

QUESTIONS AND ANSWERS

Question 2 & Answer

Please confirm/clarify the followings:

- The equipment are to be purchased and installed by the contractor.
- **Yes.**
- The primary voltage of transformer is 12.5kV. Transformer primary voltage is specified as 12.5kV on drawings and 12 kV on spec. Please clarify which one is correct.
- **12.5kV is correct.**
- Short circuit and arc flash study to be done by contractor as part of this project.
- **Yes, for equipment affected by this project.**
- Is there any surge arrester on existing transformer and/or switchgear?
- **Unknown.**
- Is there any specific reason for duration of the job to be 28 weeks? Is the rental generator required for the whole duration?
This is an estimated duration based on the estimated delivery time for the new transformer. The rental generator is not required for the entire duration, only during the actual shutdown time.
- Is there any shut down schedule to accommodate the followings:
- **The shutdown schedule must be carefully coordinated between the successful contractor and PSPC/CSC.**
 - o Transfer the load from existing transformer to Generator
 - o Disconnect loads from existing 600V panel and connect them to the new 600V panel
 - o transfer loads form Generator to new transformer

Question 3 & Answer

Would it be possible for the electrical contractor to replace the transformer and the panel 16P1 in one shutdown?

Yes.

If we are able to replace both the transformer and panel 16P1 in the same instance; would a generator be required?

Schedule and duration of shutdown to be reviewed and approved by PSPC/CSC.

Where are we able to connect to the panel downstream.

At the panel in the electrical room.

Please confirm that the facility is aware that during the time the panel is to be connected to the generator that there will not be any power within that panel.

PSPC/CSC to confirm.

Question 4 & Answer

The drawings indicate to provide temporary power during the transformer replacement. What about when 16P1 is being replaced? Are we to provide temporary power downstream? Please provide details and generator sizing.

It is anticipated that the transformer and panel will be replaced during the same shutdown. Generator size is identified on drawings (600kVA minimum).