

RFI NBR	Question Response	Vendor	Dated Received
1.	There will have to be multiple outages to perform this project to its successful completion. They involve all circuits feeding the building from the main board that is to be replaced. Is there any information available as to the length of time Data Center Panels CDP, APC-UPS, and P1E can be without power?	BlueForge, LLC	02-04-15
Response	Data Center Panels cannot be down for any period due to new applications being added last week of January /1st week of February 2015. The vendor shall formulate a plan as to keep the Data Center Operational during the project duration.		
2.	Is there any information available as to how long Equipment / Panels DH1A, DH1B, Transformer T1B, Transformer T2A, MCC, Chiller # 1, and Chiller # 2 can be without power?		
Response	Any power fed into the Data Center to maintain the temperature and the operation of the data center needs to be kept active throughout the project duration.		
3.	On the site visit, it was observed that an ongoing project has installed an underground pipe in the vicinity of the NEW UG PULLBOX depicted on sheet E-101. Can this pull box be relocated?		
Response	The pull-box may be relocated as necessary; the location must be properly coordinated with existing underground utilities. Additionally, the relocation of the UG pull box may in turn affect the number of additional pull boxes if required by the National Electrical Code.		
4.	Will the VA consider scheduling an additional site visit?		
Response	Yes, Site visit is schedule for 02/10/2015. Time 2:00		
5.	Recent design, fabrication, and delivery times from switchboard and generator manufacturers exceed the available time to receive, install, and test this equipment within the project's 180 calendar day period of performance. Will the VA consider an alternative longer period of performance?		
Response	An alternative longer period of performance shall be entertained should the time for design, fabrication, and delivery of switchboard and Generator impact the 'originally planned and included in the solicitation' period of performance is not sufficient.		
6.	Are there existing "as built" documents available that depict the sizes of the existing branch circuit cables that feed all of the building's equipment and also the feeder cables coming from the ATS switch inside the existing outdoor main switchboard? These are cables that are depicted as being spliced on to with new conductors. If "as built" drawings do not exist, perhaps the VA can arrange for these panels to be opened sufficiently to inspect at another site visit.		
Response	The only 'as constructed' single line diagrams available for Lakemont Building was drafted in 1989. These drawings have		

	been attached to the RFI responses as “FOR INFORMATIONAL USE ONLY”; the Government does not accept responsibility for the information contained therein and suggests a field investigation of the ‘existing conditions’. The VA’s Electrical Shop Foreman has notified the Project Engineer that he will allow for the prospective vendors to take a look at the wiring sizes in the existing switchboard.		
7	Are there any existing “as-built” documents that depict the type of the insulation of the existing cable feeder and branch circuit cables that are inside the existing outdoor main switchgear		
Response	The only ‘as constructed’ single line diagrams available for Lakemont Building were drafted in 1989. These drawings have been attached to the RFI responses as “FOR INFORMATIONAL USE ONLY”; the Government does not accept responsibility for the information contained therein and suggests a field investigation of the ‘existing conditions’. The VA’s Electrical Shop Foreman has notified the Project Engineer that he will allow for the prospective vendors to take a look at the wiring sizes in the existing switchboard.		
8.	We respectfully request clarification of LENGTH OF OUTAGES that are possible. There will have to be multiple outages to perform this project to its successful completion. They involve all circuits feeding the building from the main board that is to be replaced. Is there any information available as to the length of time Data Center Panels: CDP, APC-UPS, PIE can be without power ?	Greenway Electric	
Response	Refer to response #1.		
9.	Ref Specification Section 26 00 00: Is there any information available as to how long Equipment / Panels: DH1A, DH1B, Transformer T1B, Transformer T2A, MCC, Chiller # 1, Chiller # 2 can be without power? If it is unknown, then we will price accordingly.		
Response	If the equipment listed impacts the Data Center, then no outage is allowed for them. Only outages that will be considered are those that do not impact the Operations, Cooling, or any equipment related to the Data Center.		
10.	Can an additional site visit for all interested parties be scheduled		
Response	Yes, Site visit is schedule for 02/10/2015. Time 2:00.		
11.	Ref Specification Section 26 00 00, Drawing Sheet E-101: On the site visit, it was observed that an ongoing project has installed an underground pipe in the vicinity of the location of the NEW UG PULLBOX depicted on sheet E-101. Can this pull box be relocated?		
Response	Please refer to response #3.		
12.	Ref Specification Section 26 00 00 Drawing Sheet E-200. Are there existing record drawing documents available that depict the sizes of the existing branch circuit cables that feed all of the buildings equipment and also the feeder cables coming from the		

	ATS switch inside the existing outdoor main switchboard ? These are the cables that are depicted as being spliced on to with the new conductors		
Response	Refer to response #6 and & #7 .		
13	Ref Specification Section 26 00 00 Drawing Sheet E-200.: Is there any existing record drawing documents that depict the type of the insulation of the existing cable feeder and branch circuit cables that are inside the existing outdoor main switchgear?		
Response	Refer to response #6 and & #7.	Blue Cord	02-04-15
16.	What is the down time allowed for the data center?		
Response	Refer to response #1.		
17.	Who is responsible for the first fill of fuel for the generators?		
Response	The vendor is responsible for the first fill of the generator		
18.	Who is the authority of having jurisdiction		
Response	The AHJ will be the VA. The vendors shall take extreme care as to not interrupt, or otherwise impact the lift station that is in the yard because it is owned by the City of Orlando or OUC, and should impacts occur, then the City of Orlando or OUC inspectors will want to be engaged. Inspections to the Contractual work will be performed by the VA and by the Engineer of Record.		
19.	Who will do the inspections?		
Response	Inspections to the Contractual work will be performed by the VA and by the Engineer of Record.		
20.	Who is paying for permitting and what entity should permits be applied to?		
Response	The VA COR is not aware of 'specific' permitting required; but suggests that the vendor verify. Vendors Shall refer to the solicitation prescription at FAR 36.507 and the Clause 52.236-7 "Permits and Responsibilities which is inserted by reference".		
21.	Is a remote annunciator panel required? If so m where should it be located?		
Response	Vendor shall refer to Drawing E-200 and Contract Documents for remote annunciator requirements and location.		
22.	Is any remote monitoring or remote communication needed for the generator?		
Response	Vendor shall refer to the Construction Drawings and Specifications to determine the system's requirements.		
23	Is Caterpillar the only accepted manufacturer for the generator?		
Response	The project does not indicate a brand specific requirement; however, the vendors shall ensure that introducing a different brands to the existing Electrical System other than those in place may require additional work to ensure system compatibility.		
24.	Who pays for the coordination study?		
Response	The coordination study shall be the responsibility of the Vendor.		
25.	Do all the underground conduits need to be encased in concrete?		

