



# Prince William County

**PUBLIC SCHOOLS**

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## ADDENDUM

**ADDENDUM # 3**

**DATE: April 28, 2009**

**REFERENCE:** Invitation for Bid: S-BB-9607  
IFB Issue Date: April 8, 2009  
Title & Location: Godwin Middle School Renewal,  
State Project #75-64E,  
14800 Darbydale Ave., Woodbridge, VA 22193  
Architect/Engineer: Architecture, Inc.  
Sealed Bid Due Date: May 7, 2009 @ 3:00 p.m.

**THE FOLLOWING CHANGES, ADDITIONS, DELETIONS AND CLARIFICATIONS ARE HEREBY MADE PART OF THE BIDDING REQUIREMENTS AND CONTRACT DOCUMENTS FOR THE ABOVE REFERENCED PROJECT AND SHALL BE TAKEN INTO ACCOUNT IN THE PREPARATION OF ALL BIDS AND THE EXECUTION OF ALL WORK. BIDDERS SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE APPROPRIATE SPACE ON THE BID FORM.**

- A. Davis-Bacon Act and Related Acts:  
Any laborers and mechanics employed by contractors, subcontractors or subcontractor of subcontractors working on the Renewal of Godwin Middle School in whole or in part must be paid in accordance with the prevailing wage requirements as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40 of the United States Code (commonly called "Davis-Bacon and Related Acts")

The successful contract recipient must comply with "Buy American" Section 1605 (use of America/Iron, Steel and Manufactured Goods) Preferred from the Guidance on the State Fiscal Stabilization Fund Program posted April 1, 2009, by the U.S. Department of Education

- B. Specifications:
1. Section 00004: Add entire section. See attached specification.
  2. Section 07510: Delete in its entirety.
  3. Section 07528: Add entire section. See attached specification.
  4. Section 08520: Add entire section. See attached specification.
  5. Section 09680:
    - 2.1, A, 1: Revise to read, "The design basis is C&A Floor coverings, Explorer Powerbond

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ER3 RS Vinyl Cushion.....”

2.1, A, 2: Revise to read, “Carpet Type: C&A Floor coverings, Explorer Powerbond ER3 RS Vinyl Cushion.....”

2.1, A, 2: Revise Backing Construction to read:

- Primary Backing: Synthetic Non-Woven
- Secondary Backing: Powerbond ER3 RS closed cell vinyl cushion

**a.** BACKING CHARACTERISTICS

1. Thermoplastic vinyl composite with recycled content.
2. Primary Backing: Synthetic Woven or Non-Woven.
3. Pre-Coat (Fusion Coat): Sealant Vinyl
4. Secondary Backing: Closed-Cell, ER3C10 RS Vinyl Cushion backing system.
  - i. Density (ASTM D-1667): 18.5 lbs/cu ft +/- 5%
  - ii. Compression Set (ASTM D-1667): Max 10%
  - iii. Compression Deflection (ASTM D-1667): Min. 7 psi @ 25%; Max. 25 psi @ 25%
  - iv. Impermeable to moisture and airflow
  - v. Provide for a chemically welded seam that is also impermeable to moisture and airflow
  - vi. 6' Width Roll Goods
  - vii. 98% recycled content backing with overall recycled content minimum 30%. Overall recycled content will include a minimum of 10% post consumer.
  - viii. Certified as Environmentally Preferable Product (EPP) by SCS Certification Systems.
  - ix. Meets NSF - 140 Sustainable Carpet Assessment Standards (SCAS) at the gold level.

- Density (ASTM D 1667) 18.5 lbs/cu ft+-5%
- Compression Set (ASTM D 1667) Max 10%
- Compression Deflection (ASTM D 1667) Min. 7 psi @ 25% Max. 25 psi @ 25%
- Impermeable to moisture and airflow
- Provide for a welded seam that is also impermeable to moisture and airflow

6. Section 10811:

2.02, A: Revise model to be: DXM5-974

2.02, C: Revise power requirements to be: 115 volt, 20 amp., 60 Hz.

