

# FACILITY

## A/E BUSINESS OPPORTUNITIES

For

## CENTRAL CALIFORNIA/NEVADA

Central California (Fresno)

VA Southern Nevada (Las Vegas)

VA Sierra Nevada (Reno)

Panel:

Travis Horn

Brian McClung

Richard Crowe



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# **A/E BUSINESS OPPORTUNITIES**

## **For**

### **Fresno VA Medical Center**

Briefer:  
Travis Horn, Chief Engineer



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# Fresno OVERVIEW

- Fresno VAMC is a 500,000 GSF Level 1C hospital consisting of 57 inpatient hospital beds, a 60 bed nursing home and several outpatient and administrative buildings. The Fresno VAMC is planning for expansion of its outpatient facilities to a 9 acre property in Clovis, CA
- The Chief Engineer's primary responsibility is the oversight of the facility's maintenance operations and expansion and renovation program.



# Fresno AE Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Expand Canteen and Pharmacy for USP800 Compliance	Design new Canteen and Inpatient pharmacy renovation	FY19 4 <sup>th</sup> Qtr	\$500,000-\$1,000,000
Expand Community Living Center	Design expansion of existing Community Living Center	FY19 4 <sup>th</sup> Qtr	\$500,000-\$1,000,000
Construct Photovoltaic System	Design new 400 KW canopy mounted photovoltaic system	FY19 4 <sup>th</sup> Qtr	\$100,000-\$250,000
Replace Mechanical Systems	Design replacement of 4 AHU systems in main hospital	FY19 4 <sup>th</sup> Qtr	\$500,000-\$1,000,000
Correct Physical Security Deficiencies	Design correction of physical security deficiencies	FY19 4 <sup>th</sup> Qtr	\$500,000-\$1,000,000



# Fresno Current/Future Projects

Project title: Expand Canteen and Pharmacy for USP800 Compliance

Project timeline:

Award in FY19, Design POP  $\pm$ 240 days

Scope: Design of new standalone canteen building and subsequent renovation of vacated canteen space for inpatient pharmacy relocation.



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# Fresno Current/Future Projects

Project title: Expand Community Living Center

Project timeline:

Award in FY19, Design POP  $\pm$ 200 days

Scope: Design of new 12 bed expansion to the existing Community Living Center.



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# Fresno Current/Future Projects

Project title: Construct Photovoltaic System

Project timeline:

Award in FY19, Design POP  $\pm 180$  days

Scope: Design of new 400KW photovoltaic system and canopy structure over existing parking lot.



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# Fresno Current/Future Projects

Project title: Replace Mechanical Systems

Project timeline:

Award in FY19, Design POP  $\pm$ 200 days

Scope: Design replacement of 4 existing AHUs in Building 1. Includes necessary ancillary system upgrades.



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# Fresno Current/Future Projects

Project title: Correct Physical Security Deficiencies

Project timeline:

Award in FY19, Design POP  $\pm$ 240 days

Scope: Design correction of multiple physical security deficiencies including traffic rated vehicle barriers, lighting, security cameras, security control station.



# Fresno Projects Point of Contact

Fresno Chief Engineer

Travis Horn 559.225.6100 Ext 5735

[Travis.Horn@va.gov](mailto:Travis.Horn@va.gov)

VISN SBL Point of Contact

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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Las Vegas

# A/E BUSINESS OPPORTUNITIES

For

VA Southern Nevada Healthcare System

Las Vegas, Nevada

Briefer:

