IFB T990043/SU-021119: Perception Lab Renovation
Addendum #1 * February 26, 2020

To: Prospective Bidders

SUNY Purchase hereby issues this Addendum, dated 2/26/2020, for the above referenced IFB, in order to provide the clarifications provided on page 2.

Bid packages are due no later than 2:00 pm, Thursday, March 5, 2020. Please note that as the bidder, you must sign THIS ADDENDUM and submit it with your bid package.

Respectfully,

Elizabeth Pleva
Associate Director of Contract and Procurement Services

Acknowledgement of ADDENDUM #1

Signature ___________________________ Date ________________

Typed printed name and title

Company name

Think Wide Open
Addendum

To: Prospective Bidders

From: Muneeza Ismail
Project Manager, Capital Facilities Planning

Re: Addendum No. 1 to specifications SU-021119
Visual Arts Perception Lab Renovation – Electrical, Mechanical drawing changes

DATE: FEB 26TH, 2020

Mechanical Drawings
See the attached mechanical drawings indicating:

1- DDC to Pneumatic thermostat change
2- Removal of wall penetration details

Electrical Drawings
See the attached electrical drawings indicating:

1- Addition of specs for low voltage modular cables, jacks and faceplates
2- Addition of a patch panel and patch cords in the CTS closet
3- Removal of note to correct reference to an alternate
NOTE: ALL LIGHT FIXTURES WILL BE FURNISHED BY CAMPUS, FOR INSTALLATION BY ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.
VISUAL ARTS BUILDING
NORTH FIRST FLOOR PLAN

SCALE: 3/32" = 1'-0"

NOTE: PANEL LOCATIONS SHOWN FOR REFERENCE ONLY. ALL CIRCUITS SERVING PERCEPTION LAB TO BE RE-USED.
1. REMOVE EXISTING RECEPTACLE WITH ASSOCIATED WIRING. PROVIDE A JUNCTION BOX OUTSIDE AREA OF WORK AND PROVIDE BYPASS CONNECTIONS NECESSARY FOR NEW RECEPTACLES IDENTIFIED TO BE EXTENDED TO NEW RECEPTACLES. SEE DRAWING E-101 FOR NEW RECEPTACLE LOCATION. CIRCUITS TO BE EXTENDED TO NEW RECEPTACLES. SEE DRAWING E-101 FOR NEW RECEPTACLE LAYOUT.

2. EXISTING CEILING-MOUNTED PROJECTOR TO BE REMOVED UNDER SUPERVISION OF CAMPUS TECHNOLOGY SERVICES DEPARTMENT. PULL BACK ALL ASSOCIATED LOW-VOLTAGE AND POWER CONNECTIONS FROM PROJECTOR TO ACCOMMODATE CEILING WORK. THESE SHALL REMAIN FOR RE-INSTALLATION BY OTHERS.

3. EXISTING PODIUM TO BE DISCONNECTED BY CAMPUS AND REMOVED BY OTHERS.

4. EXISTING WALL-MOUNTED SPEAKER TO BE REMOVED UNDER SUPERVISION OF CAMPUS TECHNOLOGY SERVICES DEPARTMENT. DISCONNECT AND REMOVE ALL ASSOCIATED WIRING.

5. EXISTING CEILING-MOUNTED WIRELESS ACCESS POINT TO BE REMOVED UNDER SUPERVISION OF CAMPUS TECHNOLOGY SERVICES DEPARTMENT. DISCONNECT ALL CONNECTIONS FROM WIRELESS ACCESS POINT AND REMOVE ASSOCIATED WIRING AND CONDUIT FROM CEILING TO ACCOMMODATE CEILING WORK.

6. EXISTING MOTORIZED SCREEN TO BE REMOVED. DISCONNECT POWER CONNECTIONS AND PRESERVE FOR RE-USE.

7. REMOVE QUAD RECEPTACLE BEHIND PODIUM. EXISTING BOX AND WIRING TO REMAIN.

8. REMOVE DATA OUTLET. CABLING SHALL BE RE-ROUTED TO NEW JUNCTION BOX (REFER TO NOTE 9, DRAWING E-101).
ED-102

ELECTRICAL LIGHTING DEMOLITION PLAN

NOTES:

