**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

<table>
<thead>
<tr>
<th>2. Amendment/Modification Number</th>
<th>3. Effective Date</th>
<th>4. Requisition/Purchase Request No.</th>
<th>5. Solicitation Caption</th>
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<tbody>
<tr>
<td>GF-2013-B-0082-003</td>
<td>January 14, 2013</td>
<td></td>
<td>Auditorium Bldg 46E Guest Rooms and Dressing Rooms Renovation</td>
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</tbody>
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6. Issued By: University of the District of Columbia  
   Capital Procurement Division  
   4200 Connecticut Avenue, NW, Bldg. 38 Room C04  
   Washington, DC 20008  
   University of the District of Columbia  
   Capital Procurement Division  
   4200 Connecticut Avenue, NW, Bldg 38 Room C04  
   Washington, DC 20008

8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)  
   Code  
   Facility

9A. Amendment of Solicitation No.  
   GF-2013-B-0082  
   Friday, December 14, 2012

10A. Modification of Contract/Order No.  
   X

10B. Dated (See Item 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers is extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14

A. This change order is issued pursuant to: (Specify Authority)  
The changes set forth in Item 14 are made in the contract/order no. in item 10A.

B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in Item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.

C. This supplemental agreement is entered into pursuant to authority of:

D. Other (Specify type of modification and authority)  
   Title 8, DCMR, Chapter 30, Section 3016.3

E. IMPORTANT: Contractor is not, X is required to sign this document and return copy to the issuing office.

14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)

Invitation for Bids No. GF-2013-B-0082 for Auditorium Building 46E, Guest Rooms & Dressing Rooms Renovation is hereby amended as follows:

1. Questions and Answers (Attachment A);

2. Additions and Modifications to the requirement (Attachment B);

3. Pre-Bid Conference Sign In Sheet (Attachment C);

4. The closing date for submitting questions is hereby extended from January 2, 2013 to January 15, 2013, 5:00 p.m.

5. All other terms and conditions remain the same.

Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect

15A. Name and Title of Signer (Type or print)  
   SHERRY JONES-QUASHIE

15B. Name of Contractor

15C. Date Signed

16A. Name of Contracting Officer  
   SHERRY JONES-QUASHIE

16B. District of Columbia

16C. Date Signed  
   1/14/13
GF-2013-B-0082
AUDITORIUM BUILDING 46E
GUEST ROOMS AND DRESSING ROOMS
RENOVATION

ATTACHMENT A (QUESTIONS & ANSWERS)
TO AMENDMENT 003
1. Question: Are testing and inspection part of the scope of work? Please clarify.

   Answer: The Contractor will be responsible for testing and inspections. Contractor shall supply results of testing within 24 hours of tests being performed or completion of lab testing period, whichever is applicable. Inspection reports shall also be submitted within 24 hours of the date of inspection.

2. Question: Please provide specification for trench drain detail 9/R3.3.

   Answer: Refer to attached product information for Aco Membrane Drain.

3. Question: What access can be used to remove debris and bring in equipment and materials?

   Answer: The site has multiple points of access including but not limited to the C level loading dock, Windom Place entrance at C level, parking deck entrance to B level, and athletic field service road to A level. Refer to Sheet AS1.1. Based on the location of the work in progress the Contractor shall coordinate with UDC project manager to provide and maintain access.

4. Question: Division 31- Earthwork, Section 314100 indicates shoring, but in the specification no details are provided. Please provide shoring specs.

   Answer: The Contractor must refer to “Part 3 – Excavation and Backfill” on Drawing S0.0 (General Notes) for contract requirements related to excavation, shoring, and backfill at below-grade work areas. See Amendment 2 dated 7 January, 2013 for clarification of the notes on Drawings S0.0 and S1.0.

5. Detail 3, 4 and 5/A1.1. Calls for concrete steps and landings to be demolished / removed in order to excavate down to the footing of the lower exterior wall to waterproofing. Has the soil to be excavated been tested for reuse? If so where can it be stocked? Will we need to provide structural fill?

   Answer: The Contractor must refer to Plans 2, 3, and 4/S1.0 and 1, 2, 3, and 4/R1.2 for concrete stair slab work. Also, see Details 6/S2.1 and 1 and 1R/A3.3 for example of work required at Lobby Stair. Work at Lobby Stair, C-Level Stair, and Mechanical Room Stair does not include earth excavation to exterior wall waterproofing.
No soil designated for removal has been tested for reuse. Contractor shall refer to Note 3.3 on Drawing 30.0 for requirements at below-grade excavations, excavation support, and backfill.

6. Question: Drawing Al1.1, Interior wall type legend, indicates CMU partitions W9A, W9B as 8" CMU and W10A, W10B as 6" CMU and W11A, W11B as 4" CMU. These partition types are not shown. Please indicate CMU partition on detail 2/Al1.1.

