



Maryland
Transportation
Authority

SPECIAL PROVISIONS

Contract No. KB 2424-000-002

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SP 1-1 PROJECT DESCRIPTION

CONTRACT NO.: KB 2424-000-002

TITLE: Miscellaneous Rehabilitation of Electrical Gear

FACILITY: Francis Scott Key Bridge Administration & Maintenance Buildings

LOCATION: Baltimore County

ADVERTISED: May 4, 2010

PRE-BID MEETING: **May 20, 2010 at 10:00 a.m** in the Conference Room at the Maryland Transportation Authority, 300 Authority Drive, 1st Floor, Engineering Building, Baltimore, MD 21222

PROJECT CONTACT: Project Manager: Mr. Kataw Say (410) 537-7853
Contract Administration: Ms. Maggie Johnson (410) 537-7807

BIDS DUE: **12:00 Noon, June 10, 2010** in the Bid Box on the 1st floor of the Maryland Transportation Authority, Engineering Building, 300 Authority Drive, Baltimore, MD 21222

CLASSIFICATION: Class B (\$ 100,001 – \$ 500,000)

CONTRACT TIME: One Hundred Twenty (120) Calendar Days

LIQUIDATED DAMAGES: **\$ 800.00 per Calendar Day**

MINIMUM MBE GOALS: Overall 0 %
Women owned businesses 0 %
African-American owned businesses 0 %

SMALL BUSINESS RESERVE PROCUREMENT

BID DOCUMENTS: **\$ 50.00** - Bid documents can be purchased between 7:30 a.m and 3:30 p.m., Mondays, Wednesdays, Thursdays and Fridays and between 10:00 a.m. and 4:00 p.m on Tuesdays at the Ticket Office located at the Francis Scott Key Bridge, Maryland Transportation Authority, Administration Building, 303 Authority Drive, Baltimore, MD 21222.



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The work to be performed under this contract is located at Francis Scott Key Bridge Administration and Maintenance facilities in Baltimore County.

The project involves electrical work which consists of removing and replacing existing circuit breakers and reconfiguring an emergency circuit, including replacing a transformer, at the Administration and Maintenance buildings. This work includes all work to remove and replace existing breakers, transformer, wiring, conduit, flexible conduit and make all final connections. All work and materials necessary to provide complete and functioning systems shall be included.

FPE (Federal Pacific Electric) no longer manufactures acceptable circuit breakers for the existing panelboards. The contractor will be responsible for replacing the circuit breakers with circuit breakers that are compatible with the existing panelboards from existing manufacturers, in accordance with the specifications and drawings.

The Maryland Transportation Authority operates 24 hours a day, seven days a week. So, scheduling the work involves working at times that will have the least impact, and also means working on Live or Hot 480 VAC panelboards for the Emergency panelboards circuit breaker replacement. The Emergency circuit, backed up by UPS, will also be Hot during the Main switchboard circuit breaker replacements, running on the emergency generator. The Main switchboard circuit breakers and remaining circuit breakers to be replaced, as described in the specifications and drawings, will be de-energized or Dead. De-energizing the Main switchboard will require coordination with Baltimore Gas and Electric (BGE).

There is an automatic transfer switch for the generator which will need to be configured so that switching is not automatic, nor able to back feed into the Main switchboard, yet keep the Emergency circuit operating during the Main switchboard circuit breaker replacements.

Personnel safety is the priority. The Maryland Transportation Authority shall require strict adherence to OSHA and NFPA 70E requirements. Close coordination with the Maryland Transportation Authority Master Electrician is imperative, and required.

Overall Project construction would be expected to take **One Hundred Twenty (120) days** from the Notice to Proceed including materials submission & approval and lead time. It is expected that actual on site work would be comprised of several night and weekend work periods.

SP 1-2 SPECIFICATIONS

All work on this project shall conform to the Maryland Department of Transportation, State Highway Administration's Specifications entitled, "Standard Specifications for Construction and