

THE PENNSYLVANIA STATE UNIVERSITY  
Harrisburg  
Library-Window Repairs/Replacement

PSU PROJECT NO. 00-08549.00

DGS NO. 800-311

**ADDENDUM NO. 1**

March 21, 2024

TO ALL BIDDERS

The Contents of this Addendum alter and amend the original drawings and specifications and take precedence over the related items therein.

**GENERAL**

- A. The bid due date has been revised to April 4, 2024.
- B. The last day for contractor questions is March 26, 2024.
- C. This grass seed mixture should be used on campus: Seedway Lawn & Turf, Tall Star Blend Seed, Local Contact - Matt Strong (570)854-4650.

**SPECIFICATIONS**

SECTION G – BASIS OF BIDS

- A. REPLACE this section in its entirety.
- B. ADD Paragraph G-09 to read as follows:
  - G-09 Basis Of Bid For Unit Price No. 4
    - A. Unit Price No. 4, Unit Price for fungicidal treatment of staining from minor microbial growth. Unit of Measurement: Square Foot. – ADDENDUM NO. 1

SECTION 084113 ALUMINUM-FRAME ENTRANCES AND STOREFRONTS

- A. REPLACE this section in its entirety.
- B. REVISE Paragraph 1.8 to read as follows:
  - A. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation. Mockup to be installed at location indicated on drawing of window frame system type AB.
    - 1. Mockup shall be a component of the comprehensive mockup specified in Division 4 Section "Unit Masonry (Assemblies)".
  - B. Contractor to perform on site water test of finalized mockup window unit in accordance with AAMA 501.1-17 Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure.
- C. REVISE Paragraph 2.4.A to read as follows:
  - A. Doors: Basis of Design Products; YKK AP America, Inc. – 50T Wide Stile Door (thermally broken doors), and 50D Wide Stile Door (non-thermally broken). As scheduled, thermally broken doors shall be used at all exterior locations. Non-thermally broken doors shall be used at all interior locations.
- D. ADD Paragraph 2.5 Flush Door Systems in its entirety.

SECTION 084413 GLAZED ALUMINUM CURTAIN WALLS

- A. REPLACE this section in its entirety.
- B. ADD Paragraph 1.10 to read as follows:
  - 1.10 MOCKUPS
    - A. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation. **Mockup to be installed at location indicated on drawing of window frame system type AB.**
      - 1 Mockup shall be a component of the comprehensive mockup specified in Division 4 Section "Unit Masonry (Assemblies)".
    - B. **Contractor to perform on site water test of finalized mockup window unit in accordance with AAMA 501.1-17 Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure.**
- C. ADD Paragraph 2.1.D.2 to read as follows:
  - 2. **Thermally broken 2-1/2" x 6" curtain wall – YCW 750 OG.**
    - a. **Contractor, through the delegated design process, shall engineer all curtainwall framing systems and include internal steel reinforcing as required to meet specified design loads.**

#### SECTION 088000 GLAZING

- A. DELETE Paragraph 2.4 in its entirety.
- B. DELETE Paragraph 2.3.A.3 in its entirety.

#### SECTION 099123 PAINTING

- A. ADD this section in its entirety.

#### DRAWINGS

##### SHEET NO. CS.1 – COVERSHEET

- A. REPLACE this sheet in its entirety.
- B. REVISE Base Bid Package and Unit Price descriptions.