1. ALL EXISTING CIRCUITS ARE CONNECTED TO PANEL L-12 UNLESS OTHERWISE NOTED.
2. REMOVE ALL LIGHT FIXTURES INDICATED. RETAIN 277V CIRCUITRY (L-12/2, L-12/11) FOR INSTALLATION OF NEW FIXTURES.
3. FIXTURES ARE CONNECTED TO EMERGENCY POWER CIRCUIT (EL-N/3). DISCONNECT AND RETAIN FOR FUTURE USE. (TYPICAL FOR 6 FIXTURES)
4. REMOVE EXISTING LIGHT SWITCHES WITH ASSOCIATED BOXES, WIRING, AND CONDUIT.
5. EXISTING 12DV CIRCUIT FEEDS LIGHT FIXTURES WHICH ARE NO LONGER USED. REMOVE LIGHT FIXTURES AND RETAIN CIRCUIT FOR USE AS RECEPTACLE CIRCUIT (REFER TO E-101).
6. ALL EXISTING WIRING AND CONDUIT SHALL BE REMOVED FROM CEILING TO ACCOMMODATE CEILING WORK. CIRCUITS SHALL BE REMOVED TO NEAREST LOCATION OUTSIDE AREA OF WORK AND SHALL REMAIN FOR EXTENSION TO NEW LIGHTING.

SEE NOTE 4 (TYP.)
T2428100 TRANSFORMER LOCATED ABOVE CEILING.

ENCLOSURE W/DOOR CONTROLLER WITH ALTR0NIX PROVIDE RECEPTACLE FOR DOOR FROM 2ND FLOOR DATA CLOSET CONTROLLER

TRANSFORMER PROVIDE (4) CAT6A IN 120V POWER TO DATA DOOR SENSORS (BY OTHERS)

NOTE: REFER TO TELECOMMUNICATIONS CABLING. PROVIDE CAT6A CABLING FOR CARD READER.

CAMPUS NETWORK CABLE INSTALLATION SPECIFICATION FOR ADDITIONAL OUTSIDE INSIDE CRASH BAR W/ (BY OTHERS) SQUARE BACK BOX 

DOOR (BY OTHERS) 3/4" FLEXIBLE CONDUIT WITH PULLCORD TO (BY OTHERS) JACK BOX INSTALLATION TO ENSURE SERVCEABILITY. REFER TO DETAIL 2 ON THIS DRAWING FOR

PERCEPTION LAB

MAIN CORRIDOR

STORAGE

GENERAL

P-12/11

P-12/11
POWER PACKS AND MOTION SENSORS, TO ADDITIONAL SWITCHES.

TYPICAL WIRING DIAGRAM FOR CEILING MOUNTED VACANCY SENSOR CONTROL. PROVIDE POWER PACK FOR EACH LINE VOLTAGE, LOW VOLTAGE, (VACANCY-TYPE NSP5 PCD DIMMING FROM BUILDING NEUTRAL [WHITE/RED STRIPE] FROM LINE [BLUE] TO LOAD [BLUE].

NOTE: ALL POWER PACKS SHALL BE INSTALLED IN VESTIBULE 0-10V FROM DIMMING TO LOAD [BLUE].

EMERGENCY POWER PACKS SHALL BE PROVIDED WITH ELV SENSE LINE [BLACK], SENSE NEUTRAL [WHITE], EMERGENCY LINE [YELLOW 120VAC].

NEW GYPSUM BOARD AND HUNG CEILINGS.

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FAX: (860) 966-7350

2 HOLLAND AVENUE
PURCHASE, NY 10577

735 ANDERSEN HILL RD
PURCHASE, NY 10577

PERCEPTION LAB RENOVATION
735 ANDERSEN HILL RD
WHITE PLAINS, NY 10603

ACOUSTICAL CONSULTANT
COTE ACOUSTICAL CONSULTING LLC
SIMSBURY, CONNECTICUT 06070

ARCHITECT
COTE ACOUSTICAL CONSULTING LLC
SIMSBURY, CONNECTICUT 06070

ISSUED FOR: BID & PERMIT
ISSUED FOR BID 2/3/2020
DATE: 12/26/2020
DESCRIPTION / COMMENTS
ADDENDUM #1
Swatchbank Detail

LIGHTING CONTROLS TYPICAL WIRING DIAGRAM

MAIN CORRIDOR

E-102
<table>
<thead>
<tr>
<th>Panel Schedule Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel schedules stored for informational purposes only</td>
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<table>
<thead>
<tr>
<th>Panel Schedule Key Notes:</th>
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<tbody>
<tr>
<td>CB BUS INTERRUPTING RATING</td>
</tr>
<tr>
<td>CB BUS SYMM. INTERRUPTING</td>
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</tbody>
</table>

### Electrical Poke-Thru Details

**Electrical Poke-Thru Detail A**

**Electrical Poke-Thru Detail B**

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**Panel Schedules Note:**

- Panel schedules stored for informational purposes only.
- Panel schedule key notes include:
  - CB BUS INTERRUPTING RATING
  - CB BUS SYMM. INTERRUPTING

