) STUDS @16" O/C: LOAD BEARING FOR 125 PSF STORAGE PLATFORM ABOVE
10. LT. GA. HEADER OVER DOOR: (2) 10" (18GA., 1 - 5/8" FLANGES) STUDS. PROVIDE (2) JACK STUDS AND (1) KING STUD AT EA. END.
11. CLG JOISTS (125 PSF STORAGE PLATFORM): 10" STUDS (18GA., 1 5/8" FLANGES) @16" O/C

### LEGEND S101

CJ - SAW CUT SLAB CONTROL JOINT