115 Fifth Avenue, 3rd Floor
New York NY 10003

phone: 212.353.7200
www.kliment-halsband.com

Memorandum

SUCF Project No. 291036-01
Renovations to Relocate Admissions for Rehab of Administration Bldg – Phase 1A

State University Construction Fund
Purchase College

Addendum No.2
5 July 2023

Prepared By:
Kliment Halsband Architects – A Perkins Eastman Studio
115 Fifth Avenue, 3rd Floor, New York NY 10003

General Notes:

1. The following additions, deletions, and/or changes or clarifications to the drawings, specifications, and bidding documents for this project, shall become and are hereby made part of the Contract Documents. They change the original documents only in the manner and to the extent stated. Each bidder shall acknowledge receipt of this Addendum in the appropriate location on the bid proposal form.
2. This addendum consists of the ***attachments*** summarized below.
    a. If spec sections are revised, only ***revised*** sheets or pages are included in the addendum (not the full spec sections).
    b. If spec sections are added, the ***full*** section is included.
    c. Each bidder shall manage revisions/insertions within their copy of the Bid Documents.

Summary of Changes:

1.1 Section 00 01 10 Table of contents (page 6 of both Vol 1 and 2):
Spec section 08 41 13 Interior Aluminum Storefront added.

1.2 Section 00 21 13 10 Notice to Bidders (page 11 of Vol 1):
Revised Bid deadline from 11 July 2023 to 19 July 2023.

1.3 ***Section 01 00 00 General Requirements (page 231 of Vol 1)***:
01 52 13 Field Office for the Consultant revised to include provisions; was previously not required.

1.4 ***Section 08 41 13 Interior Aluminum Storefront***:
Spec section added.

End of Addendum Cover Sheet

STATE UNIVERSITY CONSTRUCTION FUND
NOTICE TO BIDDERS

The State University Construction Fund will receive sealed Proposals for Project No. **291036-01 Renovations to Relocate Admissions for Rehab of Administration Bldg – Phase 1A** at Purchase College until 2:00 p.m. Local Time on **19 July 2023** at the Fund's Office at the H. Carl McCall SUNY Building, 353 Broadway, Albany, NY 12246, where such proposals will be publicly opened and read aloud in Room S201. Bidders are encouraged to view the live stream of the bid opening broadcast on the day of the bid by using the link posted on the Fund's web page: https://sucf.suny.edu/ Bidders are encouraged to submit their bids early by delivery service and use the bid modification process permitted in part (7) of Section 3 of the Information for Bidders.

All proposals and/or proposal modifications must be received and stamped in by the Fund no later than 2:00 p.m. on the bid opening date. The Proposal may be hand delivered to Room S204A or be mailed or sent by delivery service to the State University Construction Fund, H. Carl McCall SUNY Building, 353 Broadway, Albany, New York 12246. Each bid must be identified, on the outside of the envelope, with the name and address of the bidder and designated a bid for the Project titled above. When a sealed bid is placed inside another delivery jacket, the bid delivery jacket must be clearly marked on the outside "BID ENCLOSED". Proposals that are mailed to the Fund must be delivered by 1:00 p.m. on the day of the scheduled bid opening and mailed Proposals must be sent using a delivery method that provides tracking and locating the Proposal. The Fund assumes no responsibility for any Proposal that is not delivered to the aforesaid address by 1:00 p.m. on the bid opening date. See Section 3 of the Information for Bidders for additional instructions regarding proposals, including modifications. Please be advised that all individuals who access the H. Carl McCall SUNY Building to submit bids or attend bid openings will be required to present picture identification to building security officials and obtain a visitor's pass prior to entering the building. Bidder's arriving prior to 12:30 PM on the bid opening date may be asked to wait outside the building. There is no parking available for bidders at the H. Carl McCall SUNY Building and violators may be towed.

To assure delivery of their bid prior to the aforesaid deadline for receipt of bids, bidders should allow sufficient time for individuals to find public parking for their vehicles, to find the Visitor Entrance to the building, to be processed through building's health and security screening, to find the Fund's office within the building, to properly complete and submit their proposal, and to allow for delays that are typical for congested urban areas and crowded public bid openings. Due to space limitations, the Fund reserves the right to control physical access into Room S201 and direct the individuals to other spaces in the building where they can view the live stream broadcast of the bid opening on their personal electronic device.

