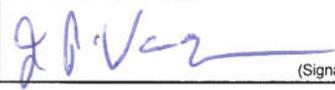


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number DCTO-2010-R-0048	Page of Pages 1 1
2. Amendment/Modification Number DCTO-2010-R-0048 A0001	3. Effective Date See 16C	4. Requisition/Purchase Request No. NA	5. Solicitation Caption Web-based Green Energy System	
6. Issued By: Office of Contracting and Procurement 441 4th Street, NW, Suite 700 South Washington, D.C. 20001		Code	7. Administered By (If other than line 6) District Department of the Environment, WP 1200 First Street, NE, 5th floor Washington, DC 20002	
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code) All Potential Vendors			9A. Amendment of Solicitation No. X DCTO-2010-R-0048	9B. Dated (See Item 11)
Code			10A. Modification of Contract/Order No.	
Facility			10B. Dated (See Item 13)	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input 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>N/A</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. 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)				
E. IMPORTANT: 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.) The referenced solicitation is hereby amended to extend the proposal submission deadline to 2:00 p.m. on April 12, 2010. Attachment A contains questions received from vendors and the District's response to those questions. The question and answer period has closed, so no additional questions will be addressed.				
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 John P. Varghese, Contracting Officer	
15B. Name of Contractor	15C. Date Signed	16B. District of Columbia		16C. Date Signed
(Signature of person authorized to sign)				4/1/10
		(Signature of Contracting Officer)		

Attachment A – Questions and Answers

1. Does the District have a specific budget for this project? If so, what is the value of this project?

The District estimates the price of this project to fall below 200k.

2. What data will be provided by the District to support this project?

The final product should connect live to DC Geographic Information System (GIS) systems operating an ArcGIS server, ArcSDE database and Google Earth server. Map services can also be provided for the final product to consume. The final product should also make use of the District’s Master Address Repository web services for address validation and lookup. Below is a quick table describing data layers that could be used to acquire property characteristics:

Property Characteristic	Data Layer	Data Source	Availability
building area in square feet	Building Polygon	DC GIS	YES
usable roof area in square feet	Building Polygon	DC GIS	YES
estimated age of roof	?	?	NO
roof shading	Building Polygon subtract Tree Canopy	DC GIS	YES
percent of roof shaded	Building Polygon subtract Tree Canopy	DC GIS	YES
percent of property shaded	Owner Polygon subtract Tree Canopy	DC GIS	YES
estimated roof albedo	Perhaps use LiDAR data	NGA	Pending
paved area in square feet	Impervious Surface inside Owner Polygon	DC GIS	YES
impervious area in square feet	Impervious Surface inside Owner Polygon	DC GIS	YES
yard area in square feet	Owner Polygon subtract Building Polygon	DC GIS	YES
pervious area in square feet	Owner Polygon subtract (Building Polygon + Impervious Surface)	DC GIS	YES
total lot area in square feet	Owner Polygon	DC GIS	YES
percent canopy cover	Owner Polygon subtract Tree Canopy	DC GIS	YES
building construction year	This data is not accurate.	DC GIS	NO
property land-use type	Owner Points or Existing Landuse Polygon	DC GIS	YES
watershed where the property is located	Watershed Polygon	DC GIS	YES
sewershed where the property is located	Sewershed Polygon	DDOE	Pending
annual rainfall for the site	Same for all of DC	DDOE	YES
amount of stormwater produced by the site	?	?	NO
estimated stormwater captured on site	?	?	NO
estimated current energy demand	?	?	NO
hot water heater source and model year	?	?	NO
space heating source and model year	?	?	NO
space cooling source and model year	?	?	NO
average monthly electric bill	?	?	NO
average monthly natural gas bill	?	?	NO
utility provider and annual inflation rate	?	?	NO
natural gas provider and annual inflation rate	?	?	NO

3. Will recommended project solutions be provided by the District, or are they to be developed as part of this project?

Both: DDOE already has low impact development solutions ie rain barrels, bayscaping, rain gardens, pervious pavers, and shade trees. However the tool should be able to calculate the impact of these solutions.

4. **Section 3.3.8 of the RFP states, "These staff will perform a site visit/field check of the data to determine its accuracy." Is it correct to assume that these staff members are District staff?**

Yes

5. **How many copies of our proposal are requested? On page 1 of the Solicitation, it states that we need to submit one (1) original and one (1) copy. On page 42 under L.2, the Solicitation states to submit one (1) original and five (5) copies. Would you verify how many copies of our response you would like us to submit?**

Submit one original and one copy. Also provide an electronic version of your proposal on CD.

6. **Does the District have any restrictions regarding the use of off-shore resources for the development of basic datasets (e.g., processing of LiDAR, orthophotos, etc.).**

Basic datasets will be provided by DC GIS and other datasets provided by DDOE. The District does not assume any intensive processing would be necessary. Also, the District's LiDAR data comes from the National Geospatial-Intelligence Agency (NGA) and **will not** be sent overseas.

7. **Where is the data coming from? Does the raw data already exist in a database, if so what kind of database?**

The data will come from DC government. District Department of the Environment (DDOE) will provide an existing Microsoft Access database of homeowners currently using Green Energy solutions. This data can and most likely will be migrated. The majority of the basic data will come from DC GIS systems running ArcGIS Server, ArcSDE database and Google Earth server.

8. **How will this information be captured in the future? Is it updated by owners or is the data pulled from another source?**

The majority of the data is updated by DC GIS and the District government as a whole. It's important to note that all of the data is not of the same timeframe. This is something that the final product will need to consider. For example, LiDAR data was captured in 2009 and the latest Orthophoto was flown in 2008. There are also updates occurring in real time. For example, property lines and related data are updated on a continual basis by both DCRA and the Office of the Chief Technology Officer (OCTO).

9. **Do you see a benefit to hiring a DC-based firm?**

Yes, DC Certified Business Enterprises (CBE) are recognized.

10. **Are you predisposed to prefer open source or proprietary technology?**

The District of Columbia already owns and operates both ESRI and Google technology including ArcGIS Server and Google Earth server. The proposal should not include any costs for this sort

of software. However, if other software is required and there are costs associated, they should be itemized in the proposal.

11. Is there an incumbent vendor who will likely be bidding on this project?

No

12. When would an initial, usable release of the system need to be "live"?

3 months after date of award.

13. Will the size of the vendor be a determining factor on this project?

See Section M of the solicitation.