7. Section 15440: 2.03, A. Toto (Bases of design) approved equals:

- B. Sloan
- C. Zurn

8. Section 15440: 2.07, Fixtures, A, P-1, P-2, P-3 and P-4.

1. Water Closet (P-1) – Toto Model # TMT1HNC 1.6 GPF top spud flush valve.
2. Water Closet (P-2) (Accessible) – Toto model TMT1HNC 1.6 GPF operated top spud valve.
3. Urinal (P-3) – Toto model #TMUI1TNC Flush valve.

9. Section 15980: Replace entire section. See attached specification.

10. Section 15990: Add section 3.05, 3.06 and 3.13. See attached specification additions.

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11. Section 16010: 1.10 Contractors Warranty, A. Change warranty period from 2 year to 1 year.
12. Section 16010: 3.11 Guarantee, A. Change guarantee from 2 year to 1 year.
13. Section 16110: 2.01 Conduits, A. Change minimum conduit size from ½” to ¾”.
14. Section 16110: 2.01 Conduits, C. Add, “EMT shall be Allied “True Color EMT” or approved equal. Paint shall be factory applied and continuous the full length of the conduit. The following color scheme shall be used for all conduits, branch and feeders:
  - Blue – 208/120 volt, Orange – 480/277 volt, White – emergency (regardless of voltage), Green – Security Intrusion System, Red – Fire Alarm
15. Section 16110: 2.02 Fittings, B. Add, All conduit connectors shall be insulated throat or “Crouse Hinds Space Saver” connectors.
16. Section 16120: 2.02, Metal Clad Cable, A. Add, “MC Cable shall have outer jacket voltage identification system. All connectors used on MC Cable shall be “T & B Tite Bite”
17. Section 16130: Add 2.06 OCCUPANCY SENSORS (for control of lighting)
  - A. Equipment shall be Wattstopper DT-300 (ceiling mount sensor), DT-200 (wall mount sensor) and BZ-100 power pack, or approved equal.
  - B. Power pack and all cabling shall be plenum rated.
  - C. Sensors mounted in abusive areas such as cafeterias, gyms, activity rooms, locker rooms and construction/auto shops shall have wiregaurds, Wattstopper WC series.
  - D. Sensors shall have LED occupancy detection indicator, adjustable sensitivity and time delay range of 5 to 30 minutes.
  - E. Sensors shall be “Dual Technology”, infrared/ultrasonic.
  - F. Sensors on suspended ceilings shall be mounted on a 4” octagon junction box supported by a caddy bar attached to the ceiling grid. Wall mounted units shall have a swivel bracket mounted to a wall box.
  - G. Sensors shall contain an isolated set of contacts rated for 1 amp @ 30v for interconnection of BAS system. The div 16 contractor shall pre-wire and identify a 3 conductor 18awg stranded cable to these contacts (com/NO/NC) and leave a 10’ coil for connection by the Div 15 BAS contractor. In some rooms, depending on the HVAC control system, this connection by the BAS contractor may not be needed. Div 16 contractor shall coordinate.
  - H. Provide 10 of each sensor for spares.
  - I. Occupancy sensors quantify by area has more than 2 lighting fixtures:
    1. Area “A”: (7) ceiling mounted  
(8) wall mounted
    2. Area “B”: (7) ceiling mounted  
(17) wall mounted
    3. Area “C” (18) ceiling mounted  
(16) wall mounted
    4. Area “D” (36) ceiling mounted  
(9) wall mounted
    5. Area “B” Mezzanine (1) wall mounted.
    6. Corridors (16) ceiling mounted.
18. Section 16140: 3.01 Execution, add “D. For devices fished in existing masonry walls, the CMU face shall be removed, a full size device box installed and a new CMU face re-installed. Old work boxes with ears and/or Madison straps will not be permitted.”

