

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE	
2. AMENDMENT/MODIFICATION NO. 03		3. EFFECTIVE DATE 08/13/2009	4. REQUISITION/PURCHASE REQ. NO. GA 090124
5. PROJECT NO. (If applicable)			
6. ISSUED BY AOC - Procurement Division 2nd & D Streets, SW Room H2-263 WASHINGTON, DC 20515		CODE 9901	7. ADMINISTERED BY (If other than Item 6) CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, country, state and ZIP Code)		(X)	9A. AMENDMENT OF SOLICITATION NO. RFP090053
		X	9B. DATED (SEE ITEM 11) 08/07/2009
			10A. MODIFICATION OF CONTRACT/ORDER NO.
			10B. DATED (SEE ITEM 11)
CODE	FACILITY CODE		

## 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,  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 \_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT 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 your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter 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 ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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 FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

Amendment #2 was never issued; this Amendment #3 is being issued to answer contractor questions. The due date and time for receipt of proposals remains 2 SEP 09.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Frederick Witcher, Jr.	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA By _____ (Signature of Contracting Officer)	16C. DATE SIGNED

Summary Info Continuation Page

Contractor shall furnish all labor, equipment, materials and incidentals to manufacture and install load banks per the attached Statement of Work (4 pages), General Conditions (28 pages), Supplementary Conditions (3 pages), Representations and Certifications (6 pages), Solicitation Conditions (8 pages), Division 1 (30 pages), Specification Sections, Davis-Bacon Schedule DC20080001 and all attachments.

BASE

Number	Commodity Name	Quantity	Unit of Issue	Unit Price (\$)	Total Cost (\$, Inc. disc)
1	Provide and Install Resistive Load Banks w/o Transformers	Total : 1.000000	JB	\$	\$
Description:					

Lump-Sum Price for Base

\$
----

ALTERNATE I

Number	Commodity Name	Quantity	Unit of Issue	Unit Price (\$)	Total Cost (\$, Inc. disc)
2	Provide and Install Resistive Load Banks w/Transformers - Alternate I	Total : 1.000000	JB	\$	\$
Description:Alternate I					

## Contractor Questions and Government Responses

1. Question: We are working on this but there are some inconsistencies in the spec. In particular, it mentions ... three (3) medium voltage resistive 500KW or greater capacity load banks at 13.2kV and further it talks about a 1500kVA dry type transformer . . .

**Response:** There are two ways for providing the load banks. The base bid (Line Item 1) requires no transformer while Alternate #1 (Line Item 2) requires a transformer. See the changes to the Statement of Work on revised Page 5 of 51 (attached; indicated by a line in the right margin). The original page should be discarded and the revised page substituted therefore.

2. Question: Some clarification is needed. A 1500kVA transformer is way overkill for a 500KW load bank. On the other hand, it does say 500KW or greater but I don't think we should quote a 1500KW load bank either.

**Response:** The transformer is only required if Option #1 is awarded. In either case the Scope of Work requires three (3) 500 KW load banks to be provided which will be connected in series making the combined capacity 1500 kW.

3. Question: Locating a load bank (or multiple load banks) in the (below grade) generator exhaust areaway is not feasible. Primarily, the ambient air temperature will likely be much too high to allow for proper intake cooling airflow for the load elements. Also, the load bank exhaust air may or may not exacerbate the situation.

**Response:** The existing generators are exhausted into the air shaft which is completely open to the air above via a grate for the entire ceiling of the air shaft. The load banks exhaust must be vertically discharged thereby providing necessary cooling for the load banks.

4. Question: I can't determine the depth of the exhaust areaway from Attachment.

**Response:** The existing outlined space is about forty (40) feet in depth.

5. Question: Is the intent to be able to test the generators at FULL load (100%)?

**Response:** No.

6. Question: If so, the load bank will need to be 2000KW, utilizing a 2000 kVA transformer. 1500 kVA will only test 75% of rated capacity. Also, the specification calls for (3) load banks but there are (4) generators. Am I missing something? It also seems that there is not sufficient room in the exhaust areaway for three load banks, even if the issues described above were not present.

**Response:** Existing dimensions of the air shaft limit the size and number of the load banks that can be installed. At a minimum, the vendor is to provide three (3)

**resistive load banks. Each load bank is to be sized at 500 kW or greater. If the vendor can supply a load bank with greater capacity than 500 kW, it must be able to fit within the existing air shaft.**

7. Question: I do not see any instructions as to how these units are to be cabled or connected, is that by others?

**Response: The contractor is to design the load banks including cables, conduits, grounding, etc, and connect to the existing disconnect switch (15kV 600A) identified in Attachment A. The proposed control location is also identified in Attachment A.**

**C. Provide and install three (3) resistive load banks with transformers**

1. Provide and install three (3) low voltage resistive 500kW or greater capacity load banks at 480V, outdoor type, vertical air discharge with a 13.2kV/480V step down transformer (1500kVA dry-type); the medium voltage resistive load banks shall have weatherproof exhaust hoods to the resistor cases and blower assemblies. The medium voltage resistive load banks shall be state-of-the-art design, shall have a 2-year warranty, and shall be maintenance trouble-free service. The medium voltage resistive load banks shall meet or exceed all other applicable codes and comply with the National Electrical Code (NEC) 2008. The medium voltage resistive load banks, medium voltage transformer, and the associated devices shall be installed in the **shaded area of the attached floor plan (Attachment A)**. Equipment shall fit within the space provided and function as engineered by the manufacturer. The medium voltage resistive load banks shall have the characteristics as follows and as described in Paragraphs B(1)(a - f) above:

a. The Contractor shall furnish a 1500kVA dry-type step down transformer, 13,200 volts primary and 480 volts secondary, 3-phase, 60 Hz, suitable for outdoor installation. The dry-type transformer shall be designed for 150° C rise (220° C insulation system) with secondary fusing. The transformer shall have primary protection, disconnect or circuit breaker shall be provided. The transformer shall have four heavy-duty lifting eyes.

b. Include all costs necessary to deliver the load banks and associated devices to the designated location inside the underground vault (SVC308Q). Note that the steel beam holding the grating will need the weld connecting the beam to the bearing plate burned off to allow the beam to be removed. Reinstallation will require resetting the beam, re-welding the beam to its respective bearing plates, and touch up painting of the welds.

c. Provide cut sheets, specifications, data and equipment layouts including dimensions for review and approval by the Architect of the Capitol before fabricating the resistive load banks.

d. Provide three (3) bounded binders of approved operations and maintenance (O&M) manuals for each piece of equipment.

**D. Additional Information:**

1. The Government will not provide parking permits for the Contractor's employees and their vehicles.

2. ***Badging Paperwork:*** After the contract is awarded and prior to the Kick-Off meeting, the Contractor shall prepare and submit all paperwork for AOC badges required by the U.S. Capitol Police for each of their employees. For contract scheduling purposes, allow 4 weeks for this process; see AOC 52.223-5, "Special Security Requirements - Services".

3. ***Project Schedule:*** At the 2nd-week after the contract is awarded and prior to the Kick-Off Meeting, the Contractor shall provide a complete schedule of milestones for delivery of equipment.