

SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM  
3.16  
(ID # 8194)

**MEETING DATE:**

Tuesday, January 29, 2019


**FROM :** RUHS-BEHAVIORAL HEALTH:

**SUBJECT:** RIVERSIDE UNIVERSITY HEALTH SYSTEM - BEHAVIORAL HEALTH: Approval of the Mental Health Services Tech Suite Innovation Project. District: All; [\$25,000,000 - Total for 3 Years]; 100% State

**RECOMMENDED MOTION:** That the Board of Supervisors:

1. Approve the Riverside University Health System – Behavioral Health (RUHS-BH) Mental Health Services Act (MHSA) Tech Suite Innovation Project in the amount of \$25,000,000 through FY21/22;
2. Authorize the RUHS-BH to pay invoices from CalMHSA, the fiscal intermediary, for the services provided by the Tech Suite Innovation Project vendors through FY21/22; and
3. Authorize the Behavioral Health Director or designee to sign the necessary budget documents, certifications and reports for the MHSA Tech Suite Innovation Project.

**ACTION:** Policy

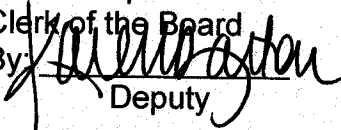
  
Matthew Chang, Director 12/20/2018

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**MINUTES OF THE BOARD OF SUPERVISORS**

On motion of Supervisor Hewitt, seconded by Supervisor Perez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Hewitt  
Nays: None  
Absent: None  
Date: January 29, 2019  
xc: RUHS-Behavioral Health

Kecia Harper  
Clerk of the Board  
By:   
Deputy

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<b>FINANCIAL DATA</b>	<b>Current Fiscal Year:</b>	<b>Next Fiscal Year:</b>	<b>Total Cost:</b>	<b>Ongoing Cost</b>
<b>COST</b>	\$4,791,358	\$8,634,425	\$25,000,000	\$0
<b>NET COUNTY COST</b>	\$0	\$0	\$0	\$0
<b>SOURCE OF FUNDS: 100% State</b>			<b>Budget Adjustment:</b>	No
			<b>For Fiscal Year:</b>	18/19 – 21/22

**C.E.O. RECOMMENDATION:** Approve

**BACKGROUND:**

**Summary**

In November 2004, California voters passed Proposition 63, the Mental Health Services Act (MHSA), which became law on January 1, 2005. The Act imposed 1% taxation on personal income exceeding \$1M. These funds were designed to transform, expand, and enhance mental health services to individuals of California. Welfare and Institutions Code (WIC), section 5830 provides the use of MHSA funds for innovative programs. An Innovation project is defined, for purposes of these guidelines, as one that contributes to learning rather than focusing on direct services. This plan design is intended to “try out” new approaches that can inform current future practices/programs in communities.

On September 27, 2018, RUHS-BH was approved by the State’s Mental Health Services Oversight and Accountability Commission (MHSOAC) to join the Tech Suite – a statewide collaborative that is administered by a Joint Powers Authority with CalMHSA, who is acting as the fiscal intermediary for counties involved in this project. This project, implemented in multiple counties across California, will bring interactive technology tools into the public mental health system through a highly innovative set or “suite” of applications designed to educate users on the signs and symptoms of mental illness, improve early identification of emotional/behavioral destabilization, connect individuals seeking help in real time, and increase user access to mental health services when needed. Counties will pool their resources through CalMHSA, to jointly manage and direct the use of selected technology products. A significant amount of funding will be used to support infrastructure in rural and frontier communities.

The goal of the project is to create greater access to care and self-monitored recovery progress to consumers. This project was approved after nearly a year of community planning and evaluation. RUHS-BH connected with over 1,200 county stakeholders and there was an overwhelming public response for RUHS-BH to join the Tech Suite and use all three components of the technology.

