

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. **Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE) NAME:	Bureau Veritas North America, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	5333 N. 7 th Street, Suite C221
c. FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85014

f. YEAR ESTABLISHED:	2014 – This is a new office. BVNA has had an office in the State of Arizona for more than 10 years.
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(g1). OWNERSHIP - TYPE:	Corporation
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	N/A

h. POINT OF CONTACT NAME AND TITLE:	Michael Vieira, CBO – Director of Operations
i. POINT OF CONTACT TELEPHONE NUMBER:	916-725-4200 / 916-514-4529
j. POINT OF CONTACT E-MAIL ADDRESS:	Michael.vieira@us.bureauveritas.com

k. NAME OF FIRM (If block 1a is a branch office):	Bureau Veritas North America, Inc.
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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Civil Engineer (plan review)		13	1
<i>George Kellogg, PE</i>	P		
<i>Kirk Miya, PE</i>	P		
<i>Robert Chang, PE</i>	P		
<i>Phuoc Nguyen, PE</i>	P		
<i>Wendy Haggard, PE</i>	P		
<i>Monte Bowers, PE</i>	P		
<i>William Bixby, PE</i>	P		
<i>Steven Beswick, PE</i>	P		
<i>John Che, PE</i>	S		
<i>Keith Hatton, PE</i>	S		
<i>Michael Middleton, PE</i>	P		
<i>Craig Hamner, PE</i>	P		
<i>Jee Choy, PE</i>	P		
Construction Inspector		6	5
<i>Keith Brooks</i>	P		
<i>Robert Petrillo</i>	P		
<i>Leon McNeil</i>	P		
<i>David Simons</i>	P		
<i>Peter Johnson</i>	P		
<i>Charlie Rose</i>	P		
Electrical Engineer (plan review)		3	
<i>Cristian Son, PE</i>	P		
<i>Nader Shams, PE</i>	P		
<i>Steven Block, PE</i>	P		
Fire Protection Engineer (plan review)		1	
<i>Stephen Jensen, FPE</i>	P		
Mechanical Engineer (plan review)		1	

<i>Thomas Trimberger, PE</i>	P		
Project Manager		3	
<i>Michael Vieira, CBO</i>	P		
<i>Y. Henry Huang, SE, CBO</i>	P		
<i>Shamica Zenn</i>	P		
Structural Engineer (plan review)		4	1
<i>William Mancini, SE</i>	P		
<i>Alan Ho, SE</i>	P		
<i>Y. Henry Huang, SE</i>	P		
<i>Eric Rodriguez, SE</i>	P		
Transportation Engineer (plan review)		1	1
<i>Keith Hatton, PE</i>	P		
Water Resources Engineer (plan review)		1	
<i>John Che, PE, QSD/QSP</i>	P		
Total		33	8

BVNA has included resumes of the key individuals for this contract. Resumes for all staff can be provided upon request.

4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Michael Vieira, CBO	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 30+	2. WITH CURRENT FIRM 4+
d. LOCATION (City and State) Sacramento, CA			
e. EDUCATION (DEGREE AND SPECIALIZATION) A.A. Accounting		f. PROFESSIONAL TRAINING - REGISTRATIONS ICC Certified Building Inspector, Building Inspector CBC, Building Plans Examiner, Building Plans Examiner CBC, Certified Building Official	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
 Past President, County Building Officials Association of California (CBOAC), Past President, Sacramento Valley Building Officials (SVABO), Past President and Member of Board of Directors, Sacramento Valley Association of Building Officials (SVABO), 2012 and 2013 Outstanding Contribution Award (SVABO), 2007 Industry Member of the Year (SVABO), Inducted into the California Building Officials (CALBO) Hall of Fame in 2005, Recipient of the CALBO Presidents Award in 1998

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Director of Operations/Operations Manager Sacramento, California and Phoenix, Arizona	2013 - Present	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Serves as Director of Operations for Bureau Veritas North America Inc.'s west coast code compliance division. Oversees plan review and inspections for projects in Northern California, Arizona, Washington, and Nevada. Directly involved with projects that require a higher level of understanding of code requirements and intent, as well as projects with unique challenges and complex components. Knowledge and experience includes thinking outside the box to find solutions to code challenges while avoiding any negative impact to project schedules and/or budgets.			
2.	Plans Examiner Sacramento, California	2010 - 2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
Provided plan review of commercial, industrial, residential, and agricultural structures for compliance with International and California non-structural code requirements. Reviews included building fire-life safety, energy, electrical, plumbing, mechanical, and accessible code requirements of ICC, Title 24 CCR, and ANSI A117.1. business and medical office structures experience, general purpose national laboratories, schools, jails, courtrooms, military housing, residential single and multi-family structures, residential master plans, industrial, and agricultural buildings.			
3.	Building Official and Plans Examiner Butte County (Oroville), California	Professional Services	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
Enforced applicable Federal, State, and local construction regulations for residential, commercial, agricultural, industrial, manufactured housing, and accessory structures. Spent 11 years as FEMA Flood Plain Administrator. Enforced certain provisions of the Williamson Act and Subdivision Map Act. Experienced in personnel management and building department budgeting and fee analysis.			

