

# Welcome

## Pre-Proposal Site Visit

Title: Install Back-Up Generator –

Lakemont Data Center

Solicitation VA248-14-R-1875

Project 675-13-103

January 29, February 4 & 10, 2015

# Pre-Proposal Site Visit

## Agenda

- Introduction
- Administrative Particulars
- Solicitation Overview
- Technical Requirement Overview
- Site Walk

# Pre-Proposal Site Visit

## Introduction

### Contracting Officer

- Wayne Boger

### Contracting Officer Representatives (CORS)

- Hector Vargas, General Engineer
- Daniel Riquer, General Engineer
- Miles Wilson, General Engineer

### Architectural Firm

- AKEA, Inc

# Pre-Proposal Site Visit

## Administrative Particulars & Solicitation Overview

Wayne Boger, Contracting Officer

### Admin Procedures

- Sign- In Sheet
- Will Post with Solicitation Amendment
- Remain together
- No photos of Patients or workers

### Requirement Particulars

- Procurement via issuance of FBO
- *100 % SDVOSB Set- Aside*

### Disclaimer

- Response to Questions during Site Visit
- Drawings are not As-Built
- Offerors should verify information in Drawings

# Pre-Proposal Site Visit

## RFI

- Submission Procedure: Send RFIs to the Contracting Officer in accordance with Solicitation instructions NLT 4 PM Feb 4, 2015.
  - **To: Subject Line: RFI-VA248-14-R-1875 | ( Vendor Name)**
- Government Response to RFI posted on or about COB 13 Feb 2015
- Response will be posted to FedBizOpps (<https://www.fbo.gov/>)
- CO is the POC for receipt and response to all RFIs
- Do not contact COR or A/E firm

## Selection Procedures:

- FAR 15, Contracting by Negotiation & FAR Part 36 Construction A/E
- Government intends to obtain “Best Value” using “Trade – Offs”
  - Used when the Government’s may award to other than lowest price or other than the most highly rated technically rated Offeror

# Pre-Proposal Site Visit

## Technical Proposal

- Follow guidance provided in Solicitation
  - (1) Evaluation Criteria/Prep Instructions,
  - (2) Evaluation Factors
  - (3) Proposal Submission Instructions/Content Format
- Response must be specific to this project

## Price Proposal

- Offerors must provide sufficient detail to support proposed Price

Technical and Price Proposals due: February 24, 2015, 1:00 PM  
Local Hand Delivered Proposals:

- Offerors should obtain receipt for proposals

# **Pre-Proposal Site Visit**

## **Technical Project Overview**

### **and Scope**

#### **Hector Vargas, COR/Engineer**

# Pre-Proposal Site Visit

- Project Particulars
  - Security on site 24/7
  - Facility operating hours 7:00am – 5:00pm
  - Construction hours may vary as contractor needs but must be approved ahead of time
    - 7:00am – 5:00pm
    - WHEN hours (Weekends/Holidays/Evenings/Nights)
  - Limited parking at facility



# Overview

- This project will include provision of a manual transfer switch ahead of each of the Data Center panelboards, along with a dedicated standby generator. The new arrangement will allow the Data Center to remain online when selected normal power distribution switchboards require shutdown for scheduled maintenance operations. (In case of normal power failure, the existing emergency generator provides complete backup power to Building 2500, including the Data Center). The second generator also provides another level of redundancy to the Data Center, in the event the existing emergency generator experiences failure.
- Additionally, this project provides a new service entrance switchboard exterior to the existing Mechanical courtyard.
- New exterior electrical gear (switchboard, emergency panel, and Automatic transfer switch) shall be located under a shade canopy. The new standby generator and sub-base fuel tank shall be provided within a weatherproof enclosure.

# Scope of Work

- The SOW shall be as the Solicitation including the Construction Documents and the Specifications provided.
- Specific Project Requirements:
  - a. Contractor shall provide a new Service Entrance Switchboard as indicated in the Solicitation.
  - b. Contractor shall furnish and install new manual transfer switches(MTS) as indicated in the Solicitation.
  - c. Contractor shall furnish and install standby generator as per the Solicitation documents.

# Scope of Work(cont'd)

- Structural considerations: The Construction Contractor shall provide engineered drawings by a licensed Professional Structural Engineer on all pads for generator, new switchboard lineup, and canopy support footings.
- Site considerations:
  - 1) Known, existing underground utilities are shown on construction documents with best approximation. Construction specifications require contractor to perform ground penetrating radar survey to reveal all existing utilities before trenching.
  - 2) Existing main service entrance switchboard enclosure (located between the two cooling towers) to be gutted and reused as pull box for splicing new service feeders onto existing service feeders.
  - 3) Existing service entrance ATS to remain in mechanical courtyard.

# Scope of Work (cont'd 2)

- Building Interior:

1) New feeders to Data Center from the exterior of the building and routed as per plans.

2) Step down transformer for 208V Data Center Panelboard to be located in Electrical Room 141(in lieu of building exterior, to allow a smaller 480V feeder to be routed across the building, above ceiling.

# Proposed Construction Phasing- as suggested by Design Engineers

- The Solicitation includes suggestions by the Designer of Record on phasing the project, the vendors may use this as a guideline, but the VA encourages innovative approaches to project execution as long as it does not burden the Government.

# Deductive Alternate No. 1

- Contractor shall bid all the times in the scope of work except the new generator set, which includes providing the construction of the infrastructure for a future generator installation as shown in the Final Construction Documents. This still allows the Data Center to be switched over to alternate normal power feeders and to the 'whole building' 1.5mW generator system), but the additional level of standby generator redundancy would be postponed.

# Other Construction Items to consider

- Badges – Engineering will issue id badges- list of personnel required to be submitted to the Medical Center
- Job site cleanliness
- Schedule – bulk of the work during WHEN hours.
- Length of project – 180 days
- Pre Construction Submittals: AHA, APP, QCM Plan.

# Lakemont Site Plan





# Pre-Proposal Site Visit

- Construction project:
  - VA provided 100% construction drawings/specifications
  - Existing site utilities – Electrical lines, Sprinklers
  - Electrical connections –

# Pre-Proposal Site Visit

- Questions or Comments
- Reminders
- No photographs of patients or employees
- Stay grouped together
- Government will entertain RFI
- All RFIs **MUST** be submitted to the CO in writing