Brian C. McClung, Chief, Engineering Service



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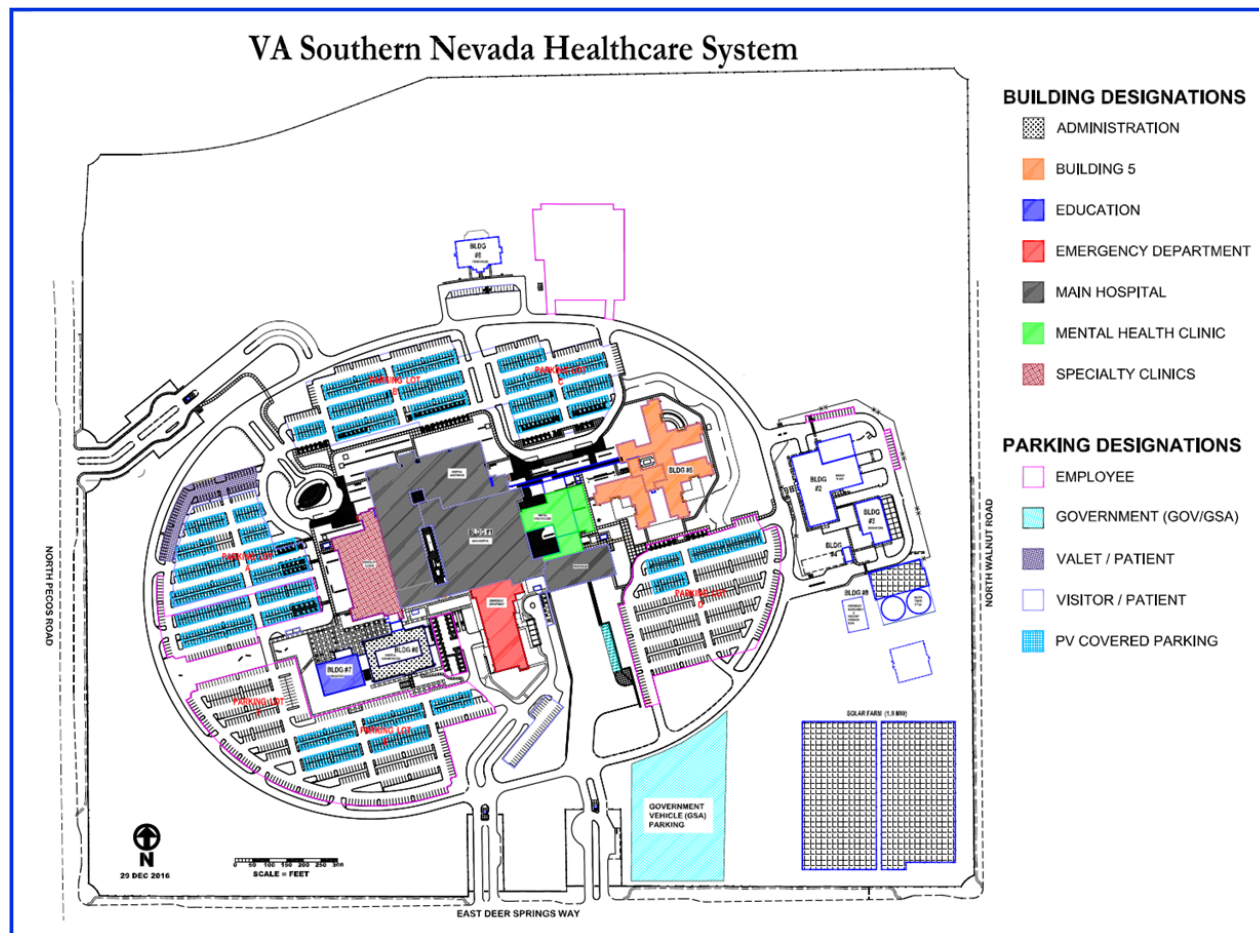


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# Las Vegas OVERVIEW

## VA Southern Nevada Healthcare System

- Brian C. McClung, Chief Engineer
  - Energy Conservation, Maintenance, Operations, Transportation, and Utilities Mgt
  - GEMS, Industrial Hygiene, Safety
  - Leases, Planning, and Project Mgt for 1.2mil SF of Veterans Healthcare



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# Las Vegas Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Primary Care Clinic	Primary Care Bldg.	FY19 2 <sup>nd</sup> Qtr	> \$10mil
Women's Clinic	Dedicated Women's Primary Care Bldg.	FY19 2 <sup>nd</sup> Qtr	> \$10mil
Utility Loop	Distrib Primary Utilities	FY19 1 <sup>st</sup> Qtr	\$1mil - \$5mil
Upgrade PR RTP B.5	Remodel of Inpatient Rooms	FY19 1 <sup>st</sup> Qtr	\$100K - \$200K
Parking Lot Paving	New Pavement 200 – 400 spaces	FY19 1 <sup>st</sup> Qtr	\$1mil - \$5mil
Reverse Osmosis Sys	Replace Dialysis RO	FY19 2 <sup>nd</sup> Qtr	\$1mil - \$5mil
Renov Logistics Space	New Clean Room	FY19 1 <sup>st</sup> Qtr	\$1mil - \$5mil

# Las Vegas Current/Future Projects

**Project title:** Primary Care Clinic Bldg

**Project timeline:** Design Award, 2<sup>nd</sup> Qtr FY 19

**Scope:** Provide Design Package for new Primary Care Bldg incorporating PACT Model application. The bldg. will house 3 – 5 PAC Teams providing Primary Medical Care to approximately 3,000 – 6,000 Veterans. Bldg design may include Out-patient Radiology services, along with Lab, Mental health, Social work, and, of course, Medical Care.



