

Introduction & Background

Carving this project out of Substation R&R Projects - Transformer Replacements (Index No 788-88D). On October 8, 2021, the Kennedy TP7SU transformer experienced catastrophic failure. A spare transformer was temporarily installed until such time that a custom designed transformer for this location could be procured. The spare transformer currently installed as Kennedy TP7SU is also the lone spare transformer for customer Commercial Metals. It would be beneficial to return this transformer to spare availability in case of customer need. This transformer is also a spare for Kennedy TP8SU.

Project Justification/Scope of Work

The contractor is responsible for relocating a portion of fire suppression and preparing for the replacement of the existing TP7SU transformer with a new transformer. JEA will provide the crane services to replace the existing transformer and relocate it to the spare transformer pad within the Kennedy Substation. The contractor must clear the site and support the crane company during the transformer swap at the Kennedy Substation.

Additionally, the contractor is required to replace the existing UG cables between the TP7SU and switchgear building with new 750MCM CU UG cables (5 per phase), install control cables, and furnish a new stair to reach the control cabinet.

The contractor must mobilize crews in November and pull the underground (UG) cables in advance to ensure readiness for the scheduled outage. The outage is planned for the first week of December.

JEA will provide UG 750MCM CU UG cables, jumpers, and connectors. The contractor will be responsible for picking up the materials from the JEA storeroom and furnishing all other materials needed to complete the work as described within drawings and documents.

The contractor shall provide competent construction management to direct, oversee, monitor, and coordinate and track construction activities among all sub-contractors on-site for all trades.

Lastly, the contractor shall provide an as-built drawing to JEA within 60 days of acceptance.

Project Location

4215 Talleyrand Ave, Jacksonville, FL 32206

Owner Stakeholders

Project Manager: Mir Roh (rohj@jea.com) 904-665-5887

Engineering Contractor: John Franko (ifranko@chenmoore.com) 404-201-0128

Construction Administrator: Jay Howard (hockhj@jea.com) 904-540-9870