

# Architect Engineer Opportunities in VISN 21 NORCAL (San Francisco, Palo Alto, Sacramento)

Panel:

Michele Millers

Steven Elliott

Travis Dilts



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# A/E BUSINESS OPPORTUNITIES

## For

## San Francisco, CA

Briefer: Michele Millers  
Chief Engineer



# San Francisco OVERVIEW

- San Francisco VA Health Care System is a Level 1A tertiary care medical center in the North West corner of San Francisco with over 1,000,000 sf of building space including more than a dozen historic buildings.
- We have a \$500,000M+ construction program planned over the next 5 years including a seismic major, several minor level projects, and more than a dozen NRM projects. SFVA has the VA's #1 Research program in the country.
- I am the Chief Engineer with responsibilities including Construction, Facility Management, Biomedical Engineering, Lease Program, Space Management, and Activations.



# SF Design Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Water System	Design to conform to VHA Directive 1061	FY19 3 <sup>rd</sup> Qtr	\$500,000 - \$1,000,000
Emergency Power – Electrical	Add Emergency Power Generator	FY19 3 <sup>rd</sup> Qtr	\$25,000 - \$100,000
Architectural	Design upgrade to Halls and Walls in multiple buildings	FY19 3 <sup>rd</sup> Qtr	\$250,000 - \$500,000
Med Gas – Plumbing	Study/Design for Medical Air system	FY19 4 <sup>th</sup> Qtr	\$25,000 - \$100,000
Fire Suppression System	Study of Facility Fire Suppression System	FY19 3 <sup>rd</sup> Qtr	\$100,000 - \$250,000



# SF Current/Future Projects

Project title: Upgrade Water System for Legionella Prevention

Project timeline: Q3, 2019

Scope: Design to eliminate dead legs and improve water distribution system in VHA Directive 1061 buildings



# SF Current/Future Projects

Project title: Provide Emergency Power System on East Side of Campus

Project timeline: Q3, 2019

Scope: Design to provide emergency power to East side of campus where none currently exists



# SF Current/Future Projects

Project title: Renovate Main Corridors in B. 2, 200, and 203

Project timeline: i.e. award, POP

Scope: Design to update finishes in main medical buildings. Includes flooring, walls, ceilings, etc.



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# SF Current/Future Projects

Project title: Study Medical Air Corrections

Project timeline: Q4, 2019

Scope: Study to identify cross connections between medical air, control air and lab air and design their segregation to meet code requirements. Evaluate placement of air dryers in regards to classification of air and evaluate redundancy requirements.





# SF Current/Future Projects

Project title: Study Fire Suppression System

Project timeline: Q3, 2019

Scope: Study to identify deficiencies in fire suppression system including hydraulic recalculations.



# SF Project POC's

Michele Miller

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Chief Engineer San Francisco

VISN SBL POC: Angela M. Miller, (925) 372-2314, [angela.miller9@va.gov](mailto:angela.miller9@va.gov)

QUESTIONS/ANSWERS WILL BE AT END OF FINAL PRESENTATION



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## **A/E BUSINESS OPPORTUNITIES**

### **For**

### **VA Palo Alto Health Care System**

Briefer: Steven A. Elliott  
Chief, Engineering Service



# Palo Alto OVERVIEW

- The VA Palo Alto Health Care System (VAPAHCS) consists of three major divisional hospital facilities, located in Palo Alto, Menlo Park and Livermore, and a network of seven Community Based Outpatient Clinics (CBOCs) and Research and Administrative campuses. VAPAHCS provides primary, secondary, and tertiary care within a large geographical region encompassing a 10 county, 13,500 square mile catchment area. Approximately 272,000 veterans reside within VAPAHCS' primary services area (PSA).



