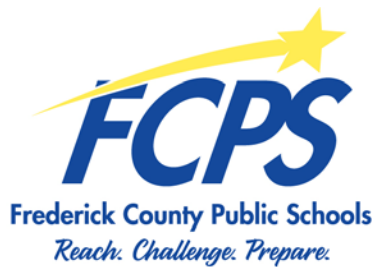


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Purchasing Agent
Shane Ryberg, Purchasing Agent

ADDENDUM

February 10, 2020

ADDENDUM # 1

Bid 20C3, Carroll Manor Elementary School Window and Door Replacement - Phase II

REVISED DUE DATE & TIME: FCPS Main Lobby, Thursday, February 27, 2020, prior to and time stamped no later than 11:00 A.M.

This addendum is being issued to provide additions, corrections, clarifications and answers to certain questions raised referencing the original bid packages and any resultant contracts for the above bid.

1. Please note the revised due date: ~~Tuesday, February 25, 2020~~ **Thursday, February 27, 2020**, prior to and time stamped no later than 11:00 A.M.
2. Clarification: Liquidated Damages will be assessed at ~~\$547.00~~ **\$577.00** per day for each calendar day required to achieve substantial completion beyond the substantial completion dated authorized by the contract.
3. This Addendum includes the following attachment(s):
 - a. Clarifications - Addendum 1 (2 pages)
 - b. Revised Specification Section 08 71 00, Finish Hardware (17 pages)
 - c. Revised Form of Proposal (3 pages)
 - d. Pre-Bid Meeting Notes (2 pages)
 - e. Pre-Bid Attendance Roster (1 page)

Thank you for your interest in bidding with Frederick County Public Schools and we apologize for any inconvenience this may have caused.

Sincerely,

Kim Miskell

Kim Miskell, CSBO,
Assistant Purchasing Manager

km/ab

pc: Vernon Beals, Project Manager III, Construction Management

CARROLL MANOR ES WINDOW AND DOOR PROJECT

ADDENDUM 1

1: Section 01 1000 WORK SUMMARY: Article 1.3 – WORK BY OWNER – ADD paragraph D – “The campus is receiving a sewer improvement project concurrent with the window and door replacement project over the summer of 2020. There will be a campus sewer interruption, minimal access to the enclosed courtyard, and another contracting team performing this work. The work areas are primarily in the courtyard and north of the building. This is for information only as the proposed work areas are separated and not expected to impact each effort. Site access however may need further coordination between teams if both are using the same access points onto the site and work areas. “

2: Section 01 1000 WORK SUMMARY: Article 1.3 – WORK BY OWNER – ADD paragraph E – “The campus is a fully functioning occupied site for the summer 2020 projects. There will be school staff, students, and maintenance technicians performing activities over the summer. Most student activities will be located at the northeast addition wing; however, we can expect occupant/technician travel as required thru the campus. The site custodial/maintenance teams will perform summer work items throughout the campus & within the contractor dust barrier areas at rooms not receiving new work.

3: Section 01 1000 WORK SUMMARY: Article 1.5 – CONTRACTOR USE OF SITE – Add paragraph F- “Access to the west enclosed play area/NW corridor entrance is available to the contractor across existing turf behind the ballfield. Currently there are no visible ruts and there is a full stand of mature turf in place. Utilizing the turf access way behind the ballfield may require restoration back to its original condition if damaged by vehicles. This would require topsoil, seed and straw mulch if deemed necessary.”

4: Section 01 1000 WORK SUMMARY: Article 1.5 – CONTRACTOR USE OF SITE – Add paragraph G – “The contractor is cleared to utilize the SW, & NW corridor entrances into the campus once the corridor dust barriers are in place. The SE double doors (near the gym) are available to access the east project areas as is the double door into the south chiller courtyard off the custodial break lounge. Kitchen access is thru the chiller courtyard loading dock door or from the café. A portion of the café area is available for equipment storage and prep. Access thru the YMCA double door is preferred. Other access and interior site storage areas will be considered as requested and if there is no conflict with summer operation.”

Note, the contractor is expected to replace any thresholds determined to be damaged thru their operations. Please consider opening & threshold protection if transporting heavy equipment thru doorways & across existing thresholds.

5: Section 01 1000 WORK SUMMARY: Article 1.6 – WORK SEQUENCE item E- the requirement for a contractor provided campus drain down effort has been deleted from the project. The owner shall provide this work scope in advance or immediately before the contractor mobilizes for summer installations. This is the owner’s item.

6: Section 01 1000 WORK SUMMARY: Article 1.7 – OWNER OCCUPANCY – add paragraph E – “site staff will remove furnishings from the work areas, that will be stored in the corridors until they can be replaced in their permanent rooms. The corridors will become a shared area with the owner’s furniture storage and contractor access. This may require coordination between both parties.

7: Section 01 50 00-2 WORK SUMMARY: Article 1.7 - OWNER OCCUPANCY – add paragraph E – “DUST CONTROL -the contractor will provide a polyethylene dust barrier at the classroom corridor doors with a zipper for room access before their work commences. At corridor 113 and the north/west corridor, the contractor will provide a full width floor to ceiling corridor polyethylene dust barrier with zippers for access. These will be maintained by the contractor throughout the project timeline. The intent is to isolate construction dust, debris and airborne particulates from the occupied sections of the campus. Additionally, the cross-connecting path between classrooms at the bathroom doors will be usually closed to prevent debris from entering the bathrooms.”

The building corridors will not be used as cutting or assembly areas that generate excessive dust. Classrooms with a doorway poly sheeting dust barrier may be used as protected interior cutting areas, provided the bathroom doors are closed. Final cleaning of all rooms receiving work shall receive a full room wipe down of all horizontal & vertical surfaces. The west play area is available for material staging and cutting as are other areas outside the building envelope. At minimum, the contractor will utilize a magnetic appliance to remove debris from work and cutting areas and perform a visual inspection of the grounds to remove all potentially injurious materials from the campus. There cannot be any construction materials remaining from the project within reach of the occupants at project conclusion.

8: Section 01 1000 WORK SUMMARY: Article 1.8 – DESCRIPTION OF BASE BIDS – G ALTERNATES – add the following description for alternate 5 – (note the different hardware requirements between Alternate 2 & 5.)

“Alternate No. 5 to the Base Bid- – Contractor Demo of existing and Installation of new permanent window/wall assemblies as detailed on the construction documents including temporary envelope protection, new windows, doors, shades, ceiling transitions to new, door hardware, walls, CUV/MEP improvements and finishes for classrooms 101 (prekindergarten) & 164 storage. These rooms do not have ACM based on the 1992 construction vintage. The current flooring/base in room 101 will be removed & replaced by the contractor. **Door 101 shall receive electrified hardware per the schedule, a card swipe & interface to the existing access control system in the building.** The contractor acknowledges this work can begin as early as June 24, 2020 and will complete prior to August 14, 2020.

A revised Form of Proposal has been issued with this addendum that includes Alternate 5.

9: Section 01 1000 WORK SUMMARY: Article 1.8 – DESCRIPTION OF BASE BIDS – G ALTERNATES – LIQUIDATED DAMAGES – the liquidated damages value is confirmed at \$577.00 dollars per day.

