

CHANCELLOR'S OFFICE
CALIFORNIA COMMUNITY COLLEGES
TECHNOLOGY, RESEARCH, AND INFORMATION SYSTEMS DIVISION

**PART ONE OF A TWO-PART
REQUEST FOR APPLICATIONS (RFA # 17-055)**

SOLICITATION OF INTEREST

**for the management of the California Community Colleges
Telecommunications and Technology Infrastructure Program
(CCC Technology Center)**



***PART ONE: SOLICITATION OF INTEREST**

The purpose is to determine which districts are interested in participating in a competitive application process (i.e., RFA) for a five year grant award for the Telecommunications and Technology Infrastructure Program (CCC Technology Center). Responses to the Solicitation of Interest are due by 5:00pm, February 16, 2017.

PART TWO: ACTUAL RFA PROCESS

The Chancellor's Office will conduct a standard competitive process for the award of the above-noted grant. The participants in this process will be limited to the community college districts which respond in the requested manner to Part One.

Document Change Log

This section shows the changes made to the Telecommunications and Technology Infrastructure Project (CCC Technology Center) Solicitation of Interest document. Distribution date: February 2, 2017.

Chg #	Version	Date	Item and Change
1	1	02/02/2017	Removed California Virtual Campus (CVC) service/product
2	1	02/02/2017	Removed eTranscript California service/product
3	1	02/02/2017	Revised dates under Additional Information

Grant Duration

The grant, which will be awarded upon completion of the Request for Applications (RFA) process, is for a period of one year, effective July 1, 2017 and until June 30, 2018 with the option of up to four annual renewals, for a total of 60 months. After the first year, subsequent annual renewals will follow the fiscal year beginning July 1 and ending June 30.

Background

The Chancellor's Office Technology, Research and Information Systems Division governs the Telecommunications and Technology Infrastructure Project (CCC Technology Center), which is guided by the provisions of the strategic technology plans developed by the Telecommunications and Technology Advisory Committee (TTAC).

The strategic technology plans have the following objectives:

- Protect the state's prior technology investments
- Expand and improve student services
- Utilize current technology to leverage existing infrastructure

The goal of TTIP (CCC Technology Center) is to provide secure, scalable, and integrated technology solutions for the California Community Colleges that take advantage of economies of scale and which are facilitated by governance from the colleges themselves.

TTIP (CCC Technology Center) has developed and manages a variety of systemwide technology projects in addition to the following duties:

- Providing project leadership
- Providing technology services
- Disbursing funds
- Managing contracts
- Developing external funding resources
- Publicizing the progress of the projects

The grant is managed by the California Community Colleges Technology Center, which is currently funded to and operated by the Butte Community College District. A primary focus of the CCCTC has been technology for statewide projects. It manages and operates centralized projects that leverage technology and has moved the system toward a more integrated approach to standards development, collecting user requirements, and engaging in systems design and development. The CCCTC also works with the Online Education, Common Assessment, and Educational Planning Programs, and is responsible for systems analysis, information security, architecture hosting, software development, user interface, student support, student accounts/Federated ID, quality assurance and maintenance for customers' tools and services leveraging the statewide portal or platform.

Current TTIP (CCC Technology Center) services and products include:

CCC Systemwide Technology Platform

The California Community Colleges Technology Center facilitates a CCC Systemwide Technology Platform standard that allows the system to build new Web 2.0 applications that work together, provide sharable services to the colleges, and can incorporate legacy functionality as we transition to the next generation.

The Systemwide Technology Platform is composed of the following technologies:

Service-Oriented Architecture (SOA): Under this model, siloed applications are deconstructed into their component services and connected via secure Internet communications. This enables these component services to be reused by college or vendor applications and combined into composite applications.

Enterprise Portals: Most of the colleges are moving to some form of portal interface for their students. By providing our systemwide applications as portlets to the colleges, they can be plugged in to provide additional services and functionality for students. In addition, a systemwide portal would tie together our applications with a common front end.

Federated Identity: Both CSU and UC have Federated Identity initiatives based on the In Common Federation. For information about centrally paid In Common membership, [click here](#). In Common includes over 200 higher education Institutions, government agencies and vendors. The OpenCCC Federated Identity enables a common sign-in for students and staff across systemwide applications and institutions while increasing security and privacy.

Elastic Cloud Infrastructure: The emergence of elastic cloud platforms, where the computing power behind deployed applications is monitored to scale up or down to service demand loads, has made it possible to efficiently handle the annual cyclic student demand on student services applications without having to build a large data center to handle peak loads.

Business Intelligence: To facilitate analysis of student pathways, outcomes, transfer, and institutional performance for continuous improvement, there is a need to bring together disparate data sourced from the existing applications within our system, and tie them together into usable structures that can be easily researched and presented to end users for immediate and future decision making purposes.

Secure Identity Center: A hardened data center is employed to secure Personal Identification Information (PII) contained in account profiles and submitted applications for admission to college.

