

**Community Services and Supports Transfer to Capital Facilities and Technological Needs – Electronic Health Record**

<b>Electronic Health Record</b>	<b>FY 18/19</b>
<b>Current Budget</b>	<b>\$9,620,333</b>
<b>Amendment to Transfer</b>	<b>\$2,393,400</b>
<b>Proposed 18/19 Budget</b>	<b>\$12,013,733</b>

The Health Care Agency is proposing a one-time addition of up to \$2,393,400 from unspent Community Services and Support FY 2017-18 funds to the Capital Facilities and Technological Needs fund for use within the County’s Electronic Health Record.

**Data Analytics and Business Intelligence**

The scope of developing the Data Analytics and Business Intelligence capacity of the County EHR has expanded to now include consolidation of additional data from multiple sources and the local health information exchange into the enterprise data warehouse. With this comes the need for a dedicated master data management solution that performs data cleansing, enables data governance, uniformity, accuracy, stewardship, semantic consistency and accountability of the shared master data. In addition, the complexity and extent of reporting solutions, inclusion of presentation methods of online visualized data, and the need and manner of making curated data available for miscellaneous research purposes has increased significantly from previous estimates.

**Interoperability**

The scope of implementing interoperability has been expanded to now include data integration with contract providers as well as a health information exchange. This has made the overall project much more complex and difficult. The scope also now includes the ability for external relevant data to be presented within the EHR for a more seamless access method and user experience.

The costs for designing, building and implementing this overall solution for the EHR, which includes software licenses, network infrastructure such as servers, storage and network monitoring appliances, and internal human resources and external consultants, is significant and higher than previously anticipated based on reviews and demos and discussions with vendors. The comprehensive solution may utilize a hybrid approach using a combination of local on-premise equipment and software as well as cloud-hosted solutions, and will include proofs-of-concept design and validation for usability and performance.