10: SCOPE CLARIFICATION FOR FLOORING: The contractor shall broom and mop clean the new flooring before turning over to the owner for wax application. The owner will install the room floor wax.

PART 1 GENERAL

1.1 DESCRIPTION

- A. Provide all work necessary to complete all finish hardware work as shown on the drawings or inferable there from and/or specified herein, in accordance with the requirements of the Contract Documents.

1.2 RELATED SECTIONS

- A. Section 08 41 13 - Aluminum Framed Entrances and Storefronts Systems (this section shall require hardware by section 08 71 00 specified herein).
- B. Section 08 41 14 - Aluminum Framed Window Wall.

1.3 DETAILS OF WORK

- A. Refer to drawings, details and schedules for items requiring finish hardware. It is the intent of this section to include all finish hardware required for the project, except for items, which are specifically noted as being specified in other sections of the specifications.
- B. Coordinate the application of hardware items with door and frame details and with methods of fastening as hereinafter specified.
- C. Furnish complete templates, schedules and fastening details to door and frame manufacturers and other trades requiring same, to insure doors and frames are properly cut, reinforced and prepared to receive hardware.
- D. Single source, furnish only the products of one manufacturer where several manufacturers are specified for one type of hardware.
- E. Work includes, but not limited to the following items:
 - 1. Hinges
 - 2. Lock and latch sets
 - 3. Deadlocks
 - 4. Exit devices and removable mullions
 - 5. Door closers
 - 6. Electro-magnetic door release
 - 7. Electro-magnetic locks
 - 8. Power supply
 - 9. Key switch
 - 10. Overhead stops and holders
 - 11. Push and pull plates
 - 12. Kick and armor plates
 - 13. Flush bolts
 - 14. Floor and/or wall stops
 - 15. Thresholds
 - 16. Astragals
 - 17. Weather-stripping

18. Gasketing
19. Door silencers
20. Key cabinet

- F. Work specified to be provided under other sections, includes rough carpentry and items of finish hardware so specified or provided as part of other sections, including the following;

Hardware For:

1. Windows
2. Toilet partitions
3. Operable partitions
4. Lockers
5. Cabinets or casework
6. Roof scuttles
7. Fence or gates

1.4 REQUIREMENTS OF REGULATORY AGENCIES

- A. Furnish finish hardware in accordance with the requirements, under the published procedures of the following recognized agencies. Wherever possible all hardware and its application are intended to comply with the latest edition of CABO/ANSI A117.1, NFPA 80, NFPA 101 and NFPA 105. It is the intent of this specification that all hardware and its application shall comply or exceed the standards for labeled openings. In case of conflict between type of hardware specified and type required for fire protection, furnish type required by NFPA and UL.

1.5 QUALITY ASSURANCE

- A. All work performed and all materials furnished shall be in conformity with the contract requirements.
- B. All products listed herein are intended to describe quality, type and function of items listed. Accuracy, and strict compliance with the samples and descriptive literature upon which acceptance is based, shall be the sole responsibility of this supplier.
- C. If the Architect finds materials or the finished product in which the materials are used are not in complete conformity with the contract requirements and has resulted in an inferior or unsatisfactory product, the materials shall be removed and replaced by and at the expense of the supplier.
- D. The supplier shall be responsible for the provisions, proper coordination and function of the finish hardware required for all openings.

1.6 SUPPLIER QUALIFICATIONS

- A. The hardware supplier shall, in the opinion of the Architect, have sufficient experience and shall have an Architectural Hardware Consultant (AHC) as certified by the Door and Hardware Institute, as a full time employee of its organization. The Architectural Hardware Consultant shall be available to attend job meetings as required.

- B. After delivery of hardware and prior to its installation, the hardware consultant shall meet with the Architect and Contractor to compare final samples with actual hardware delivered. To assure acceptability, they shall review catalogs, brochures, templates, installation instructions, final hardware schedule, and shall rehearse installation, procedures and workmanship, with special emphasis on unusual conditions to ensure correct technique of installation, and coordination with other work.
- C. The hardware supplier shall maintain a warehouse and office within a fifty (50) mile radius of the job and maintain an inventory and field service staff in order to service the project properly.

1.7 SUBMITTALS

- A. Submit, for review, six (6) complete copies of the finish hardware schedule covering complete identification of all items required for the project. Include manufacturer's names and identification of finishes. Include six (6) complete copies of catalog cuts and/or technical data sheets, identifying each item of hardware and any other data as may be required to show compliance with these specifications. The data on the shop drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials and similar data to enable the Architect to review the information as required. These schedules shall be prepared in conformity with the best practice and standards of the Door and Hardware Institute.
- B. Include a separate keying schedule, which shall include Architect's door numbers, hardware headings, room description numbers and Owner's revised room description numbers as part of the final submittal of the hardware schedule. Schedule format to include an additional column to allow for Owner's revised room description numbers. Upon final approval of the keying requirements by the Architect and Owner, the Owners room numbers shall be listed in the appropriate column and resubmitted to Frederick County Public Schools for final review and approval.
- C. The Architect's review of schedules shall neither be construed as a complete check nor shall it relieve the Contractor of responsibility for errors, deviations or omissions from the specified requirements to provide complete hardware for the project.
- D. After approval of the hardware schedule the hardware supplier shall furnish to FCPS, four (4) complete sets of manufacturers warranties and product data.

All information will be submitted bound in a hardware schedule cover and shall contain the following information in the order as listed:

1. Hardware schedule cover sheet
2. Index of manufacturer's
3. Manufacturers catalog cuts in the order as listed in the index
4. Catalog cuts to be color coded and identified
5. Warranties to be listed in order of index the supplier shall also make available to the owner any service manuals for locksets.

1.8 SAMPLES

- A. In conjunction, and concurrent therewith, with the submission of the finish hardware schedule, submit to the Architect, samples of each typical item of exposed hardware in specified finish. Submission of samples prior to installation is mandatory. Architect's review of samples will be for design, pattern, finish and color only. All other requirements are the exclusive responsibility of the Contractor.
- B. Samples Required
 - 1. Hinges, each type.
 - 2. Lockset with turnlever, lever cylinder.
 - 3. Panic device, rim type with trim.
 - 4. Pulls complete with mounting accessories.
 - 5. Push plate with fasteners.
 - 6. Surface mounted closer.
 - 7. Overhead holder/stop
 - 8. Floor and/or wall bumpers
- C. After final review, deliver samples to job site for comparison with hardware delivered for installation. Unblemished samples may be used as part of the Work.

1.9 PRODUCT HANDLING AND STORAGE

- A. Package and label each item of hardware separately. Tag each item in accordance with the final hardware schedule. Each package shall contain appropriate fastenings, instructions and installation templates. Protect all items from loss or damage in shipment.
- B. The General Contractor shall be responsible for receiving and providing an adequate secured storage area for all hardware. Materials shall be stored so as to assure the preservation of its quality and acceptability for the work. Locate stored material to facilitate its prompt inspection by the Architect.

PART 2 PRODUCTS

2.1 GENERAL

- A. Refer to hardware sets for application of individual hardware items as referenced to each opening or function.