4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

b. NAME William Mancini, SE	b. ROLE IN THIS CONTRACT Primary Plan Review Engineer	c. YEARS EXPERIENCE	
		2. TOTAL 30+	2. WITH CURRENT FIRM 2+
d. LOCATION (City and State) Sacramento, CA			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S.Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Structural Engineer: AZ, #14762 Registered Professional Engineer: AZ, #14274, CA, # 31928, NV, #006006, MD, #38558, DC, # PE905663 (inactive), NM, #10841, ND, #PE-7625	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) Board Member, Structural Engineers Association of Arizona			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) <i>Structural Plan Review Engineer Phoenix, AZ</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provides structural plan review services for clients in Arizona and California. Projects include tenant improvements for the City of Phoenix, City of Tempe, residential and commercial plan review for the City of Burlingame, and others.	2013 - Present	N/A
		<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) <i>Structural Plan Review Engineer Phoenix, AZ</i>	(2) YEAR COMPLETED	
		Professional Services Ongoing	Construction (if applicable) N/A
3.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provides in-house plan review services for the City of Phoenix on an as-needed basis.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) <i>Structural Plan Review Engineer Phoenix, AZ</i>	(2) YEAR COMPLETED	
		Professional Services Ongoing	Construction (if applicable) N/A
4.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE City of Tempe - Arizona State University NTACT coater tool in Photo Bay (2013): Provided structural plan review services for this project which was the installation of a new NTACT coater tool. This tool required GPN2, PVAC, solvent exhaust, solvent waste, and power.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) <i>Structural Plan Review Engineer Phoenix, AZ</i>	(2) YEAR COMPLETED	
		Professional Services Ongoing	Construction (if applicable)
5.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE City of Burlingame - Provides plan review services for residential and commercial projects on an as-needed basis.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION (City and State) <i>Structural Plan Review Engineer Phoenix, AZ</i>	(2) YEAR COMPLETED	
		Professional Services Ongoing	Construction (if applicable)
5.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Town of Loomis - Provides plan review services for residential and commercial projects on an as-needed basis.	<input checked="" type="checkbox"/> Check if project performed with current firm	

4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

c. NAME Alan Ho, SE, LEED AP	b. ROLE IN THIS CONTRACT Primary Structural Plan Review Engineer	c. YEARS EXPERIENCE	
		3. TOTAL 30+	2. WITH CURRENT FIRM 3+
d. LOCATION (City and State) Sacramento, CA			
e. EDUCATION (DEGREE AND SPECIALIZATION) M.S. Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Structural Engineer: AZ, #52976	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) Board Member, Structural Engineers Association of Arizona			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Structural Plan Review Engineer for Ivanpah Solar Electric Generating Station Nipton, CA	2011 - 2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Senior Plan Reviewer for the ISEGS Project. Executes structural reviews for this power plant consisting of three, 450 feet steel towers to receive the solar power for the generator in the tower. Reviews on the tall tower superstructure, tall vertical concrete walls mass foundations are required. Provided structural plan review for this revolutionary project. Also performed soil documents review. The primary foundation challenge for this project is a large mat on grade (120 feet x 120 feet x 9 feet deep) supporting over 440 foot tall steel tower which houses the generator, tunes mass damper system and various equipment. The plant includes three of these towers. Due to the height of the steel tower, a massive, thick mat foundation is required in order to limit the superstructure drift and vibration problems with the help of the Tuned Mass Damper System. In addition, this project includes thousands of drilled pier footings support the fragile curve solar mirrors on steel frames. Standard and shallow spread footings are used for regular industrial building and structures. Seismicity, underground water, soil collapse and chemical corrosions are not severe for this site in the California desert. Borings and tests for underground cables and equipment, soil data/types information in the soil report were reviewed along with site preparation, fill requirements, slopes, dewatering, roadway and parking plans.		
2.	Structural Plan Review Engineer for Sacramento Kings Arena Lateral Analysis Sacramento, CA	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Provided the lateral review of the new NBA multi-use arena. The new arena will seat 17,500 fans across 628,000 square feet and is valued at \$477 million. The total space of the arena including parking, office space, restaurant, and sales office will be more than 1,000,000 square feet. The arena structure rises approximately 102 feet from the basement level to the top of the roof. The first 40 feet of the structure consists of rigid concrete shear wall with the remaining 62 feet being flexible steel brace frame. Utilizes RISA 3-D software to review the design modeling approach used for the lateral resisting system and verify that calculations are correct. Reviews plans as they are revised to address any code issues that arise during the structural analysis.		
3.	Structural Plan Review Engineer for LeParc at Brickell CitiCentre Miami, FL	2014	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Le Parc at Brickell is a 12 story, 128 unit boutique condominiums. It is an eco-friendly building located just blocks away from Miami's urban scene. It boasts panoramic views of Simpson Park, Biscayne Bay, and the Downtown Miami/Brickell skyline. Residential units range from 545 to 2,198 square feet in size and include six foot wide private balconies. Included in the Le Parc complex are studios, one, two, three bedroom, and townhouse units.		
4.	Structural Plan Review Engineer for Claybank Adult Detention Facility Fairfield, CA	2011 - 2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input checked="" type="checkbox"/> Check if project performed with current firm
	Provided Structural Plan Review of the Claybank Adult Detention Facility, which is a state of the art \$82 million I-3 Condition 4, 127,500 square foot detention building with housing for a maximum of 450 beds on two cell tier levels. Reviewed in conformance with the 2010		

