



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 12/20/2016

Agenda Placement: 6Q

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: Frank Lucido, Engineering Supervisor - 259-8377

SUBJECT: Professional Services Agreement with CSI Telecommunications, Inc. for design services for the Hall of Justice and Jail Annex Radio Project

RECOMMENDATION

Director of Public Works requests approval of and authorization for the Chairman to sign an agreement with CSI Telecommunications, Inc., for a maximum of \$15,440 for the term December 20, 2016 through June 30, 2017, with an automatic extension provision for two additional years, for the design of radio system upgrades to the Hall of Justice and Jail Annex.

EXECUTIVE SUMMARY

Services to be rendered as a part of this agreement include electrical engineering design services to conduct an analysis of radio signal strength in the Hall of Justice and Jail Annex, prepare preliminary plans, and an engineering estimate, to assure that fire fighters can effectively communicate via radio in an emergency. CSI is not a local vendor.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Capital Improvement Program - Fund 3000, Subdivision 30005-02, Program 14027 (Jail Basement Corridor Project)

Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The proposed Professional Services Agreement (PSA) will provide the design of radio system upgrades to the Hall of Justice and Jail Annex.
Is the general fund affected?	No
Future fiscal impact:	Planning, design and estimating as well as some construction is anticipated for this fiscal year, however, construction will likely continue into Fiscal Year 2017-18.
Consequences if not approved:	The Fire Marshal has required this project, which would survey and improve radio communications where needed so fire fighters can effectively communicate, as a condition of occupancy for the Hall of Justice Basement. If the recommended action is not approved, the County will not be able to fill cells in the basement, which has significant financial consequences. The County also needs information from this preliminary work to plan for similar future improvements for the Jail Annex.
Additional Information:	

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

Current fire code requires complete radio coverage for fire fighters. In some cases this requires the addition of cabling, amplifiers and antennas distributed as needed. There are many concrete and metal walls throughout the Hall of Justice and Jail Annex that impede radio transmissions and in certain locations can prevent effective communication for fire fighters. For this reason a radio survey and implementation of mitigation as needed is required as a condition of occupancy for the Hall of Justice Basement Upgrades Project.

CSI Telecommunications, Inc. has been working with the County on the emergency services radio system as part of the ITS/Communications Department simulcast project and also assisted with the feasibility of relocating the functions in the radio room located inside the Hall of Justice as part of a new Jail planning exercise. Fire fighters communicating inside the Hall of Justice will be doing so through the simulcast system instead of point to point; therefore improving radio communications inside this facility will likely require interface to the radio room and/or simulcast system. Entering into a Professional Services Agreement (PSA) with CSI Telecommunications, Inc. is recommended for this work because they are qualified and also because they have substantial knowledge of existing work and conditions.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Bret Prebula