2.2 HARDWARE FINISHES

- A. Produce finishes to exact match with Architect's selected samples. Variances in the color of each finish shall be minimized regardless of whether the base metal is cast, forged or stamped, or when plating is applied over steel, brass or bronze. Comparative finishes shall appear the same when viewed two feet apart and three feet away. The two samples shall be under the same lighting conditions and on the same relative plane. The finish for each item of hardware shall match the finish selected for lock and latch sets. The type of finish for each hardware item is indicated in the hardware sets.

2.3 HARDWARE MOUNTING HEIGHTS

- A. The following mounting heights shall apply throughout the work unless otherwise shown or specified and shall comply with the locations for hardware as recommended by the Door and Hardware Institute, other than as specified herewith.

Centerline of strike for levers	40-5/16
Centerline of exit device touch pad	40"
Centerline of strike for dead locks	48"
Centerline of push plates	40"
Centerline of door pulls	40"

2.4 FASTENERS

- A. Provide concealed fastenings wherever possible. The use of self-tapping or sheet metal screws is prohibited on all hardware except kickplates and push plates. All exit devices and door closers shall be through-bolt mounted.
1. Concealed Fasteners: Furnish hardware items complete with appropriate type and length of screws or other fastenings suitable to ensure proper application.
 2. Exposed Fasteners: Furnish hardware with countersunk Phillips oval head type screws where concealed fastening is not possible. The finish or color of these screws shall harmonize with the product as to finish and material.

2.5 MATERIALS AND MANUFACTURERS

- A. Acceptable manufacturers for the various items specified are listed below. Products of the underlined manufacturers are ones used in this specification to denote the quality, type, design and function of hardware required. The items of hardware as specified by manufacturer's name and product nomenclature shall comply with any additional features and/or modifications such as base material, finishes, fasteners, etc. The manufacturer and supplier shall be responsible to comply with these requirements as a part of their acceptance. The special features as specified supersede the manufacturer's standard product. Only equivalent products of the listed manufacturers will be accepted. Items listed with NO SUBSTITUTE have been requested by Owner to match existing products, No alternate products will be considered for review, provide products as specified.

1. Hinges	<u>Hager</u> -Bommer-Ives
2. Continuous Hinges	<u>Ives</u> -Hager
3. Lock sets/Latch sets	<u>Best</u> -No Substitute
4. Panic Devices	<u>Von Duprin</u> - No Substitute
5. Mullions	<u>Von Duprin</u> - No Substitute
6. Overhead Closers	<u>LCN</u> - No Substitute
7. Auto Operators	<u>LCN</u> - No Substitute
8. Overhead Holder	<u>Glynn-Johnson</u> -ABH
9. Electro-Magnetic Door Release	<u>LCN</u> - Rixson
10. Push Plates	<u>Ives</u> - Rockwood – Hager

11.	Kick and Armor Plates	<u>Ives</u> - Rockwood - Hager
12.	Flush Bolts	<u>Ives</u> - Rockwood - Hager
13.	Coordinators	<u>Ives</u> - Rockwood - Hager
14.	Stop and Bumpers	<u>Ives</u> - Rockwood - Hager
15.	Thresholds	<u>Zero</u> - National Guard - Pemko
16.	Weatherstripping	<u>Zero</u> - National Guard - Pemko
17.	Gasketing	<u>Zero</u> - National Guard - Pemko
18.	Astragals	<u>Zero</u> - National Guard - Pemko
19.	Door Silencers	<u>Ives</u> - Rockwood - Hager
20.	Key Cabinet	<u>Telkee</u>
21.	Access Control System	<u>Best</u> - No Substitute
22.	Electric Strikes	<u>Von Duprin</u> -No Substitute

2.6 HINGES

- A. All hinges shall be of the type and size as specified and shall conform to the latest edition of ANSI/BHMA A156.1 standards and in compliance with NFPA 80 Table 2.8A. Package all hinges with machine or wood screws as required by door and frame construction.
- B. Hinges shall be of flush ball bearing design with flat bottom tips and non-rising pins.
- C. All non-ferrous type hinges shall be furnished with stainless steel pins as a standard and all exterior hinges shall be stainless steel with a non-removable pin (NRP) feature per hinge.
- D. Where the door jamb and/or trim projects to such an extent that the width of the hinge leaf specified will not allow the door to properly clear the frame or trim, the supplier shall furnish hinges of sufficient width to clear.
- E. Types and Manufacturers:
- | <u>Hager</u> | <u>Bommer</u> | <u>Ives</u> |
|--------------|---------------|-------------|
| BB1279 | BB5000 | 5BB1 |
| BB1168 | BB5004 | 5BB1HW |
| BB1191 | BB5006 | 5BB1 |
| BB1199 | BB5006 | 5BB1HW |
- F. Continuous hinges to be used at all aluminum storefront, cross-corridor, stairwell, cafeteria, gymnasium, locker room and exterior openings, and interior openings where doors are greater than 36" wide.
- G. Types and Manufacturers:
- | <u>Ives</u> | <u>Hager</u> |
|-------------|--------------|
| 112HD | 780-112HD |
| 224HD | 780-224HD |

2.7 CYLINDRICAL LOCKS AND LATCHES

- A. General: Lockset and latches shall be Best 9K extra-heavy-duty cylindrical series with 7-pin interchangeable core. Locks to have solid shank with no opening for access to keyed lever keeper. Lock chassis must be through-bolted outside of the lock chassis prep to prevent rotation of chassis after installation. Lock manufacturer shall provide three-year warranty, in writing, to the Owner, along with three copies of the lock service manual.
- B. Strikes shall be 16 gauge, curved brass, bronze, or stainless steel with a 1" deep box construction, and have sufficient length to clear trim and protect clothing.
- C. Tubular Deadbolts shall be Best 83T with 7-pin interchangeable core.
- D. **Note: Mortise-type locksets will not be acceptable except at staff corridor restroom applications.**
- E. Types and Manufacturer's
 - 1. Best - No Substitution
 - a. Lock Series and Design: 93K7 x 15D x 626
 - b. Tubular Deadbolts: 83T x 626
 - c. Cores/Cylinders: 7-pin to match existing system

2.8 PANIC DEVICES

- A. General: Furnish panic devices of the design, type, function and finish as specified herewithin.
 - 1. All devices shall be a push through type touch pad design with return stroke fluid dampener and rubber bottoming dampers. Touch pads are to be stainless steel with no exposed rivets or screws and shall exceed height of mechanism case or rail assembly (T-Shaped) to eliminate pinch points. Plastic touchpads are not acceptable.
 - 2. Latchbolts shall be self-lubricating and have a deadlocking feature.
 - 3. Exit devices shall be listed by UL for accident and hazard. Devices shall conform to ANSI A156.3, Grade 1 and conform to NFPA 80 and NFPA 101.
 - 4. All panic devices shall meet the performance tests found in the Underwriters Laboratories Standard UL305 and bear the UL listing mark for panic hardware or UL 305 and UL 10C for fire exit hardware as appropriate.
 - 5. All exit devices shall be through bolted. All trim shall be through bolted by means of concealed fasteners.
 - 6. A factory representative to insure proper adjustment and operation shall inspect all devices after installation. The representative shall submit a written report to the Architect with copies to the General Contractor and hardware supplier upon completion of his service. This report shall include any installation problems, noting door numbers and location along with recommendations to correct the problem.
 - 7. Provide non-fire labeled exit devices with CDSI-cylinder-dogging security indicator feature. Dogging mechanism shall be mechanical hook type with no plastic dogging cams. Provide LD-less dogging at exterior doors as designated by Owner.