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# Las Vegas Current/Future Projects

**Project title:** Women's Clinic Bldg

**Project timeline:** Design Award, 2<sup>nd</sup> Qtr FY 19

**Scope:** Provide Design Package for new dedicated Women's Primary Care Bldg incorporating PACT Model application. The bldg. will house 3 – 5 PAC Teams providing Primary Medical Care designed specifically for Women's Care for approximately 3,000 – 6,000 Female Veterans. Bldg design shall include Mammography Radiology services, along with Lab, Mental Health, Social Work, and, of course, Medical Care.



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# Las Vegas Current/Future Projects

**Project title:** New Utility Loop

**Project timeline:** Design Award, 1st Qtr FY 19

**Scope:** New Primary Utility distribution to areas planned for future building construction. Utilities to include easement layout of Nat Gas, Electricity, Chilled Water, Steam, Domestic Soft water, Drinking Water, Tele-Comm, fire alarm, Fire Protection water, Environment Controls network. Installation will provide redundant systems and sizing for currently planned future expansions. Designs will incorporate analysis of existing central plant provisions so future system upgrades may be planned for inclusion.



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# Las Vegas Current/Future Projects

**Project title:** B.5 PR RTP Remodel

**Project timeline:** Design Award, 1st Qtr FY 19

**Scope:** To provide design package for minor remodel of B.5, Patient Ward 1 West for the occupation of a Psychosocial Residential Rehabilitation Treatment Program. Design will incorporate concepts from an existing master plan while meeting customer expectations of Mental Health and Social Work services.



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# Las Vegas Current/Future Projects

**Project title:** Parking Lot Paving

**Project timeline:** Design Award, 1st Qtr FY 19

**Scope:** This is a Design/Build project to provide paving to, at a minimum, the Temporary gravel parking area located on the North East are of the VASNHS campus. The lot will provide parking for 200 -400 parking spaces, including 15% ADA parking provisions. The lot will incorporate adequate solar powered parking lighting, curbs and pedestrian pathways. The lot will be used by staff and Veterans.



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# Las Vegas Current/Future Projects

**Project title:** Replace Dialysis RO Water System

**Project timeline:** Design Award, 2nd Qtr FY 19

**Scope:** To provide design package for the replacement and relocation of the existing Dialysis RO Water filtration system. The relocation and replacement will include the complete removal of the existing system and replacement of the entire water distribution to each of the points of use within Dialysis. This project will increase water quality and ease of access while reducing annual maintenance costs.



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# Las Vegas Current/Future Projects

**Project title:** Renovate Logistics Space, B.1

**Project timeline:** Design Award, 1st Qtr FY 19

**Scope:** To provide design package for minor remodel of B.5, Patient Ward 1 West for the occupation of a Psychosocial Residential Rehabilitation Treatment Program. Design will incorporate concepts from an existing master plan while meeting customer expectations of Mental Health and Social Work services.



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# Las Vegas Points of Contact

**VASNHS POC:** Brian C. McClung, Chief Engineer

VASNHS

6900 North Pecos St

North Las Vegas, NV 89086

Office: 702-791-9000 x 14051

[brian.mcclung@va.gov](mailto:brian.mcclung@va.gov)

**VISN SBL POC:** Angela M Miller

Small Business Specialist/Department of Veterans  
Affairs/Network Contracting Office 21 (NCO 21)

Office: (925) 372-2314

[angela.miller9@va.gov](mailto:angela.miller9@va.gov)



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## **Architect / Engineer Business Opportunities For Veterans Affairs Hospital Reno, NV**

RICHARD C. CROWE, J.D.  
Deputy Capital Asset Manager VISN 21  
For  
David Law, Chief Engineer VASNHCS



# Reno OVERVIEW

- VA Sierra Nevada Health Care System is a Level 1C medical center which provides inpatient, outpatient and mental health services throughout Northwestern Nevada and Northeastern California. In addition to the main campus, the health care system operates several outpatient locations in the Reno area, along with CBOCs located in Fallon and Gardnerville, Nevada, as well as in Auburn and Susanville, California.
- Dave Law, Chief, Facilities Management Service