Answer: For partition designations in all areas, refer to sheets Al1.1 and Al1.5, Amendment 2 revisions dated 7 January, 2013,

7. Question: Please provide toilet accessory schedule, the plans do not provide one.

Answer: Refer to attached drawing AR3, dated 01/01/2013.

8. Question: A "Number 14" is called for in the food service equipment plan; however, the schedule has no mention of it. Please provide more information.

Answer: Change Keynote 14 on food service equipment plan to Keynote 13.

9. Question: Electrical drawings do not give the location of the existing electrical room on "B" level. What is the distance from existing Panel "MDPL" on level "B" to the new Panel "P" on level "C"?

Answer: Refer to sheet EP2.1, Amendment 2 revisions dated 07 January, 2013, for location of electrical room.

10. Question: In relation to millwork:

a. Detail 2/Al2.3 there appears to be wood on the front of the wall, what is the species? Is this a millwork wall, how are the panels applied?

Answer: Rear wall and side walls of Box Office and Concession Area have wood slat panel system by Armstrong or Rulon. Species is maple. Panels are mounted to walls with L 2"x2"x2" painted to match wall behind.

b. In regards to the casework shown on Al2.3, is it all plastic laminate?

Answer: Casework in Box Office, Concessions and Manager's Office is stain grade maple w/ stain and lacquer finish. Counters are Cesarstone. Casework in Pantry, Dressing Rooms and
Greenroom is plastic laminate and counters there are solid surface.

c. The finish schedule shows Counter 1 and 2. Where are they labeled on the plans?

Answer: Counter 1 – Box Office and Concession Counters
Counter 2 – Men’s and Women’s Restrooms
Counter 3 – Dressing Room counters, Pantry & Greenroom
Counter 4 – Dressing Room sink counters

d. Counter 1 and 2, Trend Q tops are labeled as 1-1/4” thick. This material is like a tile and available in only 1/4” thick material. Please advise.

Answer: Substitute Cesarstone for Counters 1 and 2

e. Is the Ruron wood panel correct, I could only find a PG6-12-32D?

Answer: Replace Ruron PG16-12-32D with PG6-12-32D.
Armstrong Woodworks Grille and Ruron are both approved products. Delete semi rigid insulation and furring behind wood grilles. Provide saturated color paint on walls behind all wood grilles. Provide doweled panels, not wood backers.

f. What is meant by the 12” x 12” size for the Ruron wood panels?

Answer: 12” x 12” refers to the required size of sample submittal.

11. Please provide specifications for food service and bar equipment.

Answer: Refer to food service equipment schedule on Sheet for A11.3 for equipment specifications.

12. Question: Please advise on locations of different countertops (none called out in plans)

Answer: Refer to answer 10.c. in Amendment 002.

13. Please advise on locations of CPT 2 vs. CPT 3 – Plans call out CPT 2 for rooms C12A, C13A, C14, and C15, but finish schedule calls out CPT 3.

14. C12 and C13 – What is Lino?

Answer: On Sheet Al1.7, change floor designation for Rooms C12 and C13 to VCT-1, Change the floor designation for CF10 to VCT-1.

15. Hallway CF-10 – Plans call for VCT2, finish schedule calls for VCT1, Scheduled items are CPT1, CPT2, CPT3 and VCT1; No VCT2.

Answer: On Sheet Al1.7, change the floor designation for Room CF10 to VCT-1.
Membrane Drain

Subframe and channel system for use in suspended slab to collect liquid permeating through pavements

Typical applications
- Rail stations
- Parking garages
- Office buildings
- Airports
- Roof top gardens

Grates sit directly into subframe

Clamping device - an inverted 'U' shaped locking bar is fitted to the channel which is connected to a 'QuickLock' locking bar which fits into subframe to secure grate

Membrane is sandwiched between channel and subframe

Used with H80/H100 channel

End plates and accessories are available

PROBLEM SOLVER

www.acousa.com

ACO drain
Membrane Drain - with galvanized or stainless edge rail, subframe for H80/H100 channel

Membrane Drain is specifically used for use in suspended slabs where any liquid permeating through the pavement is collected by a membrane and directed into the trench drain. Each membrane unit is manufactured with weep holes to allow liquid entry from the membrane into the trench drain.

The membrane subframe fits directly on H80/H100 channels, and uses H80/H100 grates.

QuickLok - boltless locking system

'QuickLok' is a patented, boltless locking system offering quick fitting and removal of grates. Use of 'QuickLok' grates reduces installation and maintenance time and cost.

Grates are supplied with a 'QuickLok' locking stud which pushes it into a stainless steel spring clip in the 'QuickLok' locking bar. To remove grate, pull removal hook into grate opening and pull upwards.