To assure delivery of their bid modification, if any, prior to the aforesaid deadline for receipt of bids, bidders should allow sufficient time to account for internet connectivity problems, to correct email address errors, to be processed through spam filters and security software and to allow or delays that are typical for congested internet servers**.** Bidders may at any time send an email to modifymybid@suny.edu alerting the Fund of your intent to modify.

All work will be completed within **340** calendar days from receipt of the Notice to Proceed.

The Fund's project specific goals for this project are **12%** MBE and **8%** WBE and **3%** SDV. See Sections 00 21 13 20 Information for Bidders, 00 21 13 30 MWBE Utilization Plan and Instructions and 00 21 1 30 SDVOB Form and Instructions for more information.

as approved by the Consultant. Installation shall be in accordance with the National Electric Code and the Fire Code of New York State.

2. The Contractor shall install, maintain and, when necessary as a result of construction progress and at the completion of all work or at such earlier time as the Consultant may approve, remove pigtailed type Underwriter's label lighting sockets, light bulbs and intermittent power sockets. The temporary lighting requirements shall be installed in the structure as soon as the frame is completed and work begins on the enclosing walls. The minimum temporary lighting to be provided is at the rate of one-quarter watt per square foot, is to be maintained in each room and changed as required when interior walls are being erected. The required temporary lighting must be maintained for twenty-four (24) hours a day and seven (7) days a week at all stair levels and in all corridors below ground; in all other spaces temporary lighting is to be maintained during working hours.

01 51 36 Temporary Water for Construction Purposes

1. Water for construction is available through the campus system without charge to the Contractor from location designated by the College. The Contractor shall obtain the necessary permission, make all connections, as required, furnish and install all pipes, fittings and reduced pressure zone backflow prevention device (tested before use), insulate piping, and remove the same at completion of work. The Contractor must provide for waste water discharge and shall take due care to prevent damage to existing structures or site and the waste of water. All pipes and fittings must be maintained to the satisfaction of the campus at all times. Temporary water system shall comply with the Fire Code of New York State.

01 52 13 Field Office for the Consultant

1. Contractor shall provide the following at the Purchase College Field Office,

- **a. IT Drops**
  - **i. Check existing CAT 6 cables & outlets located in (2) offices of SUCF trailer for continuity from outlet to CTS connection line.**
  - **ii. If found non-usable, correct and/or provide new cable.**
  - **iii. Add (2) new IT stations (cable/outlet) at existing modular desk furniture and wall outlet for printer hook-up.**
  - **iv. Add power outlet under conference table – 4 gang at "dog-house".**
- **b. HVAC Maintenance Services**
  - **i. Check/Replace freon, coils, filters, overall maintenance at (2) location – dual systems.**
- **c. Trailer Doors**
  - **i. Replace hinge and jamb support (blocking) to allow door to operate properly.**

2. All of the above items are to become the exclusive property of the Campus at the end of the project. Prior to purchase, submit detailed information for the above items to the Consultant for approval.

SECTION 084113

INTERIOR ALUMINUM STOREFRONTS

PART 1 GENERAL

1.1 GENERAL REQUIREMENTS

A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

A. Work of this Section includes all labor, materials, equipment, and services necessary to complete the interior aluminum storefronts as indicated on the drawings and/or specified herein, including but not limited to the following:

1. Frames for doors and glazed openings
2. Doors and door hardware
3. Glass and Glazing
4. Misc. trims for junctions and building interface
5. Acoustic insulation
6. Caulking and sealing all gaps between wall system and adjacent materials.

1.3 RELATED SECTIONS

A. Sealants - Section 079200.

B. Finish hardware - Section 087100.

C. Glass and glazing - Section 088000.

D. Wood Doors – Section 081416.

E. Gypsum Board Assemblies – Section 092900

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's printed product data, specifications, standard details, installation instructions, use limitations and recommendations for each material used. Provide certifications that materials and systems comply with specified requirements.

B. Shop Drawings: Provide large scale shop drawings for fabrication, installation and erection of all parts of work. Provide plans, elevations, and details of anchorages, connections and accessory items. Provide installation templates for work installed by others. Show interfaces and relationships to work of other trades.

C. Field Measurements: Take necessary field measurements before preparation of shop drawings and fabrication. Do not delay progress of job. If field measurements are not possible prior to fabrication, allow for field cutting and fitting.