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# Palo Alto Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
NRM Project A/E Design	Upgrade Pharmacy Building 100 for USP800	FY19 2 <sup>nd</sup> Qtr	Between \$500,000 and \$1,000,000
NRM Project A/E Design	Upgrade Building 7 For Patient Safety	FY19 2 <sup>nd</sup> Qtr	Between \$250,000 and \$500,000
NRM Project A/E Design	Renovate Sunnyvale Bldg. 1002 2nd Floor	FY19 2 <sup>nd</sup> Qtr	Between \$500,000 and \$1,000,000
NRM Project A/E Design	Upgrade South Campus Loop Road Landscape	FY19 2 <sup>nd</sup> Qtr	Between \$250,000 and \$500,000



# Palo Alto Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Minor Project A/E Design	Improve Emergency Department for Mental Health Access	FY19 3 <sup>rd</sup> Qtr	Between \$500,000 and \$1,000,000
Minor Project A/E Design	Consolidate Mental Health Outpatient Services to Improve Access	FY19 3 <sup>rd</sup> Qtr	Between \$500,000 and \$1,000,000



# Palo Alto Current/Future Projects

Project title: Upgrade Pharmacy Building 100 for USP800

Project timeline: March 2019-January 2020

Scope: Design Renovations to the existing Building 100 pharmacy. Upgrade Pharmacy Layout & HVAC to meet USP797/800 requirements.



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# Palo Alto Current/Future Projects

Project title: Upgrade Building 7 For Patient Safety

Project timeline: March 2019-October 2019

Scope: Design to correct patient safety issues and implement Paralyzed Veterans of America (PVA) recommendations. Correct a noted FCA deficiency for accessibility issues with the patient restroom doors and increase the number of ventilator capable rooms. The project will also include light renovation of roughly 10,000 sf of space.



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# Palo Alto Current/Future Projects

Project title: Renovate Sunnyvale Bldg. 1002 2nd Floor

Project timeline: March 2019 - February 2020

Scope: Design the renovation of the existing Sunnyvale building 1002 second floor into Research dry lab space. Design a new open office space for the 2nd floor including all HVAC, electrical, data, fire protection, and plumbing systems.



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# Palo Alto Current/Future Projects

Project title: Upgrade South Campus Loop Road Landscape

Project timeline: March 2019 – October 2019

Scope: Provide full design services for landscape improvements on the south side of the campus - approximately 2.4 acres. Design includes site utilities, repair/ replace vehicular and pedestrian pavement, planting and irrigation, exterior lighting, way-finding and regulatory signs.



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# Palo Alto Current/Future Projects

Project title: Improve Emergency Department for Mental Health Access

Project timeline: May 2019 – January 2020

Scope: Design renovations of the Emergency Department to add additional exam rooms, isolation room, upgrades to security and emergency measures, improvements to patient flow, increased storage, and equipment upgrades.



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# Palo Alto Current/Future Projects

Project title: Consolidate Mental Health Outpatient Services to Improve Access

Project timeline: May 2019 – January 2020

Scope: Design a 14,500 GSF addition to Building 520 Mental Health Center to provide the necessary program space to consolidate existing mental health outpatient services from the Menlo Park campus to the Palo Alto campus.



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# TITLE

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## **A/E BUSINESS OPPORTUNITIES**

**For**

**Northern California Healthcare System**

**(Sacramento and Martinez CA)**

**A/E Business Opportunities**

Briefer:

Travis Dilts, Chief of Engineering & Facility Management



# NCHCS OVERVIEW

- VANCHCS is a 1b complexity health care system which covers over 40,000 square miles and includes a blend of rural, highly rural, and urban areas.
- 12th largest VA health care system in the country
- Two Divisions
  - Sacramento Valley Division is comprised of medical facilities in Sacramento (Medical Center), Chico, Yuba City, Redding, and Yreka
  - The East Bay Division has medical facilities in Fairfield, Vallejo, Martinez (Clinic & CLC) and Oakland
- VANCHCS has 191 beds; 10 intensive care, 16 transitional care, 29 medical-surgical, and 16 behavioral health unit beds at the Sacramento VAMC; and 120 Long Term Care beds at Martinez
- 3,700 Full-Time Equivalent Employees