8. All surface strikes shall be roller type and come complete with a locking plate to prevent movement.
 9. End caps shall be of heavy-duty metal alloy construction and provide horizontal adjustment to provide flush alignment with device cover plate. When end cap is installed, no raised edges will protrude.
 10. Lever trim shall be heavy-duty type with a breakaway feature to limit damage to the unit from vandalism and fastened by means of concealed welded lugs and through-bolts from inside. Trim shall be forged brass with a minimum average thickness of .090" and have forged pulls. Provide at fire-labeled openings.
 11. Provide Ives VR910 Series pulls on all non-fire labeled applications; VR910 DT or VR910 NL.
 12. Provide rim exit devices at single doors. Provide two rim exit devices with keyed removable steel mullion at pairs of doors. **Concealed or surface vertical rod exit devices or aluminum mullions will not be permitted except LBL-Less Bottom Latch concealed cable device may be used at double egress cross-corridor applications.**
 13. Provide QEL-Quiet Electric latch Retraction at electrified exit device applications.
- B. Types and Manufacturers: Panic Devices
1. Von Duprin - No Substitution
 - a. XP99 Series (exterior)
 - b. 99 Series (interior)
 - c. 9949/9949-F-LBL (cross-corridor)
- C. Types and Manufacturers: Mullions
1. Von Duprin-No Substitution
 - a. KR4954 x 154 Stabilizers
 - b. KR9954 x 499F x 154 Stabilizers

2.9 OVERHEAD SURFACE CLOSER

- A. Surface Closers
1. Shall conform to ANSI A156.4, Grade 1, NFPA 80, NFPA 101 and UL10C.
 2. Full rack-and-pinion type closer with non-ferrous cover and cast iron body. Double heat-treated shaft, full complement bearings, single piece forged piston, chrome silicon steel spring, non-critical screw valves; back check, sweep and latch.
 3. ISO 9000 certified. Units stamped with date of manufacturer code.
 4. All non-sized closer to be independent lab tested for 10,000,000 cycles.
 5. Locate closers on interior side of exterior doors and on the non-public side of interior doors, unless otherwise specified. Closers are to be parallel arm mounted.
 6. Closers to be non-sized, field adjustable from size 1 to 6.
 7. Furnish all non-sized closers with 1½" diameter piston.
 8. All closers shall be mounted with through-bolts.

9. Provide plates, brackets, and special templates when needed for interface with particular header, door, and wall conditions and adjacent hardware.
10. Maximum opening force to meet ADA: Exterior doors 8.5 lb.; interior doors 5 lb.; fire doors 15 lb.
11. Spring Cush (SC) Arms at all exterior, Gym, Cafeteria, Stair, and high traffic openings.
12. Closers tested to 100 hours of ASTM B117 salt spray test, furnish data on request.
13. Spring power adjustment aided by visible size indicator, i.e. "FAST Power Adjust".
14. Closers to have a stable fluid withstanding temperature range of 120 degrees to -30 degrees hydraulic fluid
15. Install closers at templating to provide maximum ADA compliance.
16. Closer products with any type of pressure relief valve system will not be acceptable.
17. Types and Manufacturers:
 - a. LCN-No Substitution
 - 1) 4040XP pull-side application
 - 2) 4040XP SCNS push-side application
18. Auto operators shall be supplied as specified in hardware set at the end of this section. Furnish all labor, materials, equipment and services necessary for proper installation of the LCN Senior Swing handicap door system, a low energy power operated door system as defined in current ANSI/BHMA A159.19. All auto operators are to be installed by a certified LCN installation company. Provide Touchless actuators. Coordinate with access control system.
19. Types and Manufacturers:
 - a. LCN-No Substitution
 - 1) Senior Swing Series 9530/9540

2.10 OVERHEAD HOLDERS AND STOPS

- A. General: Furnish surface-mounted overhead holder/stop of the type, design and function as specified herewithin.
 1. All holders shall be non-handed and furnished complete with proper fasteners.
 2. All holder arms and channels shall be made of extruded bronze or stainless steel.
 3. Shock absorber to be a shock absorbing coil steel spring with a rubber insert.
 4. Furnish sex bolts on all wood doors.
- B. All products herewith shall comply with the standards of ANSI/BHMA A.156.8.
- C. Types and Manufacturers:

<u>Glynn-Johnson</u>	<u>ABH</u>
450S	4420
450F	4430

450H	4410
90H	9000H

2.11 ELECTRO-MAGNETIC DOOR RELEASE

- A. General: Furnish electromagnets hold open devices designed specifically to hold fire and smoke doors open until released under activation of the fire alarm system or loss of power.
1. Faceplates shall be stainless steel for flush or surface mounting and shall fit into standard single gang electrical boxes.
 2. Assembly shall consist of an armature contact plate with adjustable pivot mounting.
 3. All units to be equipped with easy wire quick insert connectors.
 4. Holding force to be 25 pounds, voltage to be 24VDC, unless otherwise approved by the Architect.
 5. Types and Manufacturers:

<u>LCN</u>	<u>Rixson</u>
SEM7840	FM998

NOTE: ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER WIRING, JUNCTION BOXES, CONDUIT, RECIFIERS, TRANSFORMERS ETC., INCLUDING ALL CONNECTIONS AS REQUIRED TO PROVIDE A COMPLETE OPERATIONAL SYSTEM UNDER DIVISION 16/DIVISION 28.

2.12 PUSH/PULL PLATES

- A. General: Push plates and pull plates shall be provided as scheduled.
- B. All plates shall be drilled and countersunk approximately 6" on centers. All plates shall be furnished with stainless steel Phillip's head screws with undercut heads to insure a tight bond on any type of door. All plates shall be packaged in individual envelopes, clearly marked and sized. All material shall be properly packaged to protect the finish.
- C. All products shall comply with ANSI/BHMA standards A156.6 and A156.18.
- D. All push and pull plates shall have radius corners.
- E. All push plates shall be a minimum thickness .125.
- F. All pull plates shall be a minimum thickness .050.
- G. Types and Manufacturers:
- | | | |
|---------------|--------------------|--------------|
| <u>Ives</u> | <u>Rockwood</u> | <u>Hager</u> |
| 8200 4" x 16" | 73 RC, 4 x 16 | 90R, 4 x 16 |
| 8302 4" x 16" | 107 x 70RC, 4 x 16 | 43G, 4 x 16 |

2.13 KICK AND ARMOR PLATES

- A. General: All kick plates and armor plates shall be .050 inch minimum thickness stainless steel, US32D. Plates to be beveled three edges (B3E), drilled and countersunk with stainless steel screws 5/8" minimum with matching finish.
- B. All plates shall be in compliance with ANSI/BHMA standards A156.6 and A156.18.
- C. Types and Manufacturers:
- | <u>Ives</u> | <u>Rockwood</u> | <u>Hager</u> |
|-------------|-----------------|--------------|
| 8400 Series | K1050 Series | 193S |