Clamping Device

The membrane clamping device consists of:

Two 1/2" - 18 x 2" bolts

Removable 'QuickLok' locking bar

Inverted U locking bar fits in channel and locks membrane unit and channel together

For full information, see Product Catalog (Pg. 102) or Spec Info Sheets
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<tr>
<td>SD-1</td>
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<td>GRAB BARS</td>
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GF-2013-B-0082
AUDITORIUM BUILDING 46E
GUEST ROOMS AND DRESSING ROOMS
RENOVATION

ATTACHMENT B
(ADDITIONS & MODIFICATIONS)
TO AMENDMENT 003
1. ADD scope of work depicted on attached Sketch AR1, dated 01/07/2013, to Package 2. Work includes installation of temporary door to provide access to backstage swing space in Building 32.

2. ADD the following scope of work to Package 2: relocate and store existing systems furniture in Building 32, Rooms C10 and C11, to the north half of Room C10 to provide clear backstage swing space for Auditorium Building 46E. At completion of project restore systems furniture to the current layout and condition. Provide dust protection for furniture during construction. Refer to attached OTJ Architects drawing A3.0, dated 04/28/10, for existing layout of systems furniture.

3. ADD scope of work depicted on attached Sketch AR2, dated 01/07/2013, to Package 2. Work includes installation of temporary partition to maintain access between Building 46W and 46E and installation of new ACP ceiling in Corridor CF06 at completion of waterproofing.

4. ADD Specification Section 07 9513-Expansion Joint Cover Assemblies to Package 1 project manual.

5. ADD Specification Section 08 3300-Coiling Grilles to Package 2 project manual. Provide motorized coiling grilles above Box Office and Concession areas.

6. ADD Specification Section 10 1405-Exterior Signage to Package 1 project manual.

7. ADD to Package 2 scope of work: All new telecom lines shall be CAT-6 to meet UDC standards.

8. ADD to Package 2 scope of work: Provide two (2) new voice and data outlets in concession area for phone and point-of-sale equipment.

9. ADD to Package 2 scope of work: Contractor shall tag all new voice and data cabling.

10. ADD to Package 2 scope of work: Provide allowance for installing 24" wide x 8" deep thickened slab below all new CMU partitions in Star Dressing Rooms C12A and C13A. Provide 2 #5 bars continuous reinforcement at bottom of thickened slab.

11. ADD to Package 2 scope of work: All new concrete slabs, including new thickened slabs referenced above, shall be dowelled into existing slabs with #5 x 18" bars at 32" O.C., imbedded into existing slab 9".
REMOVE SECTION OF EXISTING CMU WALL.
PROVIDE NEW 1 HOUR RATED HM DOOR AND FRAME
TO ACCESS ADJACENT SPACES IN BUILDING 32.

PARTIAL BACKSTAGE FLOOR PLAN

SCALE: 1/4"=1'-0"

NOTE: AT COMPLETION OF PROJECT, REMOVE DOOR
CF07, INFILL CMU PARTITION, AND RESTORE WALL TO
EXISTING CONDITION ON BOTH SIDES. PAINT.

1 HOUR RATED HM DOOR AND
FRAME. PAINT.

DOOR CF07

SCALE: 1/4"=1'-0"

PROVIDE:
HARDWARE SET 9 - OFFICE W/ CLOSER
HINGES: 1 1/2 PAIR HAGER BB1168 5" X 4"
LOCK: SCHLAGE L9050- 630 OFFICE
TRIM: SCHLAGE LEVER 02-630, ROSE A-630
DEADBOLT: SCHLAGE 19463-630
CLOSER: NORTON 8300 ARCHITECTURAL
STOP: IVES FS13-US32D

C13
C13A
2/AR1
CF07
3'-4"
8"

PROJECT:
CAMPUS AUDITORIUM BUILDING 46E, UDC VAN NESS CAMPUS

PROJECT NO:
1013

KAMM
ARCHITECTURE
3812 VAN NESS STREET NW, WASHINGTON, DC 20016 P 202.249.2901 F 202.249.2902

SHEET:
AR1

DATE:
01/07/2013
ADD THE FOLLOWING:

- PROVIDE TEMPORARY PARTITION AS REQUIRED TO MAINTAIN ACCESS TO BUILDING 46W RESTROOMS WHILE AUDITORIUM RESTROOMS ARE INOPERATIVE.

- REMOVABLE PANELS ARE FRAMED WITH 2 X 4 @ 16" O.C. WITH 5/8" EXTERIOR GRADE PLY ON ONE FACE. PROVIDE SIMILARLY FRAMED DOORS FOR EGRESS.

- PROVIDE TEMPORARY SPACE HEAT AND LIGHTING IN NEW COORIDOR WHILE IN USE FOR PERFORMANCES. COORDINATE SCHEDULING OF PARTITION WITH UDC PROJECT MANAGER AND AUDITORIUM STAFF.

- PROVIDE NEW CEILING GRID AND 24" X 24" ACP #1 IN CORRIDOR CF06 AFTER COMPLETION OF B LEVEL PLAZA WATERPROOFING.

