



**East Bay Regional
Communications
System Authority**



Participating agencies include Alameda and Contra Costa Counties and the following cities and special districts: Alameda, Albany, Antioch, Berkeley, Brentwood, Clayton, Concord, Danville, Dublin, El Cerrito, Emeryville, Fremont, Hayward, Hercules, Lafayette, Livermore, Martinez, Moraga, Newark, Oakland, Oakley, Pinole, Pittsburg, Pleasant Hill, Pleasanton, Richmond, San Leandro, San Pablo, San Ramon, Union City, Walnut Creek, East Bay Regional Park District, Kensington Police Community Services District, Livermore Amador Valley Transit Authority, Moraga-Orinda Fire District, Rodeo-Hercules Fire District, San Ramon Valley Fire District, California Department of Transportation, Ohlone Community College District, Contra Costa Community College District, Dublin-San Ramon Services District and University of California, Berkeley

BOARD OF DIRECTORS MEETING

REGULAR MEETING

DATE: September 27, 2019

TIME: 10:00 a.m.

**PLACE: Alameda County Sheriff's Office of Emergency Services and Homeland Security
4985 Broder Blvd.
Dublin, CA 94568**

MINUTES

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- 1. Closed Session: (None) **Time:** N/A**
 - 2. Call to Order/Roll Call: (Regular Session) **Time:** 10:03 a.m.**

Chair Ahern, Bms. Andersen, M. Casten*, A. Ciaburro, J. Diaz, R. McBain, P. Mulligan, S. Muranishi, M. Roberts, M. Rodriguez, M. Shorr*, K. Stepper, L. Smith, J. Tudor, D. White
*Voting Alternate;

Staff: T. McCarthy (Executive Director), C. Boyer, L. McKinney, C. Soto

Public: G. Poole, Motorola

- 3. Report on Closed Session: None.**
- 4. Public Comments: None.**
- 5. Presentations: None.**
- 6. Approval of Minutes**

6.1 Approval of Minutes from Board of Directors Meeting May 10, 2019

On motion of Bm. Roberts, seconded by Bm. Stepper and by unanimous vote, the Board of Directors approved the minutes of the May 10, 2019 Regular Board meeting.

- 7. Written Communications: None.**
- 8. Public Hearings: None.**

9. Action Items:

9.1 **Renewal of Agreement with Contra Costa County Department of Information Technology for Two Years**

Director McCarthy presented the Staff Report and advised this amendment to the agreement with the Contra Costa County IT Department was to extend the term of the agreement and increase the not-to-exceed amount from \$200,000/yr to \$230,000/yr for Fiscal Years 2019/20 and 2020/21.

Bm. S. Muranishi and C. Andersen arrived at 10:07 a.m.

On motion of Bm. Rodriguez, seconded by Bm. Stepper and by unanimous vote, the Board of Director adopted **Resolution No. 19-05** Authorizing the Chair to Execute and the Executive Director to Implement an Amendment to the Interagency Agreement with the Contra Costa County Department of Information Technology, to Increase the Contract Amount by \$460,000; and adopted **Resolution No. 19-06** Adopting and Implementing An Adjustment to Administrative Budget for Fiscal Year 2019/2020.

9.2 **Contract with CSI for Engineering Consulting Services for Three Years**

Executive Director McCarthy presented the Staff Report and advised that this contract was with CSI Engineering Consulting Service for technological services, engineering services, and assistance with FCC Licensing. The contract would be for three years, with a not-to-exceed amount of \$200,000 per fiscal year, beginning July 1, 2019. This contract had expired and had not been renewed due to the death of one of the owners of CSI. The per-hour amount for FY 2019/20 would remain the same at \$215; there would be an increase to \$220 an-hour rate for Fiscal Year 2020/21, and an increase to \$225 an hour for Fiscal Year 2021/22. The increase in the not-to-exceed amount from past years is due to increased projects.

On motion of Bm. Rodriguez, seconded by Bm. Stepper and by unanimous vote, the Board of Director adopted **Resolution No. 19-07** Authorizing the EBRCSA Chair to Execute, and the Executive Director to Implement, an Agreement with CSI Telecommunications, Inc. for Radio Frequency Engineering and Project Consulting.

10. Committee Updates:

10.1 **Receive Informational Report on Recent Finance Committee Activities**

Director McCarthy advised the Finance Committee discussed the upgrade of the microwave system. They were still gathering information and quotes; it will be costly. It would be brought to the full Board at a later date. Two proposals were received for the 10-Year Capital Replacement Plan. He would meet with one of the vendors, CSI, to work further on the Plan. The other submittal was three times the cost of CSI's proposal but did not hit the mark on the information requested.

10.2 Receive Informational Report on Recent Operations Committee Activities

Chair Ahern stated there was not a quorum but the Committee had discussed TDMA and how it worked; they had discussed BART and its ability to communicate with fire agencies, and accessibility to the System; and discussed an evaluation process for the Executive Director.

11. Reports:

11.1 Receive an Update on City of Antioch, Walton Lane Radio Coverage

Director McCarthy advised the City of Antioch was looking to improve coverage at Walton Lane where there is a bit of a valley area. He had been to the site to determine if upgrading the site would work. The shelter was too small and there was not enough electrical power. He had consulted with CSI, Contra Costa radio shop and one of the original engineers of the System. They are looking for an alternate site. He has found two shelters, but one had a cost of \$50,000 a month. He found another that belonged to Sacramento Water District but the microwave would cause interference with other radio frequencies. He will meet with the City of Antioch to discuss cost sharing of a new site. He will meet with member agencies to discuss San Ramon's ordinance that requires developers to pay for any costs associated with any issues their building causes with System reception. There were three potential sites he needed to discuss with the City of Antioch. He would keep the Board informed of any developments.

Bm. Roberts asked that the alternatives for the City of Antioch be memorialized to know the path taken in resolving this issue, in case this issue comes up again.

11.2 Receive Information concerning Potential Interference with 5G LTE Service

Director McCarthy advised that 5G LTE Service will interfere with the System. The FCC is aware of this issue but is not doing anything about it. He worked with CSI to produce a report regarding the interference. 5G requires antennas in close proximity of each other. 5G will cause interference with the System. It is now being discussed and reviewed throughout agencies and jurisdictions. As an example, the City of Dublin will require labeling of power poles with 5G antennas, and must include a turn off switch to allow for individuals to turn off power to the 5G antennas when working on them to protect against radiation.

Bm. Rodriguez, City Manager of San Pablo, asked for technical assistance from EBRCSA for a 5G project the City of San Pablo is currently working on. He would like to add language to an RFP for the project to protect the coverage of the System within the City of San Pablo.

The Director McCarthy stated he would like to have a report produced, with the review of the Authority's attorney, and approval of the Boardmembers, discussing 5G interference. The report would have limited distribution to member agencies only.

11.3 Receive Update on Transition to TDMA

Director McCarthy advised that the Transition to TDMA was going well. Radio shops with meet the June 30, 2020 timeline.

12. **Board Comments:** None.

13. **Next Action Steps:** Director to speak to J. Calabrigo about speaking to the City Manager's Associations.

14. **Adjournment:**

With no further business coming before the Board, the meeting was adjourned at 10:56 a.m.



Caroline P. Soto
Authority Secretary