The three major components:

- Online Peer Chat and Support Groups – 24/7 network of trained and certified peers available to chat with individuals (or their family members/caregivers) experiencing symptoms of mental illness

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- Virtual Therapy Using an Avatar – 24/7 evidence-based on-line treatment protocols using treatment algorithm-based avatars to deliver clinical care
- Digital Phenotyping/Wellness Monitoring – detection of emotional, thought and behavioral disturbances through passively collected data and sophisticated analyses that sense changes in the user interface known to correlate with social isolation, depression, mania, the early psychotic (prodromal) syndrome, and other indicators of either the onset of new mental illness or the recurrence of a chronic condition. As concerning signals are detected, communication to the user is generated through texts, emails, peers or clinician outreach to prompt care
- In the future, telepsychiatry may be added but that will happen based-on consumer feedback during the implementation process.

The Tech Suite will be open to all the residents of Riverside County; however, there will be special attention paid to:

- Early Detection
  - Transition age youth (TAY)
- Suicide Prevention
  - Men over the age of 45
  - Adults over the age of 65
  - TAY
- High Risk Populations
  - Re-entry Consumers (AB109, Whole Person Care)
  - FSP Consumers
  - Eating Disorder program consumers
- Underserved Communities
  - Deaf and Hard of Hearing
  - Visually Impaired
  - Ethnic cultural and LGBT communities
- Rural Regions
  - Mid-County and Desert Regions

Although this project is technology-based, it will not interfere with the Riverside County network. The Tech Suite collaboration utilizes outside vendors to maintain all components and the consumers will use personal devices to access the application. Data will be housed on the vendor clouds and accessed by the evaluators (University of California, Irvine) for project performance objectives/goals. Participants are able to track their personal data anonymously and share the information with their therapist, clinician, and/or doctor, at will. CalMHSA is working with various firms to ensure privacy and Health Insurance Portability and Accountability Act of 1996 compliance.

**Impact on Residents and Businesses**

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The services are a component of the department's system of care aimed at improving the health and safety of consumers and community.

**Additional Fiscal Information**

This approval authorizes RUHS-BH to utilize \$25,000,000 in Mental Health Services Act Innovations funding towards this project. There are sufficient appropriations for the FY18/19 budget amount of \$4,791,358. The remaining balance of \$20,208,642 will be budgeted through the normal budgeting process. No additional County funds are required.

**Contract History and Price Reasonableness**

On November 7, 2018, the Technology Services Oversight Committee approved the H-11 for this project (#PR2018-07672)

CalMHSA, as the fiscal intermediary for this project, has contracted with providers to develop and maintain the suite of applications. RUHS-BH will pay CalMHSA directly for the services provided by these vendors.