In addition to providing authorization and authentication to systemwide services, the Identity Center resolves account conflicts and eliminates duplicate accounts.

CENIC and the California Research and Education Network (CaREN)

The Corporation for Education Networking In California (CENIC) is a not-for-profit corporation serving California Institute of Technology, California State University, Stanford University, University of California, University of Southern California, California Community Colleges and the statewide K-12 school system. CENIC's mission is to facilitate and coordinate the development, deployment, and operation of a set of robust multi-tiered advanced network services for this research and education community, California Research and Education Network (CaREN). The California Community Colleges Technology Center manages the CENIC contract.

CCCApply: the Online Application to the California Community Colleges

CCCApply is the online gateway to the California Community Colleges. Each year at our 113 colleges, more than two million students from all over the world build their career skills, prepare for transfer to four-year colleges and universities, or simply enrich their lives through learning. CCCApply streamlines the application process for students and staff.

CCC Information Security Center

The California Community Colleges Information Security Center facilitates and coordinates the work of systemwide information security (IS) technology by understanding CCC IS priorities, offering vulnerability scanning, providing server monitoring, developing IS policies & procedures, promoting IS awareness, and publicizing important IS information.

CCC Accessibility Center

Diversity and inclusion are core values embraced by California community colleges. Accessible websites and information technology positively impact individuals with disabilities, offering greater opportunity for engagement and participation in pursuit of lifelong learning throughout California's community colleges. The CCC Accessibility Center provides guidance and technical assistance to California community colleges in realizing this accessible technology environment.

Systemwide Architecture Committee (SAC) Research and Trend Analysis

The Systemwide Architecture Committee (SAC) provides technical expertise for planning the development and growth of the systemwide information-technology (IT) infrastructure for California Community Colleges (CCC). SAC is a subcommittee of the Telecommunications and Technology Advisory Committee (TTAC). SAC works in close coordination with TTAC to develop strategic plans, policies, implementation strategies, practices, and standards regarding the systemwide implementation of IT infrastructure.

Telecommunications and Technology Advisory Committee (TTAC)

TTAC advises the California Community Colleges Chancellor's Office on the continued development and deployment of telecommunications and educational technologies in the California Community Colleges. The committee researches technology trends and recommends the direction for technology infrastructure initiatives within the California Community Colleges system. It meets four times a year.

The Technology Center supports TTAC by coordinating its quarterly meetings and its annual Technology Plan, as formulated during its Strategic Planning retreat.

Chancellor’s Office Functions

The Chancellor’s Office will perform the key functions, listed below:

- Support BOG in providing appropriate leadership and oversight
- Monitor college/district performance in administration of this grant and its related products

Grant Overview

This grant, which will be for a maximum period of five years or 60 months, will be awarded to satisfy the program requirements of the Telecommunications and Technology Infrastructure Program (CCC Technology Center). Award recipient will be responsible for continuing the current program as well as improving services as technologies evolve. Grantee will be required to ensure program continuity with minimal overhead.

Scope and Responsibilities

The grantee will work closely with the Chancellor's Office, designated advisory committees and colleges to perform the activities required to develop and manage a comprehensive program to enhance existing and planned telecommunications and technology infrastructure efforts.

Funding

This grant will receive up to \$6 million annually with annual renewals for the subsequent grant years.

Additional Information

Solicitation of Interest Release:	December 20, 2016
Response to Solicitation of Interest Due:	January 20, 2017
Response to Amended SOI Due:	February 16, 2017
RFA Release:	February 17, 2017
RFA Response Due:	March 17, 2017
RFA Intent to Award	April 3, 2017
Protest Period Ends	April 14 th 2017

Certification of Intent to Participate

in a Competitive Application Process for management of the

California Community Colleges

Telecommunications and Technology Infrastructure Program (CCC Technology Center)

I hereby certify that the _____ Community College District in support of _____ College as the proposed program host, intends to be an applicant in the competitive application process (i.e., Request for Applications, "RFA") to select a program host for California Community College Telecommunications and Technology Infrastructure Program (CCC Technology Center). Program host responsibilities begin July 1, 2017. The program will be eligible for annual renewals up to 4 years, for a total of 5 years (60 months). After the initial 12 month period, subsequent annual renewals will follow the fiscal year beginning July 1 and ending June 30.

Information relevant to program host responsibilities is detailed on the preceding page.

I understand that the RFA will be limited to the districts/colleges that certify this form with the required signatures and return it to the Chancellor's Office in a timely manner. I also understand that if only one district/college submits this certification, that entity will still be subject to the same evaluation as would be used in the standard RFA for multiple applicants.

The following District and College staff members must sign this form:

District/College Chief Executive Officer

Date

District/College Chief Business Officer

Date

Return this form to:

Gary Bird
Technology, Research and Information Systems Division
CCC Chancellor's Office
1102 Q Street Suite 4550
Sacramento, CA 95811
FAX 916-327-5889

This form must be received by the Chancellor's Office no later than 5:00pm Thursday, February 16, 2017.