



County of Monterey

Board of Supervisors
Chambers
168 W. Alisal St., 1st Floor
Salinas, CA 93901

Board Report

File #: A 17-447, **Version:** 1

Authorize the Deputy Purchasing Agent for Natividad Medical Center (NMC) or his designee to execute amendment No. 2 to the agreement (A-13067) with Medical Information Technology, Inc. (MEDITECH) for the addition of a file importer software interface for the MEDITECH system at NMC, adding \$36,900 for a revised total agreement amount not to exceed \$156,359, and with an implementation term effective on January 1, 2018 through December 31, 2018.

RECOMMENDATION:

It is recommended the Board of Supervisors:

Authorize the Deputy Purchasing Agent for Natividad Medical Center (NMC) or his designee to execute amendment No. 2 to the agreement (A-13067) with Medical Information Technology, Inc. (MEDITECH) for the addition of a file importer software interface for the MEDITECH system at NMC, adding \$36,900 for a revised total agreement amount not to exceed \$156,359, and with an implementation term effective on January 1, 2018 through December 31, 2018.

SUMMARY/DISCUSSION:

Medical Information Technology, Inc. (MEDITECH) provides NMC with a Health Care Information System (HCIS) for Electronic Medical Records (EMRs) and is NMC's primary source of electronic patient data.

Because of the complexity of patient care and its documentation, there are some software application needs that are not provided by the MEDITECH suite of products. When these other software applications are required, it is necessary for these applications to exchange data with MEDITECH via interfaces. NMC currently has multiple active interfaces to and from MEDITECH and third party software such as our radiology imaging and storage system, Patient Archiving and Communication System (PACS) and our perinatal fetal monitoring system, Open Building Information Exchange (oBIX). As new specialized software becomes available or is required, NMC subsequently needs to interface these new applications with MEDITECH.

NMC recently implemented a Cardiology Multi-User Simulation Exchange (MUSE) system which allows EKGs (Electrocardiograms) to be captured and read electronically. Since MEDITECH is our source of Electronic Health Record (EHR) system, this file importer interface will allow the EKGs to be sent to and stored in MEDITECH with the patient's medical record. This can also be used for other third party software, such as oBIX to send PDF images directly to a patient's health record. Currently today, these images are stored separately from the patient's EHR. In summary, this request is for an additional MEDITECH file importer interface that will automate the transmission of images to be filed and stored in the patient's record in MEDITECH.

In addition to the \$36,900 cost of the new file importer interface and its implementation, there is an ongoing monthly maintenance/service fee. The cost for the ongoing maintenance for this new file importer interface is \$300 monthly and was included as part of the annual MEDITECH maintenance costs presented to, and

approved by, the Board of Supervisors on June 27, 2017. Therefore, this request is being presented for just the cost of the file importer interface of \$36,900.

OTHER AGENCY INVOLVEMENT:

County Counsel has reviewed and approved this amendment No. 2 as to legal form and risk provisions, and the Auditor-Controller has reviewed and approved as to payment provisions. This amendment No. 2 has also been reviewed and approved by NMC's Finance Committee on October 26, 2017 and by its Board of Trustees on November 3, 2017.

FINANCING:

The cost for this amendment No. 2 is \$36,900 which is included in the Fiscal Year 2017-18 Adopted Budget. There is no impact to the General Fund.

BOARD OF SUPERVISORS STRATEGIC INITIATIVES:

This amendment expands upon the existing MEDITECH interfaces agreement and further enhances its capabilities, leading to improved technological functionality and interconnectivity between various systems within NMC. This also contributes to a sound, secure and sustainable physical infrastructure and further enhances the healthcare experience for patients due to the seamless integration across systems.

- Economic Development
- Administration
- Health and Human Services
- Infrastructure
- Public Safety

Prepared by: Dr. Charles Harris, Chief Medical Information Officer, 783-2785

Approved by: Gary R. Gray, DO, Chief Executive Officer, 783-2504

Attachments:

Medical Information Technology Inc Amendment 2
Medical Information Technology Inc Amendment 1
Medical Information Technology Inc Agreement
Medical Information Technology Inc Spend Sheet

Attachments on file with the Clerk of the Board