  
Melissa Noone, Associate Management Analyst

1/23/2019

  
Gregory V. Priaplos, Director County Counsel

1/9/2019



# RIVERSIDE COUNTY INFORMATION TECHNOLOGY PROCUREMENT FORM

<b>H11 Number:</b>	PR2018-07672		
<b>Requested Purchase:</b>	Mental Health Services Act Innovation - Tech Suite Statewide Collaboration		
<b>Department/Agency:</b>	Mental Health		
<b>Primary Contact/Phone:</b>	Jeanette Bates	<b>Alternate Contact/Phone:</b>	
<b>Purchase Request Type:</b>			
<b>Describe Requested Purchase:</b>	<p>On September 27, 2018, RUHS-BH was approved by the State's Mental Health Services Oversight and Accountability Commission (MHSOAC) to join the Tech Suite – a statewide collaborative that is administered by a Joint Powers Authority with CalMHSA, who is acting as the fiscal agency for counties involved in this project. This approval authorizes RUHS-BH to utilize \$25,000,000 in Mental Health Services Act Innovations funding towards this project. No additional County funds will be required for this project. The information technology costs are estimated at \$15,665,363 over three years. The attachment contains the annual budget.</p>		
<b>Terms:</b>	<p>Is this a Multi Year Contract?: True</p> <p>Length of Contract: 3</p> <p>Start Date:</p> <p>End Date:</p> <p>Special Terms and Conditions:</p>		
<b>Business Needs Addressed:</b>	<p>This project was approved after nearly a year of community planning and evaluation. RUHS-BH connected with over 1,200 county stakeholders and there was an overwhelming public response for RUHS-BH to join the Tech Suite and use all three components of the technology.</p> <p>The three major components:</p> <ul style="list-style-type: none"> <li>• Online Peer Chat and Support Groups – 24/7 network of trained and certified peers available to chat with individuals (or their family members/caregivers) experiencing symptoms of mental illness</li> <li>• Virtual Therapy Using an Avatar – 24/7 evidence-based on-line treatment protocols using treatment algorithm-based avatars to deliver clinical care</li> <li>• Digital Phenotyping/Wellness Monitoring – detection of emotional, thought and behavioral disturbances through passively collected data and sophisticated analyses that sense changes in the user interface known to correlate with social isolation, depression, mania, the early psychotic (prodromal) syndrome, and other indicators of either the onset of new mental illness or the recurrence of a chronic condition. As concerning signals are detected, communication to the user is generated through texts, emails, peers or clinician outreach to prompt care.</li> </ul> <p>In the future, telepsychiatry may be added but that will happen based-on consumer feedback during the implementation process.</p> <p>All of these components will be maintained by outside vendors and the consumers will use personal devices to access the application; there is no impact on Riverside County network.</p> <p>The Tech Suite will be open to all the residents of Riverside County; however, there will be special attention paid to:</p> <ul style="list-style-type: none"> <li>• Early Detection <ul style="list-style-type: none"> <li>o Transition age youth (TAY)</li> <li>o Suicide Prevention</li> <li>o Men over the age of 45</li> <li>o Adults over the age of 65</li> <li>o TAY</li> </ul> </li> <li>• High Risk Populations <ul style="list-style-type: none"> <li>o Re-entry Consumers (AB109, Whole Person Care)</li> <li>o FSP Consumers</li> <li>o Eating Disorder program consumers</li> </ul> </li> <li>• Underserved Communities <ul style="list-style-type: none"> <li>o Deaf and Hard of Hearing</li> <li>o Visually Impaired</li> <li>o Ethnic cultural and LGBT communities</li> <li>• Rural Re</li> </ul> </li> </ul>		
<b>Are there other county systems that provide the same functionality?</b>	No		
<b>Business Criticality:</b>	Run the Business, Grow the Business, Transform the Business		
<b>Business Impact:</b>	Support Current Operations, Reduce Expenses, Improve Customer Service, Improve Operational Efficiencies		



# RIVERSIDE COUNTY INFORMATION TECHNOLOGY PROCUREMENT FORM

Current Cost Itemization (Include all the year 1 cost)							
Item Description	Purchase Type	Vendor	Quantity	Unit Cost	Sub_Total	Item Tax	Total Cost
Tech Suite Statewide Collaborative	Software - New Purchase	Unknown	1	\$15,665,363.00	\$15,665,363.00		\$15,665,363.00

Annual Costs				
Item Description	Payment Type	Terms (In Years)	Payment amount	Total Annual Payments

Accounting String To be completed for pass-thru purchases that will be processed by RCIT Only						
%Billed	Accounts (6 digits)	Dept.LID (6-10 digits)	Program (5 digits)	Class (5 digits)	Grant (9 digits)	Customer Project Code (10 digits)

Department Head or Authorized Designee Signature: *Ryan Quist* Date: 10/19/2018 8:22 AM  
*10/22/18*

RCIT Review (Standard purchases and renewals < \$25000) - Administrative Review Status		
Recommended:	By:	Date:
Denial Explanation:		

ACIO Review - ACIO Review Status		
Recommended:	BY:	Date:
YES	<i>A. J. Jones</i>	10/23/2018
Denial Explanation:		

CIO Review (Purchases and renewals > \$100K) CIO Review Status		
Recommended:	By:	Date:
Yes	<i>Jim Smith</i>	10/24/18
Denial Explanation:		

TSOC Review (Purchases and renewals > \$100K) TSOC Review Status		
Recommended:	By:	Date:
YES	<i>T. R. [Signature]</i>	11/7/2018
Denial Explanation:		