- REINSTALL EXISTING LIGHTING AND HVAC FIXTURES IN LOCATIONS TO MATCH EXISTING CEILING LAYOUT.
SECTION 07 9513

EXPANSION JOINT COVER ASSEMBLIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Description of Work: Work of this Section includes, but is not limited to, the following:
   1. Treatment of interior and exterior expansion joint conditions.

B. Products Furnished But Not Installed Under This Section: Provide templates for cast-in-place anchors where required.

1.3 RELATED WORK SPECIFIED ELSEWHERE

A. See Division 07 Section HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING for expansion joint in conjunction with hot fluid-applied waterproofing system.

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's specifications, anchorage details and installation instructions for expansion joint materials.

B. Shop Drawings: Submit Shop Drawings showing installation and connections of expansion joint conditions, including adjacent construction.

1.5 QUALITY ASSURANCE

A. Fabricator and Installer Qualifications: Not less than 5 years documented, successful experience with work comparable to Work of this Project.

B. Regulatory Requirements: Conform to applicable requirements of authorities having jurisdiction over Project.

PART 2 - PRODUCTS

2.1 PRODUCTS AND MANUFACTURERS

A. Acceptable Products and Manufacturers:
   1. Listed products establish standard of quality and are manufactured by C/S Group, Muncy, PA.
   2. Equivalent products by the following are acceptable:
      a. Watson Bowman Acme, subsidiary of BASF.

Kamm Architecture, P.C. EXPANSION JOINT COVER ASSEMBLIES 07 9513 - 1
2.2 MATERIALS

A. Aluminum:
   1. ASTM B221 alloy 6063-T5 for extrusions; ASTM B209 alloy 6061-T6 for sheet and plate.
   2. Apply manufacturer’s standard protective coating on aluminum surfaces to be placed in contact with cementitious materials.
   3. Finishes: Provide the following finishes, as specified below for each system.

B. Flexible Seals:
   1. Exposed (primary) seals:
      a. Preformed thermoplastic rubber (Santoprene or Elastoprene) extrusions having internal baffle system in sizes and profiles as recommended by manufacturer and complying with ASTM E1783; used with compatible frames, flanges, and molded anchor blocks.
      b. Polyvinyl chloride is acceptable in lieu of thermoplastic rubber for interior expansion joint covers only.
      c. Color: To be selected by Architect from manufacturer’s full color range.
   2. Concealed (secondary) seals: Preformed thermoplastic rubber, neoprene, or EPDM; in sizes and profiles as recommended by manufacturer; used with compatible frames, flanges, and molded anchor blocks.
   3. Provide with shop-fabricated, heat-welded transitions as required to provide complete watertight system.

C. Elastomeric Concrete: Modified epoxy or polyurethane extended into a prepackaged aggregate blend, specifically designed for bonding to concrete substrates.

D. Joint Fillers:
   1. Preformed, compressible, resilient, closed cell neoprene foam rod.
   2. Accommodates up to 7/8 inch (21 mm) joint movement.
   3. Acceptable product and manufacturer: Equivalent to Robseal #300 by BASF.

2.3 EXTERIOR EXPANSION JOINT COVERS

A. Expansion Joint Cover:
   1. Type: Exterior curb-to-curb.
   2. Materials:
      a. Extruded aluminum frame.
      b. Continuous flat thermoplastic rubber exposed seal.
      c. Continuous corrugated flexible concealed seal.
   3. Acceptable products and manufacturers: Equivalent to SF-200 by C/S Group, Muncy, PA.

2.4 ACCESSORIES

A. Expanding Foam Sealer:
   1. Preformed, precompressed, open-cell urethane foam, impregnated with a water-based acrylic-modified asphalt emulsion; factory-produced in precompressed sizes and in roll or

Kamm Architecture, P.C. EXPANSION JOINT COVER ASSEMBLIES 07 9513 - 2
stick form to fit joint widths indicated, depth as recommended by manufacturer for size of joint.

2. Properties: Permanently elastic, mildew-resistant, nonmigratory, nonstaining and compatible with joint substrates, suitable for primary waterproofing of joint.
   a. 50% movement capability (+25%, -25%).
   b. Density:
      1) Uncompressed: 9-10 pcf (145-160 kg/m³).
      2) Compressed to 25% of uncompressed width: 36-40 pcf (576-640 kg/m³).
   c. Temperature stability, when tested in accordance with ASTM C711: -40 deg F to +185 deg F (-40 deg C to +85 deg C).
   d. Low temperature flexibility, when tested in accordance with ASTM C711, at -10 deg F to +32 deg F (-23 deg C to +0 deg C): No splitting or cracking.
   e. Bleeding: None, from -40 deg F to +185 deg F (-40 deg C to +85 deg C).
   f. Tensile strength, when tested in accordance with ASTM D3574: 21 psi (145 kPa).
   g. Resistance to compression set, when tested in accordance with ASTM D3574: 3% maximum.