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19. Section 16150: 3.01 Installation, B. Delete entirely and add “ All junction boxes shall have their covers legibly identified with sharpie marker, with panel name fed from, circuit number(s), voltage, and equipment supplied”
20. Section 16150: 3.01 Installation, D. Delete entirely.
21. Section 16160: 2.02 Spare Fuse cabinet, A. Delete entirely.
22. Section 16160: 3.01 Installation, A. Delete entirely.
23. Section 16435: 2.01 O. Trim 2. b. Delete the sentence “Directory frame and card, having a transparent cover, shall be furnished the inside of on each door” and replace with “Directory frame shall be metal and include a transparent cover over the directory card.” Add at the end after assignment, “name of panel, voltage, amperage, and where fed from.”
24. Section 16435: 2.01 O. Trim, 4. Delete entirely and replace with “Trims shall be hinged cover allowing access to the interior without completely removing the cover.”
25. Section 16435: 2.02 add “J. Circuit breakers shall be arranged in the panel matching the schedules on the contract drawings (user placement/specific breaker arrangement). Panelboard submittals shall reflect this.”
26. Section 16450: 2.01 Materials and components, B. change “...150 degrees C., with Class 1 insulation...” to “...115 degrees C., with 220 degrees C. class insulation...”
27. Section 16450: 2.01 Materials and Components, C. add sentences at end, “Coil material shall be copper. Transformers shall have a minimum K13 rating and include an electrostatic shield.”
28. Section 16450: 2.01 Materials and components, D. add sentence at end, “Transformore by GE is not acceptable”
29. Section 16510: 3.01 Installation, B. add sentence at end, “Fixtures shall also be attached to the ceiling grid at all 4 corners with screws.”

C. Drawings:

1. Sheet PH1.1: See attached sketch SK-1.
  - A. Add “A” and “B” designations to pairs of rooms in Phasing Schedule.
2. Sheet A0.1:
  - A. Revise Demolition Keyed Note #69 to read:” in area of walkway and concrete wall, remove all top soil and deleterious material. Store top soil for final grading. Remove earth as required for installation of walkway and concrete wall.”
3. Sheet A2.2: See attached sketch SK-4
  - A. Add aluminum window elevation “A”.
4. Sheet A6.1:
  - A. Enlarged F & C S Classrooms Plan, in F&CS (507), revise new work note #9 to be new work note #11, in F&CS (509), revise 3 new work notes #9 to be new work notes #11.
5. Sheet A8.2:
  - A. Add note indicating a bead of sealant between the existing floor and the new 6” base tile.

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6. Sheet F2.1:
  - A. Revise the finish schedule to show impact resistant acoustic tile ceilings to be installed in the following rooms: 100, 110, 200, 218, 300, 400, 500, 700, 708 and 713.
7. Sheet F2.2:
  - A. Revise the finish schedule for rooms 801 through 829, 836 and 837. See attached sketch SK-2.
  - B. Revise the finish schedule to show impact resistant acoustic tile ceilings to be installed in the following rooms: 800, 824, 900, 919 and 931.
8. Sheet M1.4:
  - A. PRV #19 in room F & C S (507): Revise fan number to PRV-20.
9. Sheet M3.1: See attached sketch SKM-1.
  - A. Fan Schedule:
    1. Unit number column: Add EF-20 to EF-19.
    2. Control column: Delete wall thermostat and add:
      - a. Interlock EF-19 with the kiln circuit to energize when the kiln is activated.
      - b. Add note (4): EF numbers correspond to PRV numbers on drawing M1.4.
10. Sheet ED1.1 thru ED1.5: Demolition general notes #2 – Delete words “or not”.
11. Sheet ED1.4: Change panel – LLA to Panel – L2A in room 506.
12. Sheet ED1.6: See attached sketch SKE-1.
  - A. Revised riser diagram and keyed notes.
13. Sheet E1.2: The note in box shall be Note #6.
14. Sheet E1.3:
  - A. The note in box shall be Note #6.
  - B. Change panel – L1 to panel – LJ in stage / class room 110.
15. Sheet E1.4: Delete Note #6.
16. Sheet E2.1: Change panel – LP to panel – LC.
17. Sheet E2.3: See attached sketch SKE-2.
  - A. Revised hand dryer circuits.
18. Sheet E2.4: See attached sketch SKE-3 and SKE-4.
  - A. Revise circuit numbers.
  - B. Revise hand dryer circuits.
  - C. Add PRV-20 circuit.
19. Sheet E2.6: Change Note 13, panel – LB to panel – LP.
20. Sheet E6.1: Delete transformer monitoring detail.
21. Sheet E6.2: See attached sketch SKE-5, SKE-6 and SKE-7.
  - A. Revised riser diagram and keyed notes.