2.14 MANUAL FLUSH BOLTS AND COORDINATORS

- A. General: All flush bolts are to be manually operated and furnished for pairs of doors as specified. Furnish minimum length of 12" for all rods, except where any door is higher than 7'-0", furnish the top bolt in a length sufficient to locate the flush bolt operator no more than 6'-0" above the finished floor. Comply with ANSI A115.4, door and frame preparation and ANSI/BHMA A156.16. Furnish standard strikes with wrought boxes for top bolts. Furnish dustproof strikes for bottom bolts. Coordinators are to be used only on hollow metal doors.
- B. Types and Manufacturers:
- | <u>Ives</u> | <u>Rockwood</u> | <u>Hager</u> |
|--------------|------------------------|------------------|
| FB458 | 555 | 282D |
| FB41P/42 | 1942 | 291D |
| CORxFLxMB1/2 | 1600xFillerxMtg. Brkt. | 297Dx297Fx297M/N |
| FB31P/32 | 1842 | 292D |
| FB358 | 557 | 283D |

2.15 DUSTPROOF STRIKES

- A. Dustproof Floor Strikes: For 5/8" round or 1/2" square bolts.
1. Ives: DP1/2
 2. Rockwood: 570
 3. Hager: 280X

2.16 FLOOR AND WALL STOPS

- A. General: Furnish floor and/or wall stops as indicated, unless otherwise specified.
- | <u>Ives</u> | <u>Rockwood</u> | <u>Hager</u> |
|-------------|-----------------|--------------|
| WS406CCV | 410 | 236W |
| FS436 | 440 | 241F |
| FS441 | 471 | 257F |
| FS495 | 494 | 326W |
| FS496 | 491 | 326F |

2.17 THRESHOLDS

- A. General: Furnish thresholds of the type, finish and material as specified.
- B. Fasteners shall be of stainless steel or non-ferrous material with a finish compatible with the threshold. The length of the screw used should be the proper length to allow for a minimum of 3/4" thread engagement in the floor or anchoring device used.
- C. All material shall be in compliance with ANSI/BHMA standards A156.21.
- D. All aluminum extrusions are to be of alloy 6063 hardness T-5.
- E. Acceptable Manufacturers:
 - 1. Zero
 - 2. Pemko
 - 3. National Guard Products

2.18 WEATHERSTRIPPING/GASKETING

- A. General: Furnish all weatherstripping, gasketing, door bottoms and astragals as specified.
- B. Wherever the specified materials are used in conjunction with a fire rated opening, products shall have been tested in accordance with the Underwriters Laboratories, UL10C and shall meet the requirements of positive pressure UBC 7-2.
- C. All gasketing material shall be silicone and in compliance with ANSI/BHMA standard A156.22 for door gasketing systems.
- D. Acceptable Manufacturers:
 - 1. Zero
 - 2. Pemko
 - 3. National Guard Products

2.19 DOOR SILENCERS

- A. Furnish for all hollow metal frames, three door silencers for each single door and two each for each pair of doors as manufactured by one of the following manufacturers.
 - 1. Ives: SR64
 - 2. Rockwood: 608
 - 3. Hager: 307D

2.20 KEY CONTROL SYSTEM

- A. General: Furnish a complete key system of the type specified.
- B. Provide key cabinet made of cold rolled, minimum 18-gauge furniture steel electro-welded. Doors shall have continuous brass pin piano type hinge and shall be equipped with chrome-plated locking handles, hook cam and two paracentric keys. All locks shall be nickel plated with solid brass pin tumbler cylinder keyed as directed. Key cabinet and key control system shall accommodate all keys for this project plus fifty percent expansion.

1. Key tags shall consist of two sets: Permanent self-locking and loan key snap hook type with tag colors as follows: Red fiber markers of the permanent self-locking type approximately 1-1/4" inch in diameter on, which shall be engraved the legend, "File Key Must Not Be Loaned."
 2. Also furnish for each hook a white cloverleaf key marker with snap hooks on which shall be engraved "Loan Key."
- C. The hardware supplier shall attach a key tag to each change key and shall mark thereon the respective architectural key symbol and key bitting number. Each group of keys shall be contained in a key gathering envelope, which shall include the architectural key symbol, key bitting number and architectural room description number.

The hardware supplier shall be responsible for properly identifying and tagging all change keys, setting up the key cabinet and key index system.

The General Contractor shall be responsible for verifying that all locksets are installed in their proper location and that the key changes operate the correct locks.

1. Key Index System Shall Include:
 - a. Hook number
 - b. Architectural key symbol
 - c. Architectural door number
 - d. Owner's revised room number
 - e. Key bitting number
- D. The hardware supplier shall include in their scope of work all labor necessary to completely layout the key index system and install all keys, properly identified in the key cabinet. The permanent keys and key cabinet shall be delivered directly to the Owner.
- E. The key cabinet shall be a three-way cross index system and shall include a hardbound copy and disk, including master key listing the keys alphabetically, the hooks numerically and the key bitting changes numerically. Attach the keys to the two sets of numbered tags supplied with the cabinet, permanent tag and the loan key tags. The supplier shall instruct the Owner in use of the system. The General Contractor shall install the cabinet in a location selected by the Owner.
- F. Type and Manufacturers:
 1. Telkee Aristocrat AWC-450-S System
 - a. Size of system is minimum requirement, appropriate size to be furnished dependent on project.

2.21 KEYS AND KEYING

- A. Provide Best brass construction cores and keys during the construction period. **Plastic construction cores will not be permitted.** Construction cores shall not be part of the Owner's permanent keying system or furnished on the same keyway or key section as the Owner's permanent keying system.
- B. Permanent Best cores and keys shall be prepared according to the approved keying schedule and shall be furnished to the Owner by the local Best factory representative prior to occupancy.

- C. All cylinders and cores shall be Best 7-pin, interchangeable core. Furnish Best "Premium" cores at all exterior keyed openings. Best cores shall be keyed by the factory to match the existing Frederick County Public School key system.
- D. Permanent Best keys and cores shall be stamped with the applicable key mark for identification. These visual key control marks or codes will not include the actual key cuts. Permanent keys will also be stamped "Duplication Prohibited."
- E. Grand Masterkeys, Masterkeys and other Security keys shall be transmitted to the Owner by Registered Mail, return receipt requested.
- F. Furnish keys in the following quantities:
 - 1. 4 each Grand Masterkeys
 - 2. 4 each Masterkeys per set
 - 3. 4 each Change keys each keyed core
 - 4. 9 each Construction Masterkeys
 - 5. 1 each Construction Control key
- G. The Owner, or the Owner's agent, will install permanent cores and return the construction cores to the Contractor's Hardware Supplier. All Construction cores and keys remain the property of the Contractor's Hardware Supplier.

