



RICHARD B RUSSELL SWITCHYARD REHAB

CONTRACT NO / AWARD DATE:

W912HN-14-C-008 / July 2014
KECI NO 14-2009

JOB SITE LOCATION:

Richard B Russell Power Plant
4144 Russell Dam Drive
Elberton, Georgia 30635
Contact: Robert Siegle
T 706.213.3422
Contact: Earl McGhee
T 864.333.1195

OWNER:

US Army Corps of Engineers
Savannah District
100 West Oglethorpe Avenue
Savannah, Georgia 31401-3640

GENERAL CONTRACTOR:

Koontz Electric Company, Inc
1223 E Broadway
Morrilton, AR 72110
Project Manager: Jamie Zimmerman
T 501.242.6135
F 501.354.2580

INITIAL MOBILIZATION / EST COMPLETION DATE:

January 2015 / September 2015

CURRENT CONTRACT AMOUNT:

\$1,898,898



SCOPE OF WORK:

Richard B. Russell Dam and Lake was the U.S. Army Corps of Engineers third multipurpose "project" in the Savannah River Basin. Authorized by Congress under the 1966 Flood Control Act, the Russell Project was built between 1974 – 1983 for the purposes of hydropower, incidental flood control, additional stream flow regulation, water supply, water quality, recreation, and fish and wildlife management. Koontz Electric Company Inc. (KECI) was awarded the RICHARD B RUSSELL SWITCHYARD REHAB in July of 2014. The project is located on the Savannah River at the border of South Carolina and Georgia.

Koontz Electric Company Inc. (KECI) primary responsibilities for this project will include removing and replacing the existing switchyard equipment at the Richard B. Russell Powerhouse. The work includes electrical work and incidental related work including, but not limited to, the following:

- Removal and disposal of existing 230KV oil circuit breakers, including oil.
- Removal and disposal of two oil storage tanks and all buried oil piping in switchyard.
- Installation of new, Government-furnished 230KV SF6 circuit breakers including replacement of existing control cables in duct bank between the switchyard and the Main & Auxiliary Switchboards in the powerhouse.
- Required modifications to 230KV bus work to accommodate the new breakers.
- Replacement of cabling between the breakers and the switchyard panels.
- Coordination of Kirk Key Interlock System.
- Testing of grounding connections at each breaker.
- Infrared scan of the completed switchyard.
- Testing of overall ground mat resistance of the completed switchyard.
- Providing as-built corrections to contract drawings, including preparation of full panel wiring diagrams of Main and Auxiliary Switchboard panels affected by this work