##### SHEET NO. D1.1 – FIRST FLOOR DEMOLITION PLAN

- A. REPLACE this sheet in its entirety.
- B. REVISE note 1A to read as follows:  
'REMOVE EXISTING EXTERIOR MASONRY VENEER IN A SAWTOOTH PATTERN TO +/- 1'-4" FROM WINDOW JAMB, REMOVE EXISTING MASONRY SILL AND HEAD AS REQUIRED FOR INSTALLATION OF NEW FLASHING. SALVAGE EXISTING MASONRY VENEER FOR REINSTALLATION. SAWCUT AND REMOVE INTERIOR GYPSUM WALLBOARD TO 1'-0" FROM WINDOW, JAMB ON INTERIOR SIDE OF WALL. PATCH AND PREPARE ADJACENT WALL, FLOOR & CEILING SURFACES FOR NEW CONSTRUCTION/FINISHES AS SCHEDULED. SEE DETAILS.'
- C. REVISE note 7A to read as follows:  
'REMOVE, PROTECT AND STORE, AND REINSTALL EXISTING WINDOW SHADES UPON COMPLETION OF WINDOW INSTALLATION. MODIFY EXISTING WINDOW STOOLS AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND REPAIR AS REQUIRED TO RETURN TO EXISTING CONDITIONS. PROTECT ALL EXISTING PERIMETER HEATING DEVICES THROUGHOUT CONSTRUCTION AS WELL AS ALL ADJACENT WALL AND CEILING MOUNTED DEVICES.'

##### SHEET NO. A1.1 – OVERALL FIRST FLOOR PLAN

- A. REPLACE this sheet in its entirety.
- B. ADD demarcation point for North vs. South facing type AB windows.
- C. ADD painting extents to floor plan.
- D. REVISE General Notes and General Notes Wall Types.
- E. REVISE Base Bid Legend.

#### SHEET NO. A1.2 – OVERALL SECOND FLOOR PLAN

- A. REPLACE this sheet in its entirety.
- B. ADD demarcation point for North vs. South facing type AB windows.
- C. ADD painting extents to floor plan.
- D. ADD General Notes and General Notes Wall Types.
- E. REVISE Base Bid Legend.

#### SHEET NO. A1.3 – OVERALL THIRD FLOOR PLAN

- A. REPLACE this sheet in its entirety.
- B. ADD demarcation point for North vs. South facing type AB windows.
- C. ADD painting extents to floor plan.
- D. ADD General Notes and General Notes Wall Types.
- E. REVISE Base Bid Legend.

#### SHEET NO. A6.2 – ALUMINUM CURTAIN WALL ELEVATIONS

- A. REPLACE this sheet in its entirety.
- B. REVISE frame A5 to include reinforcement channels.
- C. ADD the following note to frames A4 and A5: '10" frame"'.
- D. ADD channel reinforcement to frame A5 as shown on revised drawing.

#### SHEET NO. A6.3 – ALUMINUM STOREFRONT DETAILS

- A. REPLACE this sheet in its entirety.
- B. CLARIFICATION – All wood blocking called out on details as wood blocking is to be new. Any existing to remain blocking is designated with an existing wall construction note.
- C. CLARIFICATION – Wood blocking is not required to be fire treated.
- D. CLARIFICATION – All steel lintels shown are existing to remain, unless noted otherwise.
- E. REVISE ALUMINUM STOREFRONT DETAIL NOTE 2.
- F. ADD ALUMINUM STOREFRONT DETAIL NOTE 3.

#### SHEET NO. A6.4 – ALUMINUM CURTAIN WALL DETAILS

- A. REPLACE this sheet in its entirety.
- B. CLARIFICATION – All wood blocking called out on details as wood blocking is to be new. Any existing to remain blocking is designated with an existing wall construction note.
- C. CLARIFICATION – Wood blocking is not required to be fire treated.
- D. CLARIFICATION – All steel lintels shown are existing to remain, unless noted otherwise.
- E. REVISE ALUMINUM STOREFRONT DETAIL NOTE 2.
- F. ADD ALUMINUM STOREFRONT DETAIL NOTE 3.

The inclusion of this Addendum shall be acknowledged upon submission of the Contractor's Bid via e-Builder. By submission of a Bid, Bidder agrees to full acceptance of the provisions herein. All other provisions of these Specifications, Drawings, and Contract Documents shall remain unchanged and in full effect.

This Addendum shall be attached to and become part of the Specifications for the above Contract.

