



/ Opportunities

Charlotte Area Transit System / Commodities & Goods

DC Pad Mounted Disconnect Equipment Purchase

The current Blue Line (BL) Traction Power Substation's Pad Mounted Disconnect DC Switchgear, (eight (8)), was put into service 16 years ago on November 4, 2007. The Maintenance of Way (MOW) department has exhausted its in-house spare parts for this system, which has become obsolete. The pad-mounted disconnect DC switchgear for the BL is required for a mid-life refresh. MOW is upgrading and refreshing the Pad Mounted Disconnect DC Switchgear equipment for the BL. Scope:

Vendor will provide nine (9) 2kA pad-mounted DC disconnect switch line-ups at the locations specified in the drawings. All disconnect switch line-ups shall be pre-assembled and include the following components:

Exterior operating handle (for manual operation, pad-lockable in both the open and closed positions)

2kA rated bolted pressure switch

Glastic standoff insulators

Mechanical lugs

500 MCM mechanical lugs

Switch control circuit boards

Copper bus to switches

Limit switch for remote indication

Solenoid interlock

"MAC" switch nameplate with switch serial number and rating

AC Relays

The Pad Mounted Disconnect DC Switchgear is designed for installation on a concrete pad outdoors. It allows for the isolation of a power circuit by physically disconnecting the conductors, functioning as a large, weatherproof switch that can be operated safely without exposing live parts to the environment. PSR # 1816

Details

Posting Number	2025-Q1(Jan-Mar)-CATS-16707
Anticipated Posting Date	2025-03-15
Commodity Code(s):	28567, 28579

Requirements

Last Updated: 01/28/25

Insurance Requirements

The City requires the awarded vendor(s) to obtain and maintain the following insurance coverage types:

- Automobile-For automobile operations liability
- General Liability-For bodily injury or property damage, arising from products, premises, completed work, personal & advertising injury
- Workers Compensation-For lost wages and medical expenses of injured workers

Estimated Total Value

The total project value is anticipated to be:

- \$500,000 - 999,999

Contract Term

The term of the project is anticipated to be:

- One Time Purchase

For Questions, Contact:

Karley Shaffer

Procurement Officer

Karley.Shaffer@charlottenc.gov