**Electrical Poke-Thru Details:**

- **Detail A**
- **Detail B**
I. SHOP DRAWINGS

II. INSURANCE: IN ACCORDANCE WITH BUILDING REQUIREMENTS AND SHALL INCLUDE A HOLD HARMLESS

A. PRIOR TO THE INSTALLATION OF ANY WORK AND PROCUREMENT OF EQUIPMENT, CONTRACTOR SHALL

FLOORS, WALLS, PARTITIONS AND OTHER MATERIALS IN THE EXISTING BUILDING. THE CONTRACTOR SHALL

EXISTING WORK IN NEAT AND ACCEPTABLE MANNER. RESTORE EXISTING DISTURBED WORK TO ORIGINAL

B. IN EXAMINATION

PORTIONS OF THE EXISTING BUILDING, EQUIPMENT, ETC., WHICH AFFECT THIS WORK, AND THE ACCESS TO

NECESSARY

C. TEMPORARY LIGHT AND POWER: PROVIDE TEMPORARY LIGHT AND POWER SYSTEMS AT EARLIEST POSSIBLE

D. REPRODUCIBLE

ARCHITECT AND ENGINEER.

E. PRODUCT DELIVERY, STORAGE AND HANDLING

1) WIRE AND CABLE

2) WALL SWITCHES

3) "FURNISH" OR "SUPPLY: TO PURCHASE, PROCURE, ACQUIRE AND DELIVER COMPLETE WITH

4) APPROVAL

5) MARK EACH COPY OF STANDARD PRINTED DATA TO IDENTIFY PERTINENT PRODUCTS,

F. BINDERS WITH CLEAR ACETATE COVERS. CONTRACTOR SHALL GIVE THREE COPIES OF THE INSTRUCTIONS TO

ARCHITECT AND ENGINEER.

G. COLORS: COORDINATE COLORS WITH ARCHITECT.

H. PERFORM CONTINUITY AND INSULATION TESTS. MEGGER TEST IO PERCENT OF BRANCH CIRCUITS.

II. ELECTRICAL

A. PROVIDE WIRE AND CABLE

B. APPROVE TO ALL EQUIPMENT AND APPARATUS FURNISHED UNDER THIS CONTRACT.

C. MATERIALS:

D. ACCEPTANCE

1. CONTRACTOR SHALL SUBMIT TO THE OWNER, PRIOR TO THE INSTALLATION AND ACCEPTANCE OF THE WORK, THE

OWNER'S APPROVAL OF ALL WORK, PARTS OF THE WORK AND FOR PARTS OF THE WORK WHERE NECESSARY, REROUTE RACEWAYS OR

MAKE

VERIFY OUTLET LOCATIONS IN FINISHED SPACES WITH ARCHITECTURAL

COTE ACOUSTICAL CONSULTING LLC

735 ANDERSON HILL RD

EIGHT WILCOX STREET

PHONE: (860) 264-1624

PURCHASE, NY  10577

I. SHOP DRAWINGS

A. THIS DOCUMENT CONTAINS THE CONTRACT FOR CONTRACTOR'S OWN USE. COPY TO OWNER, ARCHITECT AND ENGINEER.

B. ALL PRIORITY, CONDITION AND OTHERWISE POLICY. ONLY ONE CONTRACTOR SHALL PERFORM WORK AS

C. PERFORM WIRE AND CABLE

D. PROVIDE CONDUIT AND BOXES IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.

E. CONSISTENCY OF LOCATION AND CONTENT.

F. BENDERS WITH CLEAR ACETATE COVERS. CONTRACTOR SHALL GIVE THREE COPIES OF THE INSTRUCTIONS TO

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GENERAL NOTES

1. GENERAL NOTES, TITLE BLOCK AND LEGENDS ARE APPLICABLE TO ALL MECHANICAL DRAWINGS.
2. DIMENSIONS AND MATERIALS SHOWN IN THIS DRAWING ARE FOR GENERAL GUIDANCE ONLY AND ARE SUBJECT TO CHANGE.
3. DIMENSIONS SHOWN ON DRAWINGS ARE IN FEET AND INCHES. ALL OTHER MEASUREMENTS SHOWN ARE IN INCHES.
4. DIMENSIONS SHOWN ON DRAWINGS ARE APPROXIMATE UNLESS OTHERWISE NOTED.
5. DIMENSIONS SHOWN ON DRAWINGS ARE SUBJECT TO CHANGE.
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GENERAL NOTES:
1. ALL NEW AND EXISTING EQUIPMENT INCLUDING EXISTING DRY BLOC AND SEQUENCE WITHIN THE EXISTING MECHANICAL SPACE SHALL BE COORDINATED WITH THE CONTRACTOR TO ENSURE COMPLETION OF THE JOB WITHIN 30 DAYS. COORDINATION WHOSE WORK SHALL BE IN PERFORMANCE BEING SUBJECT TO THE MECHANICAL ENGINEER AND THE CONTRACTOR.
2. ALL PKG/MATERIALS SEEKING TO ENTER THE EXISTING SPACE, AC-4, WHICH IS A CONSTANT AIR KINETICS' AF-100 (FOR 20-100 LBS LOADS) HANGERS.
3. ALL WORK TO BE SCHEDULED IN ADVANCE WITH THE BUILDING MANAGER.