PART 3 EXECUTION

3.1 INSTALLATION GENERAL

- A. The Contractor shall receive all hardware for doors as shown and scheduled and as in accordance with the approved hardware schedule.
- B. Provide an adequate and secured storage area for all hardware; refer to paragraph 1.09.
- C. Install all hardware in strict accordance with the manufacturer's templates and installation procedures and workmanship, refer to paragraph 1.03.
- D. The Contractor shall turn over to the Owner any tools supplied with the hardware to adjust or maintain the hardware.
- E. In conjunction with the hardware supplier, the Contractor shall adjust and check the installation of hardware prior to acceptance by the Owner and/or Architect.
- F. The Contractor shall obtain a copy of ANSI/DHI A115.IG-1994. "Installation Guide for Doors and Hardware." It is the intent of this document to be used as a reference guide in the proper handling, storage and installation of finish hardware and doors and frames. This document can be obtained through the Door and Hardware Institute, Chantilly, VA.
- G. All hardware shall be inspected by the factory representative prior to final acceptance by FCPS to ensure proper installation and adjustment. The representative shall submit a written report to the Architect with copies to the Contractor and hardware supplier upon completion of his service. This report shall include any installation problems, noting door numbers and location along with recommendations to correct the problem.

- H. The Contractor and construction manager shall coordinate a pre-installation meeting with the hardware installers, the hardware supplier, and manufacturers' representative to review products specified and their proper installation.

3.2 ELECTRONIC ACCESS CONTROL SYSTEM REQUIREMENTS

- A. Summary of Work: The hardware supplier shall obtain the services of Best Access Systems to furnish and install the hardwire Electronic Access Control System (EAC) under this Section. The EAC system shall be tied into Frederick County Public Schools (FCPS) existing BASIS Access Control Software System. Through the hardware supplier, BEST shall furnish all labor, material and services necessary to install a complete EAC system. Note, regardless of door and frame material, the EAC system shall be included in the hardware supplier scope of work. No deviations will be allowed. Card Readers shall be provided where/if scheduled in Article 3.3 - Door Hardware Sets.
- B. Access Control System Equipment Requirements: Furnish the following equipment:
1. One (1) Intelligent System Controller / Network Device / Communication Cable & Enclosure # BAS-2220 x LS-MSS100-1 x HOC-ETHLAN.
 2. Minimum of five (5) Magnetic Card Access Reader BAS-2005W (Black) per school.
 3. Minimum of three (3) Dual Reader Interface Module BAS-1320 per school.
 4. Minimum of one (1) "UL" listed Power Supplies & Enclosure BAS-AL600ULM x ABT-12 per School.
 5. Wiring requirements are 18 gauge, 4 paired, (8 wire) twisted, shield, plenum rated "UL" listed. Note: Wire shall be provided and installed by BEST. The Electrical Contractor shall provide conduct as required, under Division 16.
- Note equipment shall be configured and engineered to suit overall system requirements above quantities may vary.
- C. Hardware Requirements and Door Application:
1. At exterior (double or single) doors requiring exit devices, furnish fail secure quiet electric latch retraction exit devices (QEL), power supply, and power transfer hinge (EPT-10). At non-egress (single) exterior door furnish cylindrical lockset with fail secure electric strike (6211). All electrified hardware shall be interfaced with the EAC system, and be connected to the emergency generator. Regardless of door and frame material, electrified hardware shall be included in the hardware supplier scope of work.

Example 1 Double doors to receive card reader will require:

2	EA	CONTINUOUS HINGE	224HD-EPT-CON
1	EA	POWER TRANSFER	EPT-10-CON
1	EA	MULLION	KR4954 X 154 STABILIZERS
1	EA	PANIC HARDWARE	CDSI XP99E0
1	EA	PANIC HARDWARE	SD QELXP99EO-CON

1	EA	RIM CYLINDER	1E72
3	EA	MORTISE CYLINDER	1E74
1	EA	DOOR PULL	VR910 DT
1	EA	DOOR PULL	VR910 NL
2	EA	SURFACE CLOSER	4040XP SCNS
1	EA	CARD READER	BAS-2005 W
2	EA	DOOR SWEEP	
1	EA	THRESHOLD	
1	EA	POWER SUPPLY	PS 906-4RL-BBK-KLC

Example 2 Single door to receive card reader will require:

1	EA	CONTINUOUS HINGE	224HD-EPT-CON
1	EA	POWER TRANSFER	EPT-10-CON
1	EA	PANIC HARDWARE	SD QELXP99 EO-CON
1	EA	RIM CYLINDER	1E72
1	EA	MORTISE CYLINDER	1E74
1	EA	DOOR PULL	VR910NL
1	EA	SURFACE CLOSER	4040XP SCNS
1	EA	DOOR SWEEP	
1	EA	THRESHOLD	
1	EA	POWER SUPPLY	PS904-4RL-BBK-KLC
1	EA	CARD READER	BAS 2005 W

D. Power and Network Requirements:

1. As necessary, the Electrical Contractor responsible for Division 16 shall provide switched 120V power, conduit and junction boxes at each card reader location and in the Server/Telecom room for EAC equipment. General Contractor shall be responsible for providing a network drop at the Server/Telecom room. FCPS shall provide a dedicated IP address to BEST before EAC system start up. EAC system consisting of card reader system and electrified hardware controlled by card access shall be tied into the emergency generator backup system. In addition, provide battery back up at Main Entrance door where/if scheduled in Article 3.3 – Door Hardware Sets. Prior to installation, coordinate final location of card readers and access control equipment with FCPS.

E. Owner Provided:

1. Magnetic swipe cards shall be furnished and programmed by FCPS.

F. Submittals:

1. In accordance with Division 1, submit shop drawings and catalog cuts for approval.

3.3 DOOR HARDWARE SETS

- A. Locksets, exit devices, and other hardware items are referenced in the following hardware sets for series, type, and function. Refer to the above specifications for special features, options, cylinders/keying, and other requirements.

B. Hardware Sets:

HARDWARE SET 01A

For use on door 101

1	EA	CONTINUOUS HINGE	112XY-EPT	628	IVE
1	EA	POWER TRANSFER	EPT10-CON	689	VON
1	EA	ELEC PANIC HARDWARE	QEL-98-EO-CON	626	VON
1	EA	PULL	VR910NL	630	IVE
1	EA	RIM CYLINDER	80-159	626	SCH
1	EA	PERMANENT CORE		626	BES
1	EA	SURFACE CLOSER	4040XP-EDA	689	LCN
1	EA	OVERHEAD STOP	100S-ADJ	630	GLY
1	EA	KICK PLATE	8400 10" X 1" LDW	630	IVE
3	EA	JAMB SEAL	429A	A	ZER
1	EA	RAIN DRIP	142AA	A	ZER
1	EA	DOOR SWEEP	8197AA	A	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	CREDENTIAL READER	9910NNNNEK2037P		HID
1	EA	DOOR CONTACT	679-05HM		SCE
1	EA	POWER SUPPLY	PS904-4R-KL		SCH