3. Provide with sealer manufacturer's recommended primers, adhesives, and topcoating.
4. Acceptable products and manufacturers: Equivalent to Colorseal by Emseal Joint Systems Ltd.
5. Locations: As indicated on Drawings.

B. Provide anchors, fasteners, mastic and sealers as recommended by expansion joint cover manufacturer and as required for complete installation.

2.5 FABRICATION

A. Fabricate units in longest practical lengths, without intermediate joints.

B. Apply shop coat of manufacturer's standard protective primer to concealed metal surfaces which will be in contact with concrete or masonry when installed.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which Work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.

3.2 INSTALLATION

A. General: Comply with manufacturer's written instructions for handling and installing architectural joint assemblies and materials, unless more stringent requirements are indicated.
   1. Prepare substrates according to architectural joint system manufacturer's written instructions.
   2. Coordinate installation of architectural joint assembly materials and associated work so complete assemblies comply with assembly performance requirements.
   3. Terminate exposed ends of exterior architectural joint assemblies with factory-fabricated termination devices to maintain waterproof system.

B. Cutting, Fitting, and Placement: Perform cutting, drilling, and fitting required to install joint systems.
1. Install joint cover assemblies in true alignment and proper relationship to joints and adjoining finished surfaces measured from established lines and levels.
2. Allow adequate free movement for thermal expansion and contraction of metal to avoid buckling.
3. Securely attach in place with required accessories.
4. Locate anchors at interval recommended by manufacturer, but not less than 3 inches (75 mm) from each end and not more than 24 inches (600 mm) o.c.

C. Continuity:
1. Maintain continuity of joint systems with a minimum number of end joints and align metal members.
2. Cut and fit ends to produce joints that will accommodate thermal expansion and contraction of metal to avoid buckling of frames.
3. Adhere flexible filler materials to frames with adhesive or pressure-sensitive tape as recommended by manufacturer.

D. Expansion Joint Covers:
1. Seals:
   a. For straight sections, provide preformed seals in continuous lengths.
   b. Install seals with minimum number of end joints.
   c. Vulcanize or heat-weld field splice joints in seal material to provide watertight joints using procedures recommended by manufacturer.
   d. Apply adhesive, epoxy, or lubricant adhesive approved by manufacturer to both frame interfaces before installing preformed seals.
2. Fill joint with expanding foam sealer.
   a. Prime substrates receiving foam sealer if recommended by manufacturer.
   b. Conform to manufacturer's recommendations.
3. Aluminum frames and covers:
   a. Provide shop-fabricated transitions and end caps.
   b. Seal butt joints with aluminum splice cover bedded in elastomeric sealant, and fastened on only one side.
4. Install factory-fabricated transitions and closures at expansion joint cover assemblies, and seal edges with sealant as recommended by expansion joint cover manufacturer, to provide continuous, uninterrupted, watertight construction.

END OF SECTION
PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Description of Work: Work of this Section includes, but is not limited to, the following:
   1. Coiling grilles.
   2. Accessories.

1.3 RELATED WORK SPECIFIED ELSEWHERE

A. See Division 05 Section METAL FABRICATIONS for support framing and bracing.
B. See Division 09 Section PAINTING AND COATING for field applied painting systems.
C. See DIVISION 26 for electrical connection requirements.

1.4 ACTION SUBMITTALS

A. Product Data: Submit manufacturer's specifications and installation instructions for each component.

B. Shop Drawings:
   1. Submit Shop Drawings for fabrication and installation of overhead coiling grilles.
   2. Include locations, configuration, details, elevations, conditions at openings and anchoring and supporting systems.
   3. Include provisions for operation requirements.

C. Samples: Submit 12 inch square (300 mm square) samples of finished grilles.

1.5 INFORMATIONAL SUBMITTALS

A. Certificates: Submit manufacturer's certification that doors have been designed, fabricated and installed to meet or exceed specified performance requirements.

B. Qualification Data: Submit installer qualifications verifying years of experience; include list of completed projects having similar scope of work identified by name, location, date, reference names and phone numbers.

1.6 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data:
   1. Submit operation, cleaning and maintenance data for materials and systems provided.
   2. Include list of replacement parts and sources.

Kamm Architecture, P.C.  

COILING GRILLES  

08 3300 - 1
1.7 SYSTEM REQUIREMENTS

A. Design Requirements:
1. Design Drawings: Drawings indicate design concept with regard to size, shape and location of various components and together with Specifications impose performance requirements, outline material selections, fabrication methods and installation procedures for completed systems.
2. Design and engineering:
   a. Contractor is responsible for design and engineering as required to fulfill performance criteria.
   b. Provide door systems complete with required components including frames, sections, brackets, guides, tracks, counterbalance mechanisms, hardware, motors and installation accessories, as required to suit openings, allowable head room and operating requirements.

B. Structural Requirements:
1. Interior doors: Design, fabricate, reinforce and install doors to withstand operating loads with maximum deflection of l/120 of clear opening width, without permanent deformation of door components.