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- 22 Sheet E6.3: Revised switchboard schedule and detail.
- 23 Sheet E7.1: See attached sketch SKE-8, SKE-9, SKE-10 and SKE-11
  - A. Add panel LE, LC, LF and LJ schedules.
- 24 Sheet E7.2: See attached sketch SKE-12,
  - A. Revised panel – LDP schedule.
  - B. Revised panel – LH1 schedule.
- 25 Sheet E7.3: See attached sketch SKE-13, SKE-14, SKE-15, SKE-16, SKE-17, SKE-18 and SKE-19.
  - A. Revised panel - LK schedule.
  - B. Revised panel – LL schedule.
  - C. Revised panel – LL2 schedule.
  - D. Revised panel – LK1 schedule.
  - E. Add panel – LN, LO and LDA schedules.

D. Clarifications:

- 1. Dashed lines shown in Stage/classroom 110 are existing overhead curtain tracks, which are existing to remain.
- 2. General New Work Note #17 indicates requirement for the Contractor to provide a 200 amp temporary electrical service with breaker panel and outlets for the use of the Owner's Abatement Contractor.
- 3. Below is a list of companies which can clean and treat stage curtains. Other companies may also be used. Specialty Drapery Cleaners 1-804-264-3700 and Custom Stage Curtain Fabricators 1-800-817-1204.
- 4. Contractors are responsible for taking off quantity counts from the drawings. New work notes 23 and 24 are referenced in rooms Vault 218, Storage 219 and Closet 226. These notes may also be referenced in other locations.
- 5. There are no sanitary napkin dispensers or receptacles.
- 6. For Staging Area location, fencing and restoration of area, see attached sketch SK-3.
- 7. See attached Mandatory Pre-Bid Meeting Minutes.
- 8. The Contractor shall be responsible for coordinating the receiving, unloading, storage and installation of the Owner purchased switchboard. The Owner will notify the Contractor in writing, 48 hours in advance of delivery. The Contractor shall also be responsible for coordinating the start-up services with the Manufacturer at 1-888-SQUARED, prior to energization. Square D must be contacted 2 weeks prior to start-up date. Reference Quote # Q2C25815083. See attached switchboard information sheets.
- 9. The dashed lines in closets 306, 525, 726, 805, 809 and 820 are existing shelf and rod to remain.
- 10. There are no millwork shelves in an of the Janitor's Closets.

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11. In addendum #2, the revised sheet A1.6 was mis-marked as addendum #1.
  12. See new work keyed notes for indication of locations of fire extinguisher mounting blocks. Fire extinguisher cabinets are note included in this project.
  13. New ceramic tile wainscot overlay does not run behind the new lockers. The tile shall terminate at the edge of the locker.
  14. The corridor ceilings are being removed and replaced with acoustic tile ceilings.
- E. Alternate Manufacturer's:
1. Newline Products, Inc., (972) 881-3318 is an acceptable manufacturer of Visual Display Boards.
  2. CampbellRhea casework is an acceptable manufacturer of Wood Laboratory Casework.
  3. Paragon Casework, Chantilly, VA is an acceptable manufacturer of Wood Laboratory Casework.

End of Addendum # 3

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