DOOR NORMALLY CLOSED AND LOCKED

FREE EGRESS AT ALL TIMES

ENTRY WITH VALID CREDENTIAL OR ACCESS CONTROL TIME ZONE

UPON LOSS OF POWER OR FIRE ALARM ACTIVATION DOOR REMAINS LOCKED

DOOR MONITORED

HARDWARE SET 01

For use on Door 101

1	EA	CONTINUOUS HINGE	112XY	628	IVE
1	EA	PANIC HARDWARE	LD-98-EO	626	VON
1	EA	SURFACE CLOSER	4040XP-EDA	689	LCN
1	EA	OVERHEAD STOP	100S-ADJ	630	GLY
1	EA	KICK PLATE	8400 10" X 1" LDW	630	IVE
3	EA	JAMB SEAL	429A	A	ZER
1	EA	RAIN DRIP	142AA	A	ZER
1	EA	DOOR SWEEP	8197AA	A	ZER
1	EA	THRESHOLD	566A	A	ZER
1	EA	DOOR CONTACT	679-05HM		SCE

DOOR NORMALLY CLOSED AND LOCKED

FREE EGRESS AT ALL TIMES

DOOR MONITORED

END OF SECTION

FREDERICK COUNTY PUBLIC SCHOOLS
PURCHASING DEPARTMENT
191 SOUTH EAST STREET
FREDERICK, MARYLAND 21701
Telephone #301-644-5208

BID 20C3, CARROLL MANOR ELEMENTARY SCHOOL WINDOW AND DOOR REPLACEMENT PHASE 2
PSCP #10.066.20

PREVAILING WAGE
REVISED FORM OF PROPOSAL

In compliance with the Invitation to Bid and Bid Documents, the undersigned proposes to furnish all labor, specified materials, and specified equipment and incidentals in accordance with the plans and specifications by BFM and Associates Architects for the following Lump Sum amounts:

I. Base Bid – Removal of temporary protective measures and Installation of new permanent wall assemblies as detailed on the construction documents including new windows, doors, hardware, walls, ceilings, casework, sinks, finishes, cabinet unit ventilators with controls and other MEP features as shown on the construction documents for classrooms 104, 105, 107, 109, 111, 113 & 140 (music).

New VCT flooring & base are included at abated flooring areas for classrooms 104, 105, 107, 109, 111, & 113. The Offeror acknowledges a 6-week installation duration will be included in the project schedule for the above Base Bid work with an approximate start date of July 2, 2020, and a substantial completion date of August 14, 2020 for the above listed classrooms including room 140, music. Additional rooms receiving work as Base Bid include 145 (kitchen), 157, 158 & 159 (work/other rooms) – these 4 additional rooms must be substantially complete by August 21, 2020.

II.

(\$ _____) _____
Numeric Written in Words

III. Alternates: You are required to bid on all alternates listed below. If selection of the alternate does not add cost, enter “(zero)” \$0 on the lines. “Not applicable”, “N/A”, “No Cost”, “NC”, shall not be used. Lines left blank or inappropriate notation shall be interpreted as zero dollars.

Prices for each alternate must include the cost of performance and payment bonds for said alternate.

1. Alternate No. 1 to the Base Bid – Contractor Demo of existing and Installation of new permanent window/wall assemblies as detailed on the construction documents including temporary envelope protection, new windows, doors, shades, ceiling transitions to new, door hardware, walls, CUV/MEP improvements and finishes for classrooms 102, and 103. These rooms do not have ACM based on the 1992 construction vintage. The current flooring/base in these rooms will be removed & replaced by the contractor. The contractor acknowledges this work can begin as early as June 24, 2020 and will complete prior to August 14, 2020.

(\$ _____) _____
Numeric Written in Words

2. Alternate No. 2 to the Base Bid- Contractor Demo of existing and Installation of new permanent window/wall assemblies as detailed on the construction documents including temporary envelope protection, new windows, doors, shades, ceiling transitions to new, door hardware, walls, CUV/MEP improvements and finishes for classrooms 101 (prekindergarten) & 164 storage. These rooms do not have ACM based on the 1992 construction vintage. The current flooring/base in room 101 will be removed & replaced by the contractor. Door 101 shall receive non-electrified hardware as described in the schedule. The contractor acknowledges this work can begin as early as June 24, 2020 and will complete prior to August 14, 2020.

(\$ _____) _____
Numeric Written in Words

3. Alternate No. 3 to the Base Bid – Provision of additional BAS points per the Alternate schedule as shown on page ME 4.1, and as described elsewhere in the project documents.

(\$ _____) _____
Numeric Written in Words

4. Alternate No. 4 to the Base Bid – Provision of additional casework detail 8, as depicted on page A1.1, at the 11 classroom locations shown on page A1.0.

(\$ _____) _____
Numeric Written in Words

5. Alternate No. 5 to the Base Bid – Contractor Demo of existing and Installation of new permanent window/wall assemblies as detailed on the construction documents including temporary envelope protection, new windows, doors, shades, ceiling transitions to new, door hardware, walls, CUV/MEP improvements and finishes for classrooms 101 (prekindergarten) & 164 storage. These rooms do not have ACM based on the 1992 construction vintage. The current flooring/base in room 101 will be removed & replaced by the contractor. Door 101 shall receive electrified hardware per the schedule, a card swipe & interface to the existing access control system in the building. The contractor acknowledges this work can begin as early as June 24, 2020 and will complete prior to August 14, 2020.

(\$ _____) _____
Numeric Written in Words

- IV. I/We certify that this bid/proposal is made without previous understanding, agreement, or connection with any person, firm, or corporation submitting a bid/proposal for the same goods/services and is, in all respects fair and without collusion or fraud; that none of this company's officers, directors, partners or its employees have been convicted of bribery, attempted bribery, or conspiracy to bribe under the laws of any state or federal government; and that no member of the Board of Education of Frederick County, Administrative or Supervisory Personnel or other employees of the Frederick County Public Schools, has any interest in the bidding company except as follows:

COMPANY: _____

dba: _____

REGISTERED MARYLAND CONTRACTOR NUMBER: _____

FEDERAL IDENTIFICATION: _____ DATE: _____

The undersigned has familiarized themselves with the conditions affecting the work, the specifications, and is legally authorized to make this proposal on behalf of the Contractor listed above.

NAME (please print): _____

SIGNATURE OF ABOVE: _____

TITLE: _____

ADDRESS: _____

TELEPHONE _____ FAX # _____ #

E-MAIL ADDRESS (for correspondence):

E-MAIL ADDRESS (for receiving Purchase Orders): _____

(DO NOT COMPLETE THIS AREA IF YOUR COMPANY IS UNABLE TO RECEIVE PURCHASE ORDERS ELECTRONICALLY)

.....

ACKNOWLEDGMENT OF ADDENDA (if applicable)

The above-signed company/firm acknowledges the receipt of the following addenda for the above-referenced solicitation. Date Received by Proposer/Bidder:

Addendum #1 _____

Addendum #2 _____

Addendum #3 _____

Addendum #4 _____

Addendum #5 _____

Addendum #6 _____

END OF PROPOSAL FORM

Revised: 02.10.2020

Pre-Bid Meeting Notes 02.05.2020 - Bid 20C3, Carroll Manor Elementary School Window and Door Replacement – Phase II

The intent of this solicitation is to establish a contract for all labor, materials, equipment, and services necessary for the replacement of the remaining 1965 original windows, exterior doors, curtain walls, and cabinet unit ventilators for seven classrooms and seven support spaces at Carroll Manor Elementary School.