D. Initial Selection Samples: Submit samples showing complete range of colors, textures, and finishes available for each material used.

E. Verification Samples: Submit representative samples of each material that is to be exposed in completed work. Show full color ranges and finish variations expected. Provide samples having minimum size of 144 sq. in.

F. Manufacturer's installation and assembly instructions.

G. Closeout Submittals

H. Warranty documents as specified.

I. Maintenance data.

1.5 QUALITY ASSURANCE

A. Installation shall be by manufacturer's or a qualified dealer's trained personnel.

B. Supplier shall take field measurements prior to preparation of shop drawings and fabrication, where possible, to ensure proper fitting of the work.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials and products in unopened, factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations. Store under cover and protect from weather damage.

B. Sequence deliveries to avoid delays, but minimize on-site storage.

1.7 WARRANTIES

A. Provide written warranty, signed by manufacturer, agreeing to repair or replace work that exhibits defects in materials or workmanship. "Defects" is defined to include, but not limited to, leakage of water, abnormal aging or deterioration, abnormal deterioration or fading of finishes, and failure to perform as required. Include requirement for removal and replacement of covering and connected adjacent work.

1. Warranty Period: Three (3) years from date of Substantial Completion; except finish shall be warranted for a period of ten (10) years from date of Substantial Completion.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS/PRODUCTS

A. Provide storefronts and entrance systems of one of the following manufacturers that meet or exceed requirements of these specifications:

1. DIRTT Environmental Solutions

2. Kawneer Company, Inc.

3. EFCO

2.2 PERFORMANCE AND DESIGN CRITERIA

A . Provide integrated interior assemblies that are factory sub-assembled and site installed to integrate with the base building structure, shell, mechanical, electrical and plumbing systems.

B . Walls shall utilize factory finish site installed panels that mechanically fasten to a factory finished and assembled aluminum structural frame module. Finish panels may be monolithic or segmented with the ability to span off-module, or across multiple frames in segments or monoliths, vertically and horizontally.

C . Assembly shall allow for independent configuration of structure, finishes and functions relative to each side of the wall.

D . Assembly shall be comprised of components which can be disassembled, relocated and field cut and substantially reused for future reconfigurations allowing for adaptability and retrofitting of the Structure, Finish panels, Doors and Frames, Door Hardware, Electrical, Communications, Plumbing Accommodation, and Factory and Site Integrated components.

E . Structure shall be capable of supporting wall hung accessories including but not limited to: casework, furniture, systems furniture, shelves, countertops and equipment in channels or reveals that are integrated within the structural frame and enable universal horizontal alignment without damaging finishes.

F . Integrated interior assembly shall provide accommodation or provision for the embedding (fully encased behind glass) of electronics in the wall cavity. Structural framing shall allow for universal non-standard AV display, sound, and various support equipment to be mounted in the cavity of the wall with all required structural brackets, wire management, access and ventilation equipment to prevent overheating.

G . Integrated interior assembly shall enable access of the internal cavity from either side without the addition of an access panel or need for repairing of finishes.

H . Provide integrated interior assembly with a continuous open cavity vertically and horizontally free of structural impediments for the routing of mechanical, electrical and plumbing components.

I . Provide integrated interior assemblies capable of accommodating up to a 1-inch (25 mm) gap between the top, bottom and side edges of the prefabricated assembly and base building elements.

J . Provide an integrated interior assembly system capable of accepting pressure fit extrusions and co-extrusions to fill voids between finish panels, at ceiling connections, and other base building connections.

K . Structural Performance:

1. Capable of withstanding the effects of gravity loads, dead loads, and the following loads and stresses within limits and under conditions indicated:
    a. Transverse Load: Lateral deflection of the overall span when tested under a uniformly distributed load of 5 psf (0.24 kN/m2) in accordance with ASTM E72 where (L) equals wall height:
        a. Glass Walls: not more than L/175 or 3/4 inch (19 mm) whichever is more stringent.
    b. Mechanical Strength: Capable of withstanding static loads in accordance with ANSI/BIFMA X5.6.
    c. Seismic Performance: Provide integrated interior assemblies capable of withstanding effects of seismic motions determined according to the Authority Having Jurisdiction.