KEY NOTES:
1. NEW 3-HOP LEAF SPRING WITH 10' CONVELS, 50' LENGTH OF LEAF SPRING IS DE- COMMISSIONED. THE EXISTING UNIT IS TO REMOVE AND REPLACE.
2. PROVIDE A 10' X 10' DECK ACCESS PANEL, CORRIDOR TO FLOOR SISTEMA CONSTRUCTION.
3. REFLECT THE EXISTING PACKAGED SYSTEM WITH A NEW PKG/MATERIALS, REFER TO SPECIFICATIONS DRAWING IN ADDITIONAL DRAWER.
4. PROVIDE BALANCING DAMPERS AT EACH NEW MACHINERY WITH REMOTE CABLE CONTROLS. VENTILATION AT ALL LOADS, INSTEAD TO STAND, 3 AM IN-0500.

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MECHANICAL CONSTRUCTION PLAN

PERCEPTION LAB CONSTRUCTION PLAN

SECTION AT SOFFIT (PERCEPTION LAB)
SCLG 1/8"=1'-0"
DIFFUSER, GRILLE & REGISTER SCHEDULE

DESIGN BASIS: TITUS

ACOUSTICALY LINED DUCTWORK

2. PROVIDE NOSING AT LEADING EDGE OF

3" 3" 6"

6" 6" 12"

16" 16" 6"

LAPPED AND COMPRESSED
SEE DETAIL "B"

CORNER BREAK

LONGITUDINAL JOINT

DUCT AIR FLOW

MECHANICAL FASTENER WITH SELF-LOCKING WASHER

LINER ADHERED TO DUCT WITH 100% COVERAGE OF ADHESIVE

NOTES:

1. MECHANICAL FASTENERS ARE TO BE SPOT WELDED TO DUCTWORK

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PHONE: (914) 332-7658

PROJECT CLIENT
MECHANICAL & ELECTRICAL CONSULTANT
SUNY PURCHASE COLLEGE
735 ANDERSEN HILL RD
PURCHASE, NY 10577

ISSUED FOR: BID & PERMIT
ISSUED DATE: 09.11.2019

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SEAL

REVISIONS

DESCRIPTION / COMMENTSDATE REV

COTE ACOUSTICAL CONSULTING LLC
23 MISTY MEADOW RD
ENFIELD, CT 06082
PHONE: (860) 966-7350

ACOUSTICAL CONSULTANT

ISSUED FOR BID 2/3/2020

DRAWING NAME
DRAWING NO.
DRAWN BY:
CHECKED BY:
M-200

MECHANICAL SCHEDULES AND DETAILS

ADDENDUM #12/26/2020

TAG APPLICATION MIDDLE SIZE INDEX SIZE CMX FTC NATIONAL MODEL PN
CR-1 RECIRC 24X10 - 0.475 0.006 - SESS 350 RL 510 002534
CR-2 DIFFUSER - 0.475 0.006 - SESS 350 RL 510 002534

1. COORDINATE COLOR AND FINISH WITH ARCHITECT.
M-300

Work shall be installed in a neat, workmanlike manner.

7. Noise control furnishing, installing and testing, complete and ready for safe operation of the systems.

A. The work under contract includes all necessary for proper and complete installation.

2) "Install": To erect, mount and connect complete with related accessories.

3) "Provide": To supply, install and connect up complete and ready for safe and regular operation.

4) "Provide": To supply, install and connect up complete and ready for safe and regular operation.

5) "Concealed": Embedded in masonry or other construction, installed in furred spaces, within required for proper and complete installation.

6) "Suitable for operation at 20% excess and 20% less than noted capacity for constant volume ventilation and air conditioning systems.

7) "Install": To erect, mount and connect complete with related accessories.

1) "Provide": To supply, install and connect up complete and ready for safe and regular operation.

6. Air outlets

A. Volume dampers: Galvanized steel, per SMACNA "Low Velocity Manual," except provide cocoa 915 at the point of installation to meet noise requirements.

B. All applicable codes, laws and regulations governing or relating to any portion of this work shall be observed. The manufacturer shall advise the contractor in writing of any changes in the requirements and specifications as applicable to this contract.

C. Voluntary standards for workmanship and equipment as set forth in the various sections of the specifications as applicable to this contract.

D. The contractor shall provide necessary notices. No changes or alterations shall be made to the work without written consent of the architect and engineer.

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