Emergency Communications Upgrade Project

The San Leandro Unified School District is requesting to upgrade its emergency communication system by installing emergency control radios at 15 sites throughout the District. These emergency control radios will provide direct connectivity to the San Leandro Police Department's Dispatch Center in the event of an active shooter or other catastrophic event. This emergency communication system will be connected to the Bay Area Regional Interoperable Communication System that was established as the primary system for first responder organizations throughout the Bay Area. This system meets all P-25 (Department of Homeland Security standards for interoperable communications) standards.

The primary vendor for this system is Motorola. Motorola has provided us a quote for 15 radios, installation and training for $52,334.39. This price includes a 17% discount if the purchase is made by the end of 2018. This is a one-time cost.

Because the system will be on a regional network, we will be required to join the East Bay Regional Communication System Authority (EBRCSA). EBRCSA is a Joint Powers Authority (JPA) that controls and manages the infrastructure of the East Bay Regional Interoperable Communications System in Alameda County and Contra Costa County. The costs associated with joining is in two phases. Phase 1 includes a one-time membership fee and a one-time debt service fee. Phase 2 includes a monthly per radio operating charge and a monthly per radio debt service charge.

EBRCSA COSTS

One Time Cost

Membership Fee (15 radios @ $200) = $3,000

Debt Service Fee (15 radios @ $1,400) = $21,000

Total One Time Cost = $24,000

Annual On-Going Cost

Per Radio Operating Fee (15 radios @ $30.00 per month) = $5,400

Per Radio Debt Service Fee (15 radios @ $15.00 per month) = $2,700

Total Annual On-Going Cost = $8,100

Total EBRCSA Costs for 2019 = $32,100

The total cost to implement the San Leandro Unified School District's Emergency Communication System year one is $84,434.39. There could be additional one-time programming costs for radios and Dispatch Center Consoles, however, this information is not available at this time as it is predicated on channel selection and availability. Based on this, I think it would be prudent to add a 10% contingency or $8,443.44 to the total cost raising it to $92,877.83.