L . Acoustic Attenuation:

1. Sound Transmission Class (STC) rating of integrated interior assemblies shall be calculated in accordance with ASTM E413, based on tests conducted in accordance with ASTM E90.
2. Interior Walls Indicated as Acoustic: Provide completed assemblies with the following characteristics:
    a. Four inch (102mm) single glazed wall: [30]-35 STC.
    b. Four inch (102mm) double glazed wall: [37]-43 STC.

M . Fire Resistance:

1. Surface-Burning Characteristics:
    a. Finish materials shall be tested in accordance with ASTM E84 and NFPA 286 as required by 2018 IBC 803.1.1.
2. Integrated Interior Assembly shall be approved for use by a qualified independent testing agency in Types I and II Construction in accordance with 2018 IBC section 603.1 (2) and 603.1 (7).

2.3 MATERIALS AND ACCESSORIES

A. Aluminum Members: Provide 6063-T5 alloy and temper as recommended by manufacturer for strength, corrosion resistance, and application of required finish. Comply with ASTM B 221 for extrusions, and ASTM B 209 for sheet/plate. Provide 0.125" thick extrusions for door stiles and storefront framing. Provide 0.050" thick aluminum for glazing moldings.

1. Structural aluminum shapes shall conform to ASTM B 308.

B. Fasteners: Provide non-magnetic stainless steel fasteners, warranted by manufacturer to be non-corrosive and compatible with aluminum components.

C. Concealed Flashing: Dead-soft stainless steel, 26 gauge minimum, or extruded aluminum 0.062" minimum, of an alloy and type selected by manufacturer for compatibility with other components.

D. Brackets and Reinforcements: Non-magnetic stainless steel or hot-dip galvanized steel complying with ASTM A 386.

E. Concrete/Masonry Inserts: Cast-iron, malleable iron, or hot-dip galvanized steel complying with ASTM A 386.

F. Bituminous Coatings: Cold-applied asphalt mastic compounded for 30-mil thickness per coat.

G. Compression Weatherstripping: Manufacturer's standard replaceable stripping of molded neoprene or PVC gaskets complying with ASTM D 2287.

H. Sliding Weatherstripping: Manufacturer's standard replaceable stripping of wool, polypropylene, or nylon woven pile, with nylon fabric or aluminum strip backing.

2.4 HARDWARE

A. Provide hardware units as indicated, scheduled, or required for operation of each door. Refer to Section 087100, Finish Hardware for hardware description.

2.5 FABRICATION

A. Sizes and Profiles: Required sizes for door and frame units, including profile requirements, are indicated on Drawings. Any variable dimensions are indicated, together with maximum and minimum dimensions required to achieve design requirements and coordination with other work.

B. Prefabrication: To greatest extent possible, complete fabrication, assembly, finishing, hardware application, and other work before shipment to project site. Disassemble components only as necessary for shipment and installation.

1. Preglaze door and frame units to greatest extent possible, in coordination with installation and hardware requirements.

2. Do not drill and tap for surface-mounted hardware items until time of installation at project site.

3. Perform fabrication operations, including cutting, fitting, forming, drilling and grinding of metal work in manner which prevents damage to exposed finish surfaces. For hardware, perform these operations prior to application of finishes.

C. Welding: Comply with recommendations of American Welding Society to avoid discoloration; grind exposed welds smooth and restore mechanical finish.

D. Reinforcing: Install reinforcing as necessary for performance requirements; separate dissimilar metals with bituminous paint or other separator to prevent corrosion.

E. Continuity: Maintain accurate relation of planes and angles, with hairline fit of contacting members.

F. Fasteners: Conceal fasteners.

G. At doors provide neoprene silencers on stops to prevent metal-to-metal contact.

H. Provisions shall be made in the framing for minimum edge clearance, nominal edge cover, and nominal pocket width for the thickness and type of glazing installed, and shall be in accordance with the FGMA Glazing Manual.

I. Pocket glazed framing shall provide:

		Single Glass
1.	Nominal edge cover (or bite) framing only	5/16"
2.	Min. nominal edge clearance	1/8"
3.	Min. face clearance	1/8"

2.6 DOORS AND FRAMES

A. Coordinate ADA, ANSI, Access Control and Fire Life Safety requirements with drawings and schedules prior to the development of shop drawings per Pre-Manufacture Submittal requirements.

B. Hardware Preparation and Reinforcement: Factory milled, reinforced, drilled and taped doors and frames by manufacturer to receive Integrated Hardware Components as scheduled.

