



COUNTY OF SAN MATEO
Inter-Departmental Correspondence
Information Services



Date: April 14, 2015
Board Meeting Date: May 19, 2015
Special Notice / Hearing: None
Vote Required: Majority

To: Honorable Board of Supervisors

From: Jon Walton, CIO Director, information Services Department

Subject: Approval of Contract with BEI Construction, Inc. for Construction and Provision of Space for County Data Center at 1320 Marshall Street, Redwood City

RECOMMENDATION:

Adopt a resolution approving a contract with BEI Construction, Inc. for \$565,765.00 to provide construction materials and labor to provision and construct the Data Center space for the County at 1320 Marshall Street, Redwood City for the term of June 1, 2015 to December 31, 2015.

BACKGROUND:

On August 5, 2014 your Board adopted Resolution No. 073302, which allowed Real Property to negotiate and execute a lease on behalf of the Information Services Department (ISD) to acquire space at 1320 Marshall Street, Redwood City. The Resolution supported the relocation and continued operation of the County's Data Center (the "Data Center") and radio shop (the "Radio Shop") as well as provided necessary warehouse (the "Warehouse") space for ISD.

A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes redundant or backup power systems, redundant data communications connections, environmental controls (e.g., air conditioning, fire suppression), and various security devices.

The Marshall Street location requires physical alterations in order to support the County's data storage, network and computing infrastructure. This contract will allow the construction, provisioning, and commissioning of these improvements; which include rack systems, electrical, telecommunications wiring, interconnects and security. This completed Data Center will allow ISD to continue providing optimal service and allow for continued growth of the computing infrastructure.

Construction and provisioning of the Radio Shop space is being overseen and implemented by the Department of Public Works. Construction of the Warehouse space was completed by ISD on March 13, 2015 and ISD began using the space on March 16, 2015.

DISCUSSION:

Commissioning of the Data Center at 1320 Marshall Street by the Arch Light, LLC our co-location vendor has been completed and has been certified by ISD's Data Center Design consultant; California Data Center Design Group (CDCDG). The design of the Data Center and the Bill of Materials was created by CDCDG and reviewed by ISD engineers and management. It was submitted by CDCDG to three construction companies that are specialized in Data Center building (Cupertino Electric, Inc., BEI Construction, Inc., T and D Communications, Inc.). After reviewing the proposals from each of the construction firms, ISD has determined that BEI Construction, Inc. can best implement and build the necessary infrastructure at the Data Center. BEI's timeline and work product will enable the Data Center to achieve full functionality in the shortest amount of time. Based on these results, a waiver of the RFP process is being requested.

County Counsel has reviewed and approved the resolution and agreement as to form.

Approval of the contract contributes to the Shared Vision 2025 outcome of a Collaborative Community by establishing an agreement that allows the County of San Mateo to provide essential computing functions from a centralized modernized location near to other County departments and ISD's main offices.

PERFORMANCE MEASURE(S):

Measure	FY 2014-15 Actual	FY 2015-16 Projected
Availability of Core Services (Datacenter, Network, Radio, and PBX)	99.88%	99.7%

FISCAL IMPACT:

The total costs associated with this agreement should not exceed \$565,765.00 for the term of June 1, 2015 to December 31, 2015. This one-time expense is included in the adopted FY 2014-15 and FY 2015-16 budget of the Information Services Department.