

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. Contract Number DCKA-2007-B-0131	Page of Pages 1   5
2. Amendment/Modification Number 3	3. Effective Date 10/2/2007	4. Requisition/Purchase Request No. N/A	5. Solicitation Caption Construction of Bicycle Transit	
6. Issued By: DDOT Office of Contracting and Procurement 2000 14th Street, NW, 6th Floor Washington, DC 20009		Code	Procurement Support Branch 2000 14th Street, NW, 3rd Floor Washington, DC 20009	
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			(X)	9A. Amendment of Solicitation No. DCKA-2007-B-0131
				9B. Dated (See Item 11) 9/4/2007
				10A. Modification of Contract/Order No.
				10B. Dated (See Item 13)
Code	Facility			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not 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 <u>1</u> copies 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. <b>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.</b> 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)				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14</b>				
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)				
<b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.				
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)				
<p><b>(1) Attached is Division 15950 - System Balancing and Testing consisting of (2) pages.</b></p> <p><b>(2) Questions and Answers to Pre-Bid Conference held on September 27, 2007 consisting of two pages attached with this addendum.</b></p>				
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)			16A. Name of Contracting Officer Jerry M. Carter	
15B. Name of Contractor	15C. Date Signed	16B. District of Columbia		16C. Date Signed 10/2/2007
(Signature of person authorized to sign)		(Signature of Contracting Officer)		

## 15950 SYSTEM BALANCING AND TESTING

### PART 1 - GENERAL

#### 1.1 DESCRIPTION:

- A. This section specifies balancing, adjusting and performance-testing of air-conditioning and ventilating systems with ductwork.

#### 1.2 QUALITY ASSURANCE:

- A. Codes, Regulations, Reference Standards and Specifications:
  - 1. NEBB: Procedural Standards for Testing, Adjusting and Balancing of Environmental Systems.
  - 2. ASHRAE III: Practices for Measurement, Testing, Adjusting and Balancing of Building HVACR Systems.
- B. Instrument Calibration:
  - 1. Calibrate instruments required for air balance within six months prior to use on this project.

#### 1.3 SUBMITTALS:

Submit the following for approval in accordance with the General Requirements and with the additional requirements as specified for each:

- A. Shop Drawings:
  - 1. Test and instrument location plans.
  - 2. After initial balancing measurements, submit shop drawings for additional equipment such as balancing dampers to effect proper air balance.
- B. Certification:
  - 1. Complete air balance report certified by professional engineer licensed in the jurisdiction where the work is to be performed.
  - 2. Collect data in accordance with referenced standards.
  - 3. Submit complete data on standard NEBB testing and balancing report forms without omissions or on approved report forms bearing identical data. Data to include types, serial numbers and calibration dates of instruments and to cover the following:

- a. Air-conditioning units: Sections 15737.
- b. Ductwork including transverse and pilot tube test: Section 15810.
- c. Air outlets: Section 15850.

## PART 2 - PRODUCTS

- 2.1** Provide, as specified in Sections 15810, additional equipment, such as balancing dampers necessary to affect proper air balance.

## PART 3 - EXECUTION

### **3.1 BALANCING AND PERFORMANCE TESTING:**

- A. After completion of installation of air-conditioning and ventilation systems, and prior to acceptance by the Engineer, adjust and balance air-conditioning and ventilation systems and appurtenances applicable to those systems to deliver the air quantities as specified and as shown. Make final tests after modifications are completed. Seal instrument test holes upon completion of balancing operation.
- B. Air Balance:
  - 1. Perform testing in accordance with referenced NEBB Standard, ASHRAE 111 or other approved standard.
  - 2. Perform tests, adjust and balance when outside conditions approximate design conditions as shown for heating and cooling functions.

**END OF SECTION 15950**

**Questions and Answers**  
**Pre-Bid Meeting**  
**Bicycle Transit Center at Union Station**  
**District Department of Transportation**  
**DCKA 2007 B 0131**  
**October 1, 2007**

**Q1:** Will the ramp to the garage be closed during construction?

**A:** The ramp will remain open during construction as per the MOT drawings included in the construction set.

**Q2:** Will any onsite staging areas be available?

**A:** None are planned to be available however with the reconstruction of the main plaza some may become available.

**Q3:** What wind and snow loads are to be used in the design of the building?

**A:** The following design parameters were used:

- The snow load: a minimum of 25 psf plus drifting or 30 psf equivalent uniform load, whichever is greater.
- The wind load: 20 psf.
- Roof live: 20 psf
- Temperature range from 0° F to 120° F

**Q4:** Section 15950 is missing from the project specification book, how can that be obtained?

**A:** Copies were handed out at the Pre-Bid meeting and will be sent out to everyone who picked up the bid package.

**Q5:** Will the structure be independently lit?

**A:** There will be no additional exterior lighting. There will be interior lighting as per the construction plans.

**Q6:** Per Jim Sebastian's Pre-Bid meeting opening comments there are 10 other bike stations in the country, are any of them like this structure?

**A:** No, there are two that are substantially glass structures but none have the same design. See [www.bikestation.org](http://www.bikestation.org) for more details on other bike stations around the country.

**Q7:** Where is the electrical service to be pulled? Will there be any associated fees with this?

**A:** That is still being coordinated with PEPCO. The service application has been filed and will be followed up. However, coordination will need to be completed by the contractor. An allowance for this will be included.

**Q8:** Where will telecom service be pulled?

**A:** The contractor will need to coordinate telecom service with the local provider. An allowance will be included for this item.

**Q9:** What is the expected start date?

**A:** The start date will be effected by the time needed to review the bids and verify contractors credentials, but is expected to be close to December 1, 2007.

**Q10:** With a start date of December 1, 2007 won't most of the work be in the middle of winter?

**A:** It is anticipated that the majority of initial work will be offsite, such as the fabrication of glass panels and structural members.

**Q11:** What is the deadline for submitting questions?

**A:** The final date for the submission of questions is October 3, 2007. All questions are to be submitted to Francis in writing and replies will be included in an Amendment to be sent out to everyone who picks up the bid package.