1. Factory milled doors and frames with hinge locations and sizes as determined by integrated interior assembly manufacturer; including factory installed steel backer plates.
2. Access Control Components: Factory provided rough in for Site Integrated Components and integrated interior assembly manufacturer provided hardware.

C. Aluminum Framed Glass Doors:

1. Operation: Swing or Sliding per Plan & Schedule.
2. Door Thickness: 1-11/16 inch thick.
3. Door Size: As indicated on Door Schedule.
4. Stile Width: 6 inch as indicated by Door Type on Door Schedule.
5. Top Rail Height: 6 inch as indicated by Door Type on Door Schedule.
6. Bottom Rail Height: 7-7/8 inch as indicated by Door Type on Door Schedule.
7. Glazing: Per Schedule.
8. Finish: Clear Anodized Aluminum: AAMA 611, AAM12C22A31, Class I
9. Adjustability: Provide door skirt to accommodate varying floor levels.

D. Solid Core Wood Doors: See Section 081416

1. Operation: Swing
2. Door Thickness: 1-11/16 inch.
3. Door Size: As indicated on Door Schedule.

E. Door Frames:

1. Architectural grade structural aluminum factory finished and integrated with wall structure.
2. Door frames capable of reconfiguration without part replacement or damage to wall components.
3. Frames are shipped knocked down and assembled on site.

4. Jambs shipped over length by 2 inches in height, for field cutting to suit opening height for proper alignment with adjacent frames.
5. Extrusion Profile: Rectilinear
6. Configuration: As required by door operation or function.
7. Size: As required for doors sizes indicated on Door Schedule.
8. Standard Frame Depth: 4 inches
   - Wrap Around frame: 4-3/4 inches
9. Finish:
   - Clear Anodized Aluminum: AAMA 611, AAM12C22A31, Class I

PART 3 EXECUTION

3.1 INSPECTION

A. Examine the areas and conditions where aluminum storefronts are to be installed and correct any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions are corrected to permit proper installation of the work.

3.2 INSTALLATION

A. Install aluminum doors and storefront framing in openings prepared under other Sections plumb, square, level, in exact alignment with surrounding work, with proper clearances, and securely and positively anchored to building structure, to meet performance requirements specified herein, in accordance with manufacturer's published instructions and approved submittals.

B. Use only skilled mechanics for erection, under supervision of manufacturer's representative.

C. Provide protection against galvanic action. Isolate dissimilar materials with bituminous coating or non-absorptive dielectric tape.

D. Install aluminum doors, storefront frame, and finish hardware. Carefully fit and adjust doors and hardware to frames. After erection check and adjust operating hardware for smooth and proper operation.

E. Erection Tolerances: Install entrance and storefront systems to comply with the following maximum tolerances.

1. Variation from Plane: Limit variation from plane or location shown to 1/8" in 12'-0"; ¼" over total length.

2. Alignment: Where surfaces abut in line, limit offset from true alignment to 1/16". Where surfaces meet at corners, limit offset from true alignment to 1/32".

3. Diagonal Measurements: Limit difference between diagonal measurements to 1/8".

3.3 FIELD QUALITY CONTROL

A. Testing Agency: Contractor shall engage a qualified independent testing agency to perform testing indicated for storefronts.

B. Test fixed frames for water infiltration per AAMA 501.2; latest edition. Test within the first 10% of work complete, area to be a minimum of 100 SF of wall and including a perimeter where frames adjoin adjacent construction. Interior finishes must not interfere with observation of test area or be removed from test area. Not appropriate for operable doors.

1. This test (AAMA 501.2) shall be performed infield on new construction.

C. Repair or remove Work that does not meet requirements or that is damaged by testing; replace to conform to specified requirements.

3.4 PROTECTION AND CLEANING OF ALUMINUM

A. Protect finished metal surfaces from damage during fabrication, shipping, storage, and erection, and from then until acceptance by Owner.

B. Clean metal surfaces promptly after installation, exercising care to avoid damage. Remove excess sealant, dirt, and other substances. Lubricate hardware and other moving parts.

3.5 PROTECTION AND CLEANING OF GLASS

A. Replace glass that is broken, cracked or chipped prior to time of final acceptance of Project by Owner.

B. Clean glass surfaces promptly after installation, exercising care to avoid damage to same.

END OF SECTION