California Building, Electrical, Mechanical, Plumbing, Energy, and Green Building Codes. The facility consists of podular maximum security housing units operated at a central control, which utilizes modern electronic security systems and will offer more convenience to the public and inmates through the use of video visitation telecommunication equipment. The integrated building, houses a medical facility, administrative support services, vehicle sallyport, laundry and a central plant. This structure is a 127,800 square foot, two story building composed of steel framing, steel floor decking with concrete infill, steel roof decking and CMU interior and exterior walls.		
5.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Structural Plan Review Engineer for Abengoa Mojave Solar Project Hinkley, CA</i>	(2) YEAR COMPLETED Professional Services 2011 - 2014
	Construction (if applicable) 2014	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
<p>Performed extensive structural reviews for superstructures, buildings, foundations, mechanical, electrical, tanks, platform, walkway bridges and stair structures. Fast track structural reviews for the 250 MW facility power project within very tight schedules for reviews and constructions in less than a year. The plant consists of many tall steel stacks, steel tanks and steel cooling towers, and large foundations and had to be approved in a fast manner. The Abengoa Mojave Solar Project uses parabolic trough technology to solar heat a heat transfer fluid (HTF) will generate steam in solar steam generators, which will expand through a steam turbine generator to produce electrical power from twin, independently operable solar fields, each feeding a 125 MW power island. The sun will provide 100% of the power supplied to the project through solar-thermal collectors.</p>		

4. Resumes of Key Personnel Proposed for this Contract (*Complete one Section 4 for each key person.*)

d. NAME Thomas Trimberger, PE, CBO, LEED AP	b. ROLE IN THIS CONTRACT Primary Mechanical Plan Review Engineer	c. YEARS EXPERIENCE	
		4. TOTAL 25+	2. WITH CURRENT FIRM 5+
d. LOCATION (<i>City and State</i>) <i>Sacramento, CA</i>			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) <i>B.S. Mechanical Engineering</i>		f. PROFESSIONAL TRAINING - REGISTRATIONS <i>Registered Mechanical Engineer: AZ, #53868 ICC Certified: Building Plans Examiner, Mechanical Plans Examiner, Plumbing Inspector UPC, Certified Mechanical Code Official, Certified Building Official, Plumbing Plans Examiner, Certified Plumbing Code Official, Certified Mechanical Inspector UMC, Certified Plumbing Inspector, Mechanical Inspector</i>	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>) <i>ICC, CALBO, SVABO</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Mechanical Plan Review Engineer for Ivanpah Solar Electric Generating Station Nipton, CA</i>	(2) YEAR COMPLETED Professional Services 2011 - 2014
	Construction (if applicable) 2014	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
<p>Worked on all aspects of code review of mechanical systems from start to, end for the ISEGS. ISEGS is a 392 MW solar thermal power facility. The, project uses mirrors to focus the power of the sun on solar receivers atop, 460 foot power towers. The complex is comprised of three separate plants, and will use BrightSource Energy's LPT 550 technology. The solar arrays, consist of thousands of software controlled mirrors reflecting the sunlight, to a boiler that sits atop a tower. When the sunlight strikes the boilers, pipes, it heats the water to create super heated steam which is then paid to a turbine were electricity is generated.</p>		
2.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Mechanical Plan Review Engineer for University of Nevada, Reno Pennington Student Achievement Center Reno, NV</i>	(2) YEAR COMPLETED Professional Services Ongoing
	Construction (if applicable) N/A	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
<p>Provides mechanical plan review services by the State of Nevada for the new University of Nevada, Reno, Pennington Student Achievement Center project. The new facility consists of 70,600 square feet and will house, the Writing Center, Math Center, Tutoring Center, Career Services, Advising Center, Student Veteran Affairs,, Disabilities Resource Center, Counseling Services, Trio & McNair Scholars, and Student Faith Based Groups., Additionally, collaborative work spaces, computer workstations, and food services will be located in this facility.</p>		

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3.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Mechanical Plan Review Engineer for Temple Art Lofts Vallejo, CA</i>	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Mechanical, plan, fire and life safety review to both state building and