# NCHCS Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Replace Roof Bldg. 700	Replace roof system and enclose penthouse	FY19 2 <sup>nd</sup> Qtr	\$500,000 to \$1,000,000
Replace Elevators in VANCHCS Study	35% design for replacement.	FY19 2 <sup>nd</sup> Qtr	\$1,000,000 to \$5,000,000
Study to Correct Electrical Deficiencies	35% design for upgrades and replacement	FY19 2 <sup>nd</sup> Qtr	\$1,000,000 to \$5,000,000
Develop Space Study and Inventory	Baseline and validation of floor plans	FY19 2 <sup>nd</sup> Qtr	\$500,000 to \$1,000,000
Develop Master Plan for Mather	Includes existing facility and 18 Acres of farm land	FY19 2 <sup>nd</sup> Qtr	\$500,000 to \$1,000,000





# NCHCS Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Study Process Sterile Storage NCHCS	Evaluation of existing compared to new requirements.	FY19 3 <sup>rd</sup> Qtr	\$500,000 to \$1,000,000
Renovate 3rd Floor of Bldg. 700 Bed Tower	Inpatient renovation to single bed utilization.	FY19 4 <sup>th</sup> Qtr	\$500,000 to \$1,000,000
Construct Building 726 Courtyard	Mental Health Secure courtyard	FY20 2 <sup>nd</sup> Qtr	\$250,000 to \$500,000
Develop Master Plan for Mather	Includes existing facility and 18 Acres of farm land	FY19 2 <sup>nd</sup> Qtr	\$500,000 to \$1,000,000



# NCHCS Current/Future Projects

Project title: Replace Roof Bldg. 700

Project timeline: March 1, 2018; Construct FY20;

Scope: This project will add a 2nd deck to the existing penthouse and relocate existing mechanical equipment to the 2<sup>nd</sup> deck. The scope includes enclosing the penthouse and replacement of the existing roofing system as well.



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# NCHCS Current/Future Projects

Project title: Replace Elevators in VANCHCS Study

Project timeline: March 1, 2018; Construct FY20;

Scope: This study will define existing conditions of elevators within the Healthcare system and develop a design/build procurement package for replacements.



# NCHCS Current/Future Projects

Project title: Study to Correct Electrical Deficiencies

Project timeline: March 1, 2018; Construct FY20;

Scope: This study will provide correction and inventory of the electrical and mechanical system throughout the healthcare system. The AE will develop a design/Build Procurement package in phases for upgrades and replacement.



# NCHCS Current/Future Projects

Project title: Develop Space Study and Inventory

Project timeline: March 1, 2018;

Scope: This project will provide validation of our current floor plans and create a numbering system of inventory for each space for engineering space file and CAI data base.



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# NCHCS Current/Future Projects

Project title: Develop Master Plan for Mather

Project timeline: March 1, 2018

Scope: This project will develop a plan business plan model for expansion and growth of our Healthcare system at the Mather facility. The VA recently purchased adjacent land; over 18 acres of farm land for development. Included is a landscape master plan as well.



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# NCHCS Current/Future Projects

Project title: Study Process Sterile Storage  
NCHCS

Project timeline: June 1, 2018

Scope: This project will study our existing sterile storage space and compare it to the new requirements issued. This study will assist with possible adjustments or recommend overall retrofit.



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# NCHCS Current/Future Projects

Project title: Construct Building 726 Courtyard

Project timeline: March 1, 2020; Construct FY21

Scope: This project will design a secure courtyard that can be used by our Inpatient Mental Health Patients on a daily basis. The courtyard will be designed within the existing operation of the secure Inpatient Mental Health building.



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# TITLE

Identify Project Point of Contact:

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QUESTIONS/ANSWERS



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