

FY15 EMERGENCY GENERATOR SERVICES

DETERMINATION AND FINDINGS
FOR
EMERGENCY PROCUREMENT

Contract No.:
Caption: Generator Service
Proposed Contractor: Mona Electric
Program Agency: Department of Corrections

Findings

1. **Authorization**

D.C. Official Code §2-354.5, 27 DCMR 1702, 1702.1 and 1702.2

2. **Minimum Need**

The Office of Contracting and Procurement on behalf of The Department of Correction (DOC), requires an immediate need for a certified generator service technician to provide electrical services to (4) four emergency generators located at Central Detention Facility (CDF). DOC houses an average of 2,164 inmates daily and is responsible for the safety of staff and inmates. The generators provide backup power services for the entire jail in the event of electrical service interruption.

The period of the emergency procurement shall be for 120 days, from January 6, 2015 to May 5, 2015.

3. **Estimated Fair and Reasonable Cost**

The estimated fair and reasonable price to provide the required services is \$50,000.00.

4. **Facts that Justify an Emergency Procurement**

The Central Detention Facility (CDF) operates four emergency generators that provide backup power services for the entire jail in the event of electrical service interruptions. Three of the generators were installed when the CDF was constructed in the mid-1970s; a fourth was transferred from the Lorton Correctional Facility in 2005 but dates to the early 1980s. All generators are over 30 years old, beyond the expected useful life for such equipment. Further, parts are no longer in production or readily available. DOC is working with the Department of General Services (DGS) to develop a plan for the capital replacement of the generators. In the meantime, DOC must diligently maintain the equipment to ensure continued operation.

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DOC relies on the proper operation of its emergency generators to ensure continuity of power to emergency and life safety systems at the jail in the event of a Pepco power interruption. Generator systems must be in proper operating conditions at all times to protect the safety of staff and inmates alike. In the event of a generator failure the jail would experience loss of power to lights, heat distribution, fire control, and medical equipment and cell door/security gate operations.

DOC staff performs weekly operational tests and quarterly load testing of all generators to ensure their continued ability to provide emergency power services. To ensure proper operations the generators also require annual major preventive maintenance service by certified electrical generator technicians. According to internal records, the last scheduled preventive maintenance service for the generators was in 2013 and prior to that 2011.

On December 17, 2014 during the course of a quarterly load test, one of the generators failed to properly switch from generator-mode to traditional power mode thus failing the emergency testing procedure. Two other generators exhibited trouble signs including irregular power fluctuation, abnormal run temperatures and excessive noise/vibration. It is critical that DOC retain the immediate services of certified generator service technicians to perform preventive maintenance service to the generators, identify deficiencies and propose a corrective action plan.

The urgency of the matter is particularly acute because one of the paired primary power feeds into the jail is out of service due to ongoing transformer relay equipment repair. That repair situation has already compromised the redundancy of the power distribution system. The generator that failed the load test is the immediate power backup source in the event of a failure to the other paired transformer.

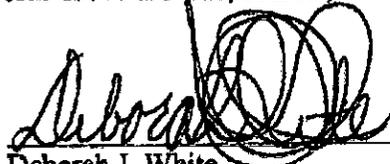
It is critical that DOC respond immediately to perform the PM services for its generators, diagnose the source of the generator load test failure and undertake corrective action.

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5. CERTIFICATION BY THE CONTRACTING OFFICER:

I hereby certify that the findings set forth above are true, correct, and complete to the best of my knowledge

12-30-14
Date

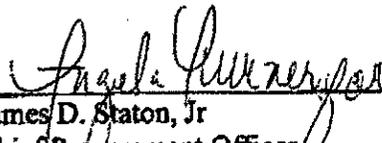


Deborah J. White
Contracting Officer
Office of Contracting Officer

DETERMINATION

Based on the above findings and in accordance with D.C Official Code Section §2-354.5, 27 DCMR 1702, 1702.1 and 1702.2, it is hereby determined that the subject services may be acquired on an emergency basis. It is further determined that this action is in the best interest of the District

12/30/14
Date



James D. Staton, Jr
Chief Procurement Officer
Office of Contracting and Procurement