# Reno Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Parking Structure Solar Panels	Install solar panels atop new parking structure	FY19 2 <sup>nd</sup> Qtr	\$100K-\$250K
Prevention of Legionella	Bldgs 10 & 12	FY19 2 <sup>nd</sup> Qtr	\$100K-\$250K
Elec Deficiency Corrections	Addresses FCA issues at multiple buildings	FY19 2 <sup>nd</sup> Qtr	\$100K-\$250K
Seismic Structural Analysis	Bldg 10, Emergency Dept, MRI Wing	FY19 3 <sup>rd</sup> Qtr	\$25K-\$100K
Physical Therapy Practice Apartment	Convert for other uses.	FY19 2 <sup>nd</sup> Qtr	\$25K-\$100K





# Reno Opportunities Forecast

Requirement	Description	Anticipated Date Needed	Range of Value \$
Seismic Boiler Plant Replacement	Replace and Relocate Boiler Plant Construct Parking Structure	FY19 4 <sup>th</sup> Qtr	\$5M-\$10M
Seismic Renovation In-patient Tower	Building 12 Seismic Renovation	FY19 4 <sup>th</sup> Qtr	\$1M-\$5M
Seismic Renovation of Clinical Building	Upgrade Building 1D for Seismic Compliance	FY19 4 <sup>th</sup> Qtr	>\$10,000,000



# Reno Current/Future Projects

**Title:** Install Solar Panels New Parking Structure

**Timeline:** Design award FY19-2, (\$100K-\$200K)

**Scope:** New four story parking structure is built to structurally accommodate a solar panel array. This project builds a panel holding structure, installs the panels, and installs associated electrical equipment.



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# Reno Current/Future Projects

**Title:** Prevention of Legionella

**Timeline:** Design award FY19-2, (\$100K-\$200K)

**Scope:** This project installs systems to correct cold water temperature issues and chlorine residual levels at Bldgs 10 and 12.



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# Reno Current/Future Projects

**Title:** Electrical Deficiency Corrections

**Timeline:** Design award FY19-2, (\$100K-\$200K)

**Scope:** Correct FCA deficiencies and other identified electrical deficiencies throughout the campus.



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# Reno Current/Future Projects

**Title:** Seismic Structural Analysis Various Bldgs

**Timeline:** Design award FY19-3, (\$25K-\$100K)

**Scope:** Analyze the structural elements against current seismic codes specifically for Building 10, the Emergency Department, and the MRI Wing.



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# Reno Current/Future Projects

**Title:** Convert Physical Therapy Practice Apartment

**Timeline:** Design award FY19-2, (\$25K-\$100K)

**Scope:** Current practice apartment is not utilized, so convert to increase utilization. Remove apartment elements and replace with necessary power/lighting/data/HVAC to for future purposes.



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# Reno Current/Future Projects

**Title:** Replace and Relocate Boiler Plant, Construct Parking Structure

**Timeline:** Design award to be made in FY19

**Scope:** Presently the facility is developing the scope of work. This is a funded project. Design costs under \$10 million. Construction start is targeted for 2022.



# Reno Current/Future Projects

**Title:** Building 12 Seismic Renovation

**Timeline:** Design award to be made in FY19

**Scope:** This project will correct structural deficiencies identified in a recent seismic analysis. In addition Facility Condition Assessment Deficiencies, and physical security deficiencies will also be corrected.

The scope of the project includes numerous skilled trades in a variety of fields which will demand a variety of specialized contractors be part of the project



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# Reno Current/Future Projects

**Title:** Upgrade Building 1D for Seismic Compliance

**Timeline:** Design award to be made in FY19

**Scope:** Correct building structure seismic deficiencies; non-structural seismic restraint deficiencies; FCA deficiencies ; physical security deficiencies; space allocation deficiencies. This project is seeking FY 2019 special seismic funding.

The scope of the project includes numerous skilled trades in a variety of fields which will demand a variety of specialized contractors be part of the project



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# Reno Points of Contact

Dave Law

Chief, Facilities Management Service

(775)789-6667

[David.law2@va.gov](mailto:David.law2@va.gov)

VISN SBL POC

Angela M Miller

Small Business Specialist/Department of Veterans Affairs/Network  
Contracting Office 21 (NCO 21)

Office: (925) 372-2314

[angela.miller9@va.gov](mailto:angela.miller9@va.gov)

QUESTIONS/ANSWERS



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