

Public Safety Grade Radio Equipment  
Motorola Solutions, Inc.

Executive Summary

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District departments utilize public safety 800 MHz radios to communicate with the Broward County Government combined radio system. These radios provide both routine and emergency communications. This includes public safety, post hurricane, and other disaster communication with various department within the District and throughout Broward County.

Approximately 14 years ago, Broward County School Board and Broward County Government merged two independent radio systems into one large countywide systems. This resulted in better radio coverage and additional radio capacity for both agencies. The daily operation and management of the radio system is singularly handled by Broward County Government. The current radio system is a Motorola analog trunked 800 MHz system, which is past end of life. Broward County Government and other agencies within the county are making plans to migrate to their current system to a new digital "P25" platform by 2016.

The City of Coral Springs has already made plans and signed a contract to upgrade their current Motorola radio system to the new Motorola "P25" system this summer. As a result, the District's existing radios, including the Broward County Public Schools District Police Department Officers, will not be able to communicate with officers from the City of Coral Springs once this migration is completed. The inability to communicate could result in a potential safety concern for the staff, students, and visitors at the schools in the affected areas.

The Broward Sheriff's Office currently has a bid in place to purchase the Motorola "P25" equipment. Motorola has provided he District a letter verifying Broward Sheriff's Office Bid (#12-29077/JHJ) is the lowest pricing available. The District has decided to utilize this Bid as opposed to creating their own, since the pricing was confirmed by Motorola to be the lowest price available to any district.

Information & Technology with the other District departments are proposing a phased three year approach to replace the existing end-of-life equipment which includes approximately 500 radios. By utilizing a phased approach the District can reduce the annual impact to the Capital Budget. By replacing the existing end-of-life equipment the District will also reduce current cost of maintenance on the old equipment saving approximately \$40,000 annually.

The funds will support the initial phase of the migration from the existing 800MHz radio systems to an alternative solution in collaboration with Broward County Government. This communication platform will provide radio communication services for select District departments engaged in public safety, emergency preparedness, and disaster recovery. Department affected by this budget item include:

1. Broward District Schools Police
2. Physical Plant Operations
3. Safety
4. Risk Management
5. Senior Leadership Team
6. Various District Support Services