



**Questions and Answers #1  
RFP F50P9400010  
DC Plant Power  
December 11, 2018**

Ladies and Gentlemen:

This list of questions and responses is being issued to clarify certain information contained in the above-referenced RFP. The State's responses are italicized. The statements and interpretations contained in responses to any questions, whether responded to verbally or in writing, are not binding on the Department unless the RFP is expressly amended. Nothing in any response to any questions is to be construed as agreement to or acceptance by the Department of any statement or interpretation on the part of the entity asking the question.

1. Is the power plant system set up for 120 amp load N+1 for redundancy already or do you want this to be 120 amp load plus N+1?

**ANSWER:** *The current plant is set up for 120 amp load N+1 relying on generator.*

2. How many breaker positions does the State want for the distribution? Typical distribution is 15, 20, 30 or 60 positions.

**ANSWER:** *DoIT's current set up is 40 positions, 20 for each buss, utilizing 23. DoIT requests 30 positions, 15 for each buss.*

3. Do you require a split buss or single buss?

**ANSWER:** *Split buss.*

4. What amperage do you want each breaker to be for the distribution?

**ANSWER:** *DoIT requires that the amperage for each breaker range from 30A-100A. Currently, we have breakers ranging from 30A-100A- 30A (Qty. 6), 50A (Qty. 2), 70A (Qty. 4), 80A (Qty. 2), 100A (Qty. 1).*

5. What AC input is available for the new plant? Does the State have 208/240 single available?

**ANSWER:** *208V, believed to be single.*

6. Is the 4-hour battery requirement a 10 year or a 20 year VRLA product?

**ANSWER:** *10 year.*



7. Do you require battery breakers/disconnects or can we use Anderson quick disconnects per string(s)?

**ANSWER:** *Anderson connectors are acceptable. The State is just looking for string isolation.*

8. Will the selected contractor reuse all of the existing DC feeders currently in place in which all we would have to do is rework them / maybe just re-lug them?

**ANSWER:** *The selected contractor will reuse the existing feeders supplying the DoIT equipment.*

9. Are the current distribution feeders top feed or bottom feed?

**ANSWER:** *Top feed.*

10. Will you have all the backups of the switch done prior to us arriving on site on the cutover of the DC Plant?

**ANSWER:** *The two (2) existing faulty battery strings need to be removed and the new plant installed, in their location, before anything can be wired in. Once installed, the State will need to have an electrician tie into the breaker panel, running new power to the location of the new plant. The State will have redundant, new and old, plants in place until all equipment is migrated to the new set up.*

11. Do the plant and batteries sit on concrete or raised floor tiles?

**ANSWER:** *The plant and batteries sit on a concrete floor, not raised floor tiles.*

12. Is the State looking for a full turnkey solution which includes all AC and DC work?

**ANSWER:** *The State is looking for a new plant. Once the new plant is in place, the State will have an electrical contractor run the feed to power the new plant. Once the feed has been run, we will need the contractor selected from this RFP to tie into the new plant. See the Answer to Question 10 for more information.*