



**COUNTY OF SAN MATEO**  
Inter-Departmental Correspondence  
Information Services



**Date:** October 12, 2012

**Board Meeting Date:** November 20, 2012

**Special Notice / Hearing:** None

**Vote Required:** Majority

**To:** Honorable Board of Supervisors

**From:** Reyna Farrales, Interim CIO/Director of Information Services

**Subject:** Issuance of purchase orders to CDX Wireless, Forrest Telecom Engineering Inc., and Macro Corporation

**RECOMMENDATION:**

Adopt a Resolution authorizing the Purchasing Agent to issue purchase orders to CDX Wireless, Forrest Telecom Engineering Inc. and Macro Corporation for radio communication systems engineering and consulting services, for the term of November 21, 2012 through November 20, 2015, in an amount not to exceed \$400,000.

**BACKGROUND:**

San Mateo County's Information Services Department (ISD) is responsible for the maintenance and management of numerous Public Safety/Service communication systems. These systems include: a Smartzone 4.1 trunked system, a P25 trunked system, transit voice and data systems, several conventional systems, an extensive microwave network, Public Safety Dispatch consoles, and several low voltage systems.

In addition to the ongoing support of the existing Public Safety communications systems, ISD is involved in numerous radio communications-related projects. Some of these projects are unique to San Mateo County and include: expansion and modification of existing systems, new site development, narrowbanding, and frequency acquisition. Other projects are related to the County's participation in a number of initiatives with our regional partners to improve Public Safety's First Responders regional interoperability and include: BayRICS (Bay Area Regional Interoperability Communications System), BayWEB (Public Safety Broadband network), and BayLoop (regional microwave network).

In August 2012, ISD released RFP #ISD1823 to identify engineering firms to augment internal ISD resources with technical expertise that can assist in providing timely, reliable and effective support for the systems and projects mentioned above. The contracted services will include, but not be limited to, support related to technical

system design, regulatory work related to Federal Communications Commission (F.C.C.) licensing, technical consulting, etc.

**DISCUSSION:**

With your Board's approval, ISD would like to be able to select from the three pre-approved vendors for technical support. ISD will have the option of contracting from these three companies. This Resolution would allow ISD to choose from one of three vendors: CDX Wireless, Forrest Telecom Engineering Inc., or Macro Corporation, without having to use separate Request for Proposal processes for individual projects, thereby saving the County time and money by operating more efficiently.

The Contractors have assured compliance with the County's Contractor Employee Jury Service Ordinance, as well as all other contract provisions that are required by County ordinance and administrative memoranda, including but not limited to insurance, hold harmless, non-discrimination, and equal benefits. County Counsel has reviewed and approved the Resolution as to form.

Approval of this Resolution contributes to the Shared Vision 2025 outcome of a Collaborative Community by permitting ISD radio communications-related projects to be completed in an effective and expeditious manner that will help ensure integrity of the public safety communications.

**PERFORMANCE MEASURE(S):**

Measure	FY 2011-12 Actual	FY 2012-13 Projected
Percent of medium and large IT projects that are completed on time	90%	90%

**FISCAL IMPACT:**

The total obligation for this Resolution is not to exceed \$400,000. Funding for radio engineering services will come from grant-funded projects and customers who use the systems. There is no obligation on the part of the County to purchase any amount of services as a result of this action.