C. Cycles of Operation Requirements:
1. Design, fabricate and install door operator and components for 20,000 cycles of operation, without limitation of frequency of cycling.
2. "Cycle": Starting from door in fully closed position, door moves to fully open position and then back to fully closed position.

D. Electrical Wiring Requirements:
1. Provide complete installation of wiring to connect parts of equipment.
2. Wiring shall be in accordance with applicable local codes and National Electric Code Standard.
4. Conceal wiring unless otherwise shown.
5. Test entire wiring system for insulation to ground.
6. Connect parts of equipment with insulated wiring as required for operation.

E. Interface With Other Systems:
1. Furnish inserts and anchoring devices which must be set in concrete or built into masonry for installation of units.
2. Coordinate templates and anchorage devices with adjoining Work.

1.8 QUALITY ASSURANCE

A. Installer Qualifications: Not less than 5 years documented, successful experience with work comparable to Work of this Project, acceptable to manufacturer.
2.1 MANUFACTURERS AND PRODUCTS

A. Acceptable Products and Manufacturers:
   1. Listed products establish standard of quality and are manufactured by Cornell Iron Works.
   2. Equivalent products by following are acceptable:
      a. The Cookson Co.
      b. Overhead Door Corp.

2.2 COILING GRILLES

A. Aluminum Curtain:
   1. Interlocking grille fabricated of horizontal 5/16 inch (8 mm) diameter aluminum rods spaced vertically at 2 inches (50 mm) o.c. with network of vertical interlocking links spaced horizontally at 9 inches (225 mm) o.c.
   2. Pattern: Straight lattice pattern.

B. Guides:
   1. Extruded aluminum with retainer grooves for continuous silicon treated wool pile strips or PVC inserts.
   2. Provide required fasteners to attach at jambs.

C. Brackets: Manufacturer's standard design, either cast iron or cold-rolled steel plate with bell mouth guide groove for curtain.

D. Barrel and Counterbalance Mechanisms:
   1. Barrel: Fabricate from hot-formed structural-quality carbon steel, welded or seamless pipe, of sufficient diameter and wall thickness to support roll-up of curtain without distortion of slats and to limit barrel deflection to not more than 0.03 inch per foot (.75 mm per 300 mm) of span under full load.
   2. Provide spring balance of adjustable steel helical torsion springs.
      a. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Provide springs as required to comply with cycles of operation requirements.
      b. Provide cast steel barrel plugs to secure ends of springs to barrel and shaft.
   3. Fabricate torsion rod for counterbalance shaft of cold-rolled steel in size required to hold fixed spring ends and carry torsional load.
   4. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.

E. Hood: Fabricate from same material and finish as curtain, minimum 24 gage, reinforced as required for length of run.

F. Finishes:
   1. Aluminum components: Manufacturer's standard clear anodized finish.
   2. Shop paint hood and curtain slats with manufacturer's standard bonderized, rust-inhibitive baked-on primer and top coat paint finish, which is compatible with finish paint systems specified in Division 09 Section PAINTING AND FINISHING.
   3. Shop prime other non-galvanized, exposed ferrous metal components with manufacturer's standard rust-inhibitive primer.

Kamm Architecture, P.C. COILING GRILLES 08 3300 - 3
G. Locking Mechanism:
   1. Provide manufacturer’s standard cylinder locking mechanism, operable from inside only, to provide positive locking of doors.
   2. Devices to be provided less cylinders; provide cylinders keyed to building masterkey system as specified in Division 08 Section DOOR HARDWARE.

H. Motor Operation:
   1. Provide power operation complete in enclosed assembly, with high-starting torque motor that will raise or lower door at approximately 12 inches (300 mm) per second, with thermal overload protection.
   2. Provide electrically operated safety bottom bar attached to bottom angles of curtain which will instantly stop downward movement and reverse to fully open position upon contact with any obstruction.
   3. Provide electric eye sensing devices which will prevent downward movement of curtain when beam is broken by any obstruction.
   4. Control stations:
      a. Exterior: Momentary contact labeled "Open"/"Close" for key operation with housing suitable for exterior application.
      b. Interior: 3-position control station labeled "Open", "Close", and "Stop", for push button operation.
      c. Provide separate control station for each door. Locate stations as indicated on Drawings.
   5. Emergency operation:
      a. Provide mechanism for automatically engaging sprocket and chain operator and releasing brake for emergency use, operable from floor.
      b. Include interlock device to automatically prevent motor from operating when emergency operator is engaged.
      c. Arrange emergency operator to not affect timing of limit switch for power operations.
   6. Safety interlock switch: Equip grilles with safety interlock switch to disengage power supply when grilles are locked.

