

David Generator Load Bank Breaker Installation

PROJECT NUMBER: DEW-113



October 15, 2018

South Carolina Department of Employment and Workforce

Robert E. David Building

1550 Gadsden Street, Columbia, SC 29201

Project No.: DEW-113

Project: David Generator Load Bank Breaker Installation

Specifications:

General

1. All work shall conform to applicable Building Codes, with specific attention to the International Building Code (IBC 2015) and the National Electric Code (NEC 2015).
2. All work shall conform to all federal, state, and local ordinances.
3. Contractors shall submit all items necessary to obtain all required permits to the appropriate Regulatory Agencies, obtain all required permits, and pay all required fees.
4. All equipment shall bear labels attesting to Underwriters Laboratory approval as required.
5. Construction will occur during NON-NORMAL WORKING HOURS. Normal working hours are Monday through Friday, 7:00 AM to 5:30 PM. Work will only occur from 7:00 AM to 6:00 PM on a Saturday or Sunday and must be approved by the agency. Any deviation from this schedule must be approved and submitted 72 hours in advance.
6. Only copper wire is permitted as required by NEC 2015.
7. Bidder will use the bid form in this project manual, otherwise bids on any other form may be rejected.

Load Bank Breaker

1. Install 800A, 600V load banks breaker on agency 500KW Cummins generator. Breaker shall be molded case to match existing match exist service disconnect, see Exhibit A. The breaker shall be sized and set for protection of the generator.
2. Approved breaker manufacturers are Square D, Siemens, Eaton, GE.
3. Breaker load cables shall be run through the generator current transformers to be able to read load bank on the generator metering.

Grounding

1. Load bank breaker should still be grounded as required at generator for protection.
2. All grounding systems, components shall comply with NEC, UL, IEEE and established industry standards.

Exhibit A



DEW BID FORM

SC Department of Employment and Workforce

(Bidder may not qualify their quote or alter the quote requirements.)

Project Number: DEW-113

Project Name: David Generator Load Bank Breaker Installation

Bid Time: October 23, 2018, 4:00 PM, email: gholmstrom@dew.sc.gov, , or deliver to 1550 Gadsden St., Columbia, SC 29201, Suite 623

Bid Submitted By: _____
(Bidder Name)

Bidder agrees that this bid may not be revoked or withdrawn after the opening of bids unless mutually agreed upon by Bidder and DEW, and shall remain open for acceptance for a period of 60 Days following the Quote Date, or for such longer period of time that Bidder may agree to in writing upon request of the Owner.

BID Amount:	
Addendum (List # of addendums and cost per addendum):	
Total Bid:	

Bidder Address: _____

Representative Name: _____

Rep's Phone & E-Mail: _____

License Number: _____

I acknowledge receipt and acceptance of the following numbered Addendum(s): _____

Rep's Signature and Date: _____