



IFB 25B-004

Electrical Gear Replacement at the HCC Student Center

ADDENDUM 2

February 14, 2025

Question 1: “Per the spec for the short circuit study is for new equipment. I believe it then starts at the new 480V main and extends down to the 1200A ECB on the secondary of the 300kVA xfmr. I agree with the scope for the short circuit study.

For the Arc Flash; I believe installing new labels on new equipment only does not meet NFPA 70E. See excerpt Below. It is my understanding new arc flash labels are required for all new and existing panels when there are major electrical changes which is occurring for this project. NFPA 70E requires new labels every 5 years or sooner if there are changes. So even if the existing panels have arc flash labels less than 5 years old they are required to get new labels.

The National Fire Protection Association (NFPA) Standard 70E Article 130.5 states that an arc flash assessment must be updated if a major modification or renovation takes place, and it must be reviewed periodically at intervals not to exceed 5 years. This does not mean that you should wait five years to perform an update. If changes occur on your electrical system that have the potential to impact arc flash energy, the arc flash assessment should be reviewed immediately.

Response 1: Contractors shall include in their bid submittal the additional costs to meet the requirements for a short circuit, coordination and arc flash studies for both new and existing panels and including the requirement for new arc flash labels.

Reminder: Acknowledgment of all addenda must be noted in the bid form in the appropriate area. Failure to note the addenda in the appropriate area of the bid submittal may deem the bid submittal as Non-responsive.