I. Acceptable Product and Manufacturer: Equivalent to VISIONAIR Model ESG10 by Cornell Iron Works.

2.3 ACCESSORIES

A. Provide anchors, inserts and other miscellaneous accessories as required for complete installation.

B. Provide sloping bottom bars where sill is sloped.

C. Provide vision lights where shown, consisting of individual slat cut-outs with weathertight inserts.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which Work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.
3.2 INSTALLATION

A. Erect coiling doors as complete units in accordance with final Shop Drawings and manufacturer's instructions.

B. Install plumb, level and true to established building lines.

3.3 ADJUSTING AND CLEANING

A. Upon completion of each installation, test operation to demonstrate satisfactory operation acceptable to Architect.

B. Repair damaged galvanized coating in accordance with ASTM A780.

C. Adjust as required for proper operation.

D. Clean surfaces and lubricate joints and bearings in accordance with manufacturer's instructions.

3.4 PROTECTION

A. Protect doors from weathering, deterioration or damage until acceptance.

END OF SECTION
PART 1 - GENERAL

1.1 RELATED DOCUMENTS
   A. Drawings and general provisions of the Contract, including General and Supplementary
      Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY
   A. Description of Work: Work of this Section includes, but is not limited to, the following:
      1. Individual letters.
      2. Accessories.

1.3 RELATED WORK SPECIFIED ELSEWHERE
   A. See Division 03 Section CAST-IN-PLACE CONCRETE for general concrete requirements for
      exterior sign mounting.
   B. See Division 10 Section INTERIOR SIGNAGE.

1.4 ACTION SUBMITTALS
   A. Product Data: Submit manufacturer's specifications and installation instructions for each
      component and finish.
   B. Shop Drawings:
      1. Submit Shop Drawings showing mounting and attachment details and text layout for each
         condition.
      2. Include sign schedule identifying text and locations.
   C. Samples: Submit full size samples with text for each size, type, finish and color.

1.5 INFORMATIONAL SUBMITTALS
   A. Qualification Data: Submit installer qualifications verifying years of experience; include list of
      completed projects having similar scope of work identified by name, locations, date, reference
      names and phone numbers.

1.6 CLOSEOUT SUBMITTALS
   A. Maintenance Data:
      1. Submit cleaning and maintenance data for materials provided.
      2. Include copy of submittal in Project information manual.
1.7 QUALITY ASSURANCE

A. Installer Qualifications: Not less than 5 years documented, successful experience with work comparable to that required for this Project.

B. Manufacturer Qualifications: Firm or company specializing in architectural signage with not less than 5 years documented, successful experience with work comparable to that required for this Project.

C. Regulatory Requirements:
   1. Conform to applicable requirements of authorities having jurisdiction over Project.
   2. Except as may be modified by governing authorities, comply with applicable requirements and provisions of ADA-ABA Accessibility Guidelines.

1.8 DELIVERY, STORAGE AND HANDLING

A. Deliver, store, handle and protect products in accordance with manufacturer's instructions.

B. Store in protected and dry area in manufacturer's unopened protective shipping packaging.

1.9 SEQUENCING AND SCHEDULING

A. Do not install signs until other Work, including painting, is completed.

PART 2 - PRODUCTS

2.1 PRODUCTS AND MANUFACTURERS

A. Acceptable Products and Manufacturers:
   1. Listed products establish standard of quality and are manufactured by ASI-Modulex.
   2. Equivalent products by other manufacturers may be acceptable provided they comply with requirements of Contract documents.

2.2 EXTERIOR SIGNAGE

A. Types ES-1 - Individual Letters:
   1. Description:
      a. Cut stainless steel letters of channel construction; aluminum gage to suit height of letters as recommended by manufacturer to prevent "oil-canning".
      b. Heliarc weld corners and edges and grind smooth.
   2. Sizes, style, text, finishes and colors: As indicated in Schedule.
   3. Finishes:
      a. Painted finish: Manufacturer's standard baked enamel finish, in custom colors as indicated in Schedule.
      b. Anodized: Manufacturer's standard clear satin anodized finish.
   5. Acceptable product and manufacturer: Equivalent to LSP Series by ASI-Modulex.
2.3 ACCESSORIES

A. Provide concealed fasteners or adhesives as recommended by manufacturers and as required for permanent and secure mounting to substrates indicated, suitable for conditions of application and use.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which Work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.

3.2 INSTALLATION

A. Install in accordance with final Shop Drawings and manufacturer's instructions.

B. Install plumb, level and true to line with secure attachment to substrates.

C. Clean signs in accordance with manufacturer's instructions prior to final acceptance.

END OF SECTION
GF-2013-B-0082
AUDITORIUM BUILDING 46E
GUEST ROOMS AND DRESSING ROOMS
RENOVATION

ATTACHMENT C
(PRE-BID CONFERENCE SIGN IN SHEET)
TO AMENDMENT 003
SOLICITATION NO.: GF-2013-B-0082
AUDITORIUM BUILDING 46E, GUEST ROOMS AND DRESSING ROOMS RENOVATION

Friday, December 21, 2012 – 11:00 AM – Building 39, Third Floor, Large Board Room
PRE-PROPOSAL CONFERENCE SIGN-IN SHEET