Response	Please refer to the Construction Drawings, Specifications, and Solicitation package for the guidelines necessary. Electrical subcontractors shall perform all the work as per the N.E.C., latest adopted Edition or edition specified in the Construction documents. It is the responsibility of the Electrical subcontractor to protect underground conduits as per NFPA, Florida Building Code, VA Guidelines, the TIL Specification and Project Specific Specifications included in the Solicitation in fact or referenced therein.		
26.	Should the generator enclosure match the existing generator enclosure as far as construction (i.e. walk-in design)?	Blue Cord	02-05-15
Response	Please refer to the Construction Drawings, Specifications, and Solicitation package for the guidelines necessary.		
27.	Should the new generator enclosure be steel or aluminum?		
Response	Please refer to the Construction Drawings, Specifications, and Solicitation package for the guidelines necessary.		
28	Are we utilizing the existing fuel tank? The spec only calls for a 24 hour day tank.		
Response	Please refer to the Construction Drawings, Specifications, and Solicitation package for the guidelines necessary.		
27.	Who is responsible for the first fill of fuel for the new generator?		
Response	The vendor is responsible.		
28	Who is responsible for the design of the fuel piping plan for the new generator?		
Response	The vendor is responsible. Please refer to the Construction Drawings, Specifications, and Solicitation package for the guidelines necessary.		
29.	What is the time frame under which the Contractor may interrupt the power to the Data Center, I.E. how many hours continuous down time per outage, and how many power outage periods will be allowed?	CPS	02-06-15
Response	Please refer to Response #1		
30.	Will temporary power be required		
Response	Refer to response #1		
31.	If temporary power will be required, what load capacity will the temporary power be required to support?		
Response	Vendor shall perform the necessary calculation to determine load capacity. The load capacity should be no less than the sum of the main overcurrent protection devices' ampacity rating of the branch panels or loads that would be temporarily fed.		
32.	On the job site walk through yesterday it was mentioned that there would be a temporary hook up to generator, but nothing is shown on the drawings. Can we get this clarified and if required are you providing drawings and specs?	Abrams Group	02-11-15
Response	There is no existing temporary hook up to the generator, the Vendor needs to make arrangements to keep the data center operational while the transfer takes place.		
33.	Has an asbestos survey been completed for the proposed work areas		

	and if so is any abatement required?		
Response	No known asbestos survey has been completed in the area.		
34.	180 days is being allowed for this project. If the back up generator deduct is awarded, would more time be allowed due to a minimum of 16 weeks for delivery?		
Response	Refer to Response #5.		
35	How many days' notice is required prior to an outage?		
Response	14 days is the standard period for Power Outages. Coordination with the Contracting Officer and COTR is required, but the Data Center cannot be taken down.		
36.	What size tank is required for the back up generator?		
Response	The vendor is responsible to calculate the size of the fuel tank, but it has to meet the time requirements for back up as set forth in the Construction and Solicitation documents.		
37.	Specification:26 00 00 Drawing Sheet: E-200 During a planned outage , does the data center need to have air conditioning, A: if the entire center is down for panel change over to the MTS set up. B: if the panels are fed from temporary power and the data center equipment is kept running pr brought back up in a short time. (I.E. can the existing equipment operate without continuous air conditioning?)	Greenway Electric	02-11-15
Response	Refer to Response #1.		
38.	Solicitation states that the project must be complete within 180 Days from NTP. Estimated delivery of the Generator and switchgear specified will be at least 134 days to receive these materials. This only provides us with 46 days left to complete the project. Can more time be added to the Construction schedule?	Blue Cord	02-11-15
Response	Please refer to Response #5.		
39.	(a)The plans show three manual transfer switches yet the submittals only refer to automatic transfer switches. Are they manual or automatic? (b) If automatic a control circuit for each one would be required to be run to the generator for start up? This is not shown on the drawings. (c) : If manual, there is a note on sheet E300 which states that if deductive alternate one is chosen the bypass feature on the transfer switch would be omitted. I do not believe this is possible on a manual transfer switch. Please clarify. Regards;	Abrams Group	02/17/14
Response	(a) The SOW is to provide Manual transfer Switches as shown on the drawings and Specs. (b)The switches are "manual". (c) A typical ASCO 7000 Series Non-Auto Transfer Switch (Basis of Design)(electrically operated, manual control) can be ordered		

40.	Several of the government's responses to RFI questions in Amendment 002 refer to 'as constructed' drawings being attached "FOR INFORMATIONAL USE ONLY". Unless I have overlooked something, I do not see those drawings issued with the Amendment on fbo.gov. <i>SPECIFICALLY</i> , RFI Responses 6 and 7.	BlueForge	02/17/15
Response	Additional Drawings are provided in amendment A00003		