Attachments:

SECTION G – BASIS OF BIDS

SECTION 084113 ALUMINUM-FRAME ENTRANCES AND STOREFRONTS

SECTION 084413 GLAZED ALUMINUM CURTAIN WALLS

SECTION 088000 GLAZING  
SECTION 099123 PAINTING

SHEET NO. CS.1 – COVERSHEET  
SHEET NO. D1.1 – FIRST FLOOR DEMOLITION PLAN  
SHEET NO. A1.1 – OVERALL FIRST FLOOR PLAN  
SHEET NO. A1.2 – OVERALL SECOND FLOOR PLAN  
SHEET NO. A1.3 – OVERALL THIRD FLOOR PLAN  
SHEET NO. A6.2 – ALUMINUM CURTAIN WALL ELEVATIONS  
SHEET NO. A6.3 – ALUMINUM STOREFRONT DETAILS  
SHEET NO. A6.4 – ALUMINUM CURTAIN WALL DETAILS

**END OF ADDENDUM NO. 1**

**CONTRACTOR QUESTIONS:**

- 1 Q: Where would I find the DBE EXHIBIT A form required in the response tabs.  
A: It was added to the bid package in e-Builder.
- 2 Q: Confirming that no specific bid bond form is specified.  
A: Correct
- 3 Q: Is there an anticipated or requested mobilization date for work?  
A: No, mobilization should be coordinated with your selective demo and availability of the new windows.
- 4 Q: Unit Price #2 on the cover sheet in the plans (fungicidal treatment) does not show on the bid form in E-Builder. Has this unit price been deleted from the project?  
A: See Addendum No. 1
- 5 Q: I've had one of my aluminum contractors state that they don't believe the completion of the project is attainable by August 9, 2024. The material will be a long lead due to the color, thermal doors and curtain wall products. This is just a statement for discussion.  
A: N/A
- 6 Q: Regarding window elevation AC, what base bid does this window fall under since it spans all 3 floors?  
A: See Addendum No. 1
- 7 Q: The aluminum storefront nor the curtainwall spec sections note anything about the flush panel aluminum door. Also, who is the manufacturer of these flush panel doors? Please clarify.  
A: See Addendum No. 1
- 8 The curtainwall spec section does not note the 6" deep curtainwall shown on the drawings, please clarify.
- 9 Q: "The aluminum storefront nor the curtainwall spec sections note anything about the flush panel aluminum doors.  
Can you please RFI who is the manufacturer of these flush panel doors?"  
A: See Addendum No. 1
- 10 Q: The curtainwall spec section does not note the 6" deep curtainwall. Is 6" what is required?  
A: See Addendum No. 1

- 11 Q: "Per the glass spec section - North and East facing elevations will get SolarBan 60 & South and West get SolarBan 70XL. My question is - since the AB Curtainwall framing is on both the North and West Elevations of the building - which of these frames get SB60 and which get SB70? "
- A: See Addendum No. 1
- 12 Q: General Conditions / 10.7 - indicates testing by Owner unless indicated otherwise by the contract documents. Please clarify exactly what testing is by Owner and what is by the General Contractor, or confirm ALL testing is by the Owner.
- A: Refer to technical specifications for testing requirements specific for each section.
- 13 Q: Drawing A1.1 / General Notes - do not appear to pertain to this project. Please clarify the intent of these notes, or delete them.
- A: See Addendum No. 1
- 14 Q: Please clarify the extent of the painting scope. Drywall patches only, or corner to corner, to a match line?
- A: See Addendum No. 1
- 15 Q: Drawing A6.3 / Details 1/A6.3 & 4/A6.3 - indicate a steel lintel. Please confirm this is the existing steel lintel, which is to be left in place. Also clarify if this existing steel lintel is to be prepped and painted where exposed.
- A: See Addendum No. 1
- 16 Q: Drawings A6.3 & A6.4 / various details - reference "wood blocking". Please clarify if this is the existing wood blocking that is to be left in place, or if this existing blocking is to be removed and new wood blocking is to be furnished and installed?
- A: See Addendum No. 1
- 17 Q: Drawings A6.1 & A6.2 / Glazing Legend - reference Acid Etched Glazing, however this hatched symbol does not appear in these elevations. Please clarify the location(s) of the Acid Etched Glazing.
- A: See Addendum No. 1
- 18 Q: DBE Utilization Form - requires a "Project Contract \$ Amount". Please clarify the extent of DBE's to be listed on this form:
1. All DBE's solicited, regardless of bidding status?
  2. Only DBE's who bid, and their bid amount, regardless of price, scope, and our intent to award them a contract?
  3. Only DBE's who bid AND we intend to award a contract to?
- A: There are two forms that were 'erroneously' configured on the bid package and are being removed. Exhibit A is one of those forms. No DBE information is required to be submitted with bids.
- 19 Q: Drawing D1.1 / Alteration Legend / 7A - states "Modify existing casework...". Please clarify the extent of casework and the extent of modifications required.
- A: See Addendum No. 1
- 20 Q: Please clarify who is responsible for relocating the Owner's furniture to allow ample workspace at the interior of the windows, Owner or General Contractor?
- A: General Contractor.
- 21 Q: During the Prebid, it was mentioned the August 2024 completion dated are for Base Bid #1 only. Please confirm this is correct and if other "Base Bids" are accepted and included in this contract, the completion dates will be extended accordingly.
- A: Correct.