<table>
<thead>
<tr>
<th>NO</th>
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<th>COMPANY</th>
<th>TELEPHONE NO.</th>
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</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Gerard M. Draper</td>
<td>Prince Construction Co</td>
<td>202-889-5050</td>
<td><a href="mailto:Gerald.M.Draper@PrinceConstruction.com">Gerald.M.Draper@PrinceConstruction.com</a></td>
</tr>
<tr>
<td>17</td>
<td>Herber Beltran</td>
<td>Prince Construction Co</td>
<td>202-889-5050</td>
<td><a href="mailto:Herber.Beltran@PrinceConstruction.com">Herber.Beltran@PrinceConstruction.com</a></td>
</tr>
<tr>
<td>18</td>
<td>Maurice Cronk</td>
<td>FET</td>
<td>202-524-2140</td>
<td><a href="mailto:Maurice.E.Forneye@ForneyeInc.com">Maurice.E.Forneye@ForneyeInc.com</a></td>
</tr>
<tr>
<td>19</td>
<td>Muhammad Abdulal</td>
<td>FET</td>
<td>202-529-2140</td>
<td><a href="mailto:Muhammad.E.Forneye@ForneyeInc.com">Muhammad.E.Forneye@ForneyeInc.com</a></td>
</tr>
<tr>
<td>20</td>
<td>Yashe Vegelzi</td>
<td>FET</td>
<td></td>
<td><a href="mailto:Yashe.E.Forneye@ForneyeInc.com">Yashe.E.Forneye@ForneyeInc.com</a></td>
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<tr>
<td>21</td>
<td>Raj Shukla</td>
<td>Consys, Inc.</td>
<td>202-545-1333</td>
<td><a href="mailto:Raj@Consys-Inc.Net">Raj@Consys-Inc.Net</a></td>
</tr>
<tr>
<td>22</td>
<td>Ronald Alvarenga</td>
<td>u</td>
<td>u</td>
<td><a href="mailto:Ronald.Alvarenga@Consys-Inc.Net">Ronald.Alvarenga@Consys-Inc.Net</a></td>
</tr>
<tr>
<td>23</td>
<td>Keller Baven</td>
<td>Bennett Group</td>
<td>202-625-3330</td>
<td><a href="mailto:Kelsey.Baven@BennettGroup.com">Kelsey.Baven@BennettGroup.com</a></td>
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<tr>
<td>1</td>
<td>Maria Patricia Coreles</td>
<td>Capital Construction Co</td>
<td>904-921</td>
<td><a href="mailto:m.painicic@capitalcef.com">m.painicic@capitalcef.com</a></td>
</tr>
<tr>
<td>2</td>
<td>Lewis Kelley</td>
<td>Rush Technologies Inc</td>
<td>202 291-8751</td>
<td><a href="mailto:kelleyl@rushtechnologies.com">kelleyl@rushtechnologies.com</a></td>
</tr>
<tr>
<td>3</td>
<td>Tom Kamim</td>
<td>Kamim Architecture Inc</td>
<td>202-299-2901</td>
<td><a href="mailto:tkamim@tomkamim.com">tkamim@tomkamim.com</a></td>
</tr>
<tr>
<td>4</td>
<td>Danielle Hittens</td>
<td>W.M. Schlosser</td>
<td>773-1300</td>
<td><a href="mailto:dgittens@wmschlosser.com">dgittens@wmschlosser.com</a></td>
</tr>
<tr>
<td>5</td>
<td>Alberto Gomez</td>
<td>Prince Construction Co</td>
<td>889-5050</td>
<td><a href="mailto:alberto.gomez@princeconst.main">alberto.gomez@princeconst.main</a></td>
</tr>
<tr>
<td>6</td>
<td>Robert Orogen</td>
<td>UDC</td>
<td>202-274-6421</td>
<td><a href="mailto:robert.orogen@udc.edu">robert.orogen@udc.edu</a></td>
</tr>
<tr>
<td>7</td>
<td>Sada Amand</td>
<td>UDC</td>
<td>202-274-6884</td>
<td><a href="mailto:sada.amandc@udc.edu">sada.amandc@udc.edu</a></td>
</tr>
<tr>
<td>8</td>
<td>Clifford Reeves</td>
<td>UDC</td>
<td>421-1012</td>
<td><a href="mailto:clifford.reevesc@udc.edu">clifford.reevesc@udc.edu</a></td>
</tr>
<tr>
<td>9</td>
<td>Surinder Khanna</td>
<td>UDC</td>
<td>403-490-4834</td>
<td><a href="mailto:skhanna@udc.edu">skhanna@udc.edu</a></td>
</tr>
<tr>
<td>10</td>
<td>James Jenkins</td>
<td>UDC</td>
<td>274-5674</td>
<td><a href="mailto:james.jenkins@udc.edu">james.jenkins@udc.edu</a></td>
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