Bids shall be in a sealed envelope and marked Bid 19C10, Carroll Manor Elementary School Window and Door Replacement – Phase I and must be received in the Main Lobby of the FCPS building located at 191 South East Street **prior to and time stamped no later than 11:00 a.m. on February 25, 2020.**

Tentative Board Award: March 25, 2020

Contract Manager: Kim Miskell, CSBO, Assistant Purchasing Manager, kim.miskell@fcps.org
Contract Administrator: Vernon Beals, Project Manager III, Construction Management, vernon.beals@fcps.org

For information pertinent to the bidding process, the attention of all contractors, subcontractors and material supply bidders are directed to the:

- Invitation to Bid (Page 3)
- Instruction to Bidders (AIA Document A701) (Pages 15 -22)
- Supplemental Instructions to Bidders (Supplement to AIA A701) (Pages 23 - 34)
- Proposal Form and Signature Page (Page 35 - 36)
- General Conditions and Supplementary Conditions of the Contract (Pages 72 - 176)

Certified Minority Business Enterprises are encouraged to respond to this solicitation notice. The contractor or supplier who provides materials, supplies, equipment and/or services for this construction project shall attempt to achieve the specific overall MBE goal **6%** established for this project. All prime contractors, including certified MBE firms, when submitting bids or proposals as general or prime contractors, are required to attempt to achieve this goal from certified MBE firms.

In the event of inclement weather on the date when the bids are scheduled to be opened and the FCPS administrative offices are closed, bids will be opened on the next business day at the same time as previously scheduled. Often when schools are closed the administrative offices are open – when in doubt please call the purchasing department.

Please make sure that your bid submission includes the following:

- All applicable areas of the bid form of proposal are filled in carefully, completely and signed.
- Acknowledge the receipt of each and every Addendum on the Bid Form of Proposal.
- Submit one (1) original and one (1) copy of Bid Form of Proposal.
- Base bid and alternate bid prices must be submitted as a numeric value and must be written in words.
- Bid bond or cashier's check for 5% of the total bid amount is included.
- Properly completed Statutory Affidavit and Non-Collusion Certification Form.
- Certificate of Compliance Form completed and signed.
- Vendor Conflict of Interest Disclosure Form completed and signed.

Should any bidder find discrepancies in, or omissions from, the drawings and other contract documents need to request clarification in writing. All necessary interpretations will be issued to all bidders in the form of addenda.

Directed to: Contract Manager: Kim Miskell, CSBO, Assistant Purchasing Manager, kim.miskell@fcps.org
Contract Administrator: Vernon Beals, Project Manager III, Construction Management, vernon.beals@fcps.org

No written requests received within seven (7) calendar days prior to the bid due date will be considered and no addenda will be issued later than four (4) calendar days prior to the bid opening date. (02/12/2020 – 4:00 p.m. Questions Due)

Laws and Regulations:

The vendor will comply with all Federal, State, and local laws, ordinances and regulations pertaining to work under their charge. If the vendor performs any work which it knows or should know to be contrary to such laws, ordinance, and regulations and without such notices to FCPS they shall bear all costs arising therefrom.

American Steel Act:

The vendor will comply with the provisions of Sections 17-301 through 17-306 of the State Finance and Procurement Article of the Annotated Code of Maryland, as amended entitled "Steel Procurement for Public Works." The vendor's affidavit of compliance with these provisions may be required before payment can be made.

All vendors and subcontractors must abide by the Board of Education of Frederick County policies and FCPS regulations while working on school property.

It is the contractor's responsibility to ensure that no individuals who are registered sex offenders are working on this project. This also applies to subcontractors and materials/equipment supplies as well. For projects lasting longer than a few months, the contractor shall periodically re-check the names of workers against the Maryland Sex Offender's Registry to ensure ongoing compliance.

Pre-Bid Meeting Notes 02.05.2020 - Bid 20C3, Carroll Manor Elementary School Window and Door Replacement – Phase II

Additionally, individuals that have been convicted of a crime of violence under §3-307 and §3-308 of the Criminal Law Article are not eligible to work on any FCPS project.

The use of tobacco and alcohol beverages in any form is prohibited on FCPS property at all times, all year.

No person shall carry or possess any rifle, gun, knife, or deadly weapon of any kind on FCPS property.

Liquidated Damages will be assessed at \$577.00 per day for each calendar day required to achieve substantial completion beyond the substantial completion dated authorized by the contract.

It is anticipated that construction will commence on or around the following:

Base Bid:	July 2, 2020
Alternates 1, 2, 3, & 4:	June 24, 2020

Substantial completion shall be achieved by the following dates:

Base Bid (Classrooms 104, 105, 107, 109, 111, 113 & 140)	August 14, 2020
Base Bid (Classrooms 145, 157, 158 & 159)	August 21, 2020
Alternates 1, 2,, 3, & 4	August 14, 2020

Frederick County Public Schools
Purchasing Department
PRE-BID MEETING ATTENDANCE ROSTER

BID 20C3, CARROLL MANOR ELEM. SCHOOL WINDOWS AND DOORS REPLACEMENT - PHASE II

MEETING DATE/TIME: 10:00 A.M., WED., FEB 5, 2020 @ CMES., 5624 Adamstown Rd., Adamstown, MD 21710

NAME (PLEASE PRINT)	FIRM REPRESENTED (PLEASE PRINT)	PHONE NUMBER	FAX NUMBER	E-MAIL ADDRESS
TOM KRENITSKY	Co. Name: GRC GEN. CONT. Address: 3289 WAYNECASTLE RD. ZULLINGER PA 17272	717.762.1116	717.762-6582	tom@grcgc.com brock@grcgc.com
PRADEEP ARASU	Co. Name: SNG Engineering Inc. Address: 344 Main Street Suite 200 Gaithersburg, MD 20878	301.548. 0055	301.548. 1840	srgupta@sngeng.com
ILIANA LERMAN	Co. Name: KELLER Brothers Address: 1012 RISING RIDGE Rd. MT AIRY, MD 21771	240.549.9093 301.607.9300		smouradian@ kellerbrothers.com
JOHN GRIFFIN	Co. Name: JET TRASH REMOVAL, INC Address: P.O. Box 438 FUNKSBURG, MD 21048	443.723.9109		jgriffin@jandjtrash.com
Brennen Calhoun	Co. Name: Green Energy LLC Address: 8181 Professional Pl Suite 117 Landover MD 20785	301-973- 1773		calhoun@greenenergyllc.com w@gmail.com
Don Smith	Co. Name: BFM Address: 473 North Potomac & Hagerstown	301-733-5608		Dsmith@BFArchitects.com
Vernon Beals	Co. Name: FCPS Address:	240 674 1043		vernon.beals@fcps.org
Kim Miskell	Co. Name: FCPS Address:	301-644-5208		kim.miskell@fcps.org
Terry Anthon	Co. Name: Innovative Const. & Eng Address: 16527 Hutchison Rd ODESSA FL 33553	408 975 9471		tarry@ice-build.com
	Co. Name: Address:			
	Co. Name: Address:			