- 22 Q: During the Prebid it was mentioned that it is PSU's intent to award, at least the Base Bid #1. Therefore, it is assumed the remaining base bids will be treated as Alternates. If these other Base Bids are not awarded at the same time and contract as Base Bid #1, please clarify when these Base Bids may be awarded and the award process for these "future" Base Bids.  
A: This information will not be determined until post bid receipt when costs and funding can be holistically evaluated.
- 23 Q: CLOSER EHDP016 SDST90 BSHD90 DP90 that is in all the hardware sets for the aluminum doors is discontinued. Please provide substitute.  
A: N/A
- 24 Q: During the prebid it was mentioned the General Contractor is responsible for protecting the tree roots and lawn areas. Please confirm the Owner will handle all tree and shrub trimmed to allow access to the windows. One of the Glazing contractors has requested at least 3'-0" of clearance outside of each window.  
A: Protection of the plantings and root zones is by the contractor. The university does not provide means and methods.
- 25 Q: If the intent is to paint the interior walls inside the window drywall patches, from floor to acoustical ceiling and to the nearest match line / corner, please clarify if the base board heater covers are to be painted. If so, please clarify if these can be painted in place, or if they must be removed, transported off site, prepped, painted, and reinstalled.  
A: See Addendum No. 1
- 26 Q: 1. Please provide manufacturer's name, style, and color of existing brick.  
2. Please provide manufacturer's name, type, and color of existing mortar.  
3. Some of the existing windows abut up against wall coverings. Please provide direction on remedy this issue.  
4. Please clarify limits of painting, where new drywall abuts old drywall.  
A: See Addendum No. 1
- 27 Q: We have been informed that the closer EHD9016 SDST90 BSHD90 DP90 has been discontinued. Please provide information for an replacement closer.  
A: N/A
- 28 Q: Please disregard RFI 23 about the closer for PSU. Supplier had the jobs mixed up and sent wrong information.  
A: N/A
- 29 Q: Flush panel doors are not listed in Specifications. Please supply manufacturer information.  
A: See Addendum No. 1
- 30 Q: YKK -AP Aluminum "XT" entrance doors that are specified in spec 084113 are not available - doors have been discontinued by manufacturer.  
A: See Addendum No. 1
- 31 Q: Please supply wind loads at project location. 7 1/2" deep curtainwall frames may need steel reinforcement.  
A: See Addendum No. 1
- 32 Q: Spec. section 084413 10" deep curtain wall does not appear to be used. Should this be removed?  
A: See Addendum No. 1
- 33 Q: CLOSER EHDP016 SDST90 BSHD90 DP90 that is in all the hardware sets for the aluminum doors is discontinued, please clarify.  
A: N/A

- 34 Q: Will the GC be responsible for protection of grass area, trees, tree roots and shrubs for all subcontractors using lifts and scaffolding?  
A: Yes.
- 35 Q: Will there be an on-site water test performed on the mockup?  
A: See Addendum No. 1
- 36 Q: If the blocking is new, please clarify if this needs to be pressure treated, or fire treated.  
A: See Addendum No. 1
- 37 Q: Please clarify if the Sprinkler system can be deactivated near the construction zone(s).  
A: No.
- 38 Q: Spec section 08800 Acid Etched glass. Please advise where this is required.  
A: See Addendum No. 1.
- 39 Q: Please supply color of spandrel glass  
A: Architect to select from manufacturers full range of standard colors.
- 40 Q: Please clarify if the existing hanging lights that will be in the construction zone, or partially in the construction zone, can be removed by the Owner prior to the temporary plastic partition being installed, then reinstalled by the Owner after the temporary partition has been removed?  
A: If necessary, it will be the responsibility of the contractor to protect or temporarily relocate and reinstall the light fixtures.
- 41 Q: YKK-AP Aluminum "XT" entrance doors that are specified in spec section 084113 are not available because they have been discontinued by the manufacturer, please clarify.  
A: See Addendum No. 1
- 42 Q: Please provide the wind loads at the project location, the 7 1/2" deep curtainwall frames may need steel reinforcement.  
A: See Addendum No. 1
- 43 Q: Will there be an on-site water test performed on the mockup?  
A: See Addendum No. 1
- 44 Q: Glass spec 088000, Page 8 - 16.4 calls out acid etched glazing and it also appears on the glazing legend, however, it does not show up on any glazing elevations. Please clarify.  
A: See Addendum No. 1
- 45 Q: Please clarify the spandrel color.  
A: Architect to select from manufacturers full range of standard colors.
- 46 Q: Flush panel doors are not listed in the specifications. Please provide.  
A: See Addendum No. 1
- 47 Q: YKK-AP Aluminum XT entrance doors that are specified in section 084113 are not available. Doors have been discontinued.  
A: See Addendum No. 1
- 48 Q: What are the wind loads for the project location? The 7 1/2" deep curtainwall may need steel reinforcement.  
A: See Addendum No. 1

- 49 Q: 6" Deep is not listed in the curtainwall specification section 084413. Please advise.  
A: See Addendum No. 1
- 50 Q: Remove 10" deep curtainwall from specification section 084413.  
A: See Addendum No. 1
- 51 Q: Will there be on site water test performed on the mock-up?  
A: See Addendum No. 1
- 52 Q: Glass specification 088000 - Type IG-4, where is this to be installed? Please advise.  
A: See Addendum No. 1
- 53 Q: What is the color of the spandrel Panels?  
A: Architect to select from manufacturers full range of standard colors.
- 54 Q: "Please provide acceptable root protection systems."  
A: A: Protection of the plantings and root zones is by the contractor. The university does not provide means and methods.
- 55 Q: #1- the flush panel doors are not listed in the spec sections. Need to know who the manufacturer is to use.  
#2 - ykk-ap aluminum "xt" entrance doors that are specified in spec section 084113 are not Available - doors have been discontinued by manufacturer.  
#3 - need to know wind loads at project location - 7 ½" deep curtainwall frames may Need steel reinforcement.  
#4 - 6" deep is not listed in the curtainwall spec section - 084413.  
#5 - remove 10" deep curtainwall from spec section – 084413  
#7 - will there be an on-site water test performed on the mock up?  
#8 Glass Spec 088000 page 8, 1.G4 Acid Etched - Where is this used in the project?  
#9 Spandrel Glass color?  
A: See Addendum No. 1.
- 56 Q: Aluminum & Glass  
Please provide specifications and manufacturer for flush panel doors.  
The specified YKK AP Aluminum "XT" entrance doors have been discontinued and are no longer available.  
Please provide wind loads at projection location. 7-½" curtain wall frames need steel reinforcement.  
Please provide specifications for 6" deep curtain wall.  
Can specifications for 10" deep curtain wall be deleted?  
Will an on-site water test be performed on the mockup?  
Spec section 08800, Page 8, Item 3. Type IG-4 calls for Acid etched Glass. Please verify location of use for this project.  
Please provide color of spandrel.  
Misc Questions  
Please verify existing roller blinds are to be removed, stored, and reinstalled.  
Since a furniture layout plan has not been provided. Please provide an allowance for the moving and resetting furniture within the work area.  
A: See Addendum No. 1.
- 57 Q: Will the Builders Risk Insurance be provided by the Owner or will the Contractor need to provide their own. Please advise.  
A: Refer to Article 5 and Article 5.2 of the General Conditions provided in the original bid documents.
- 58 Q: Is window AC on the East elevation is full height. Which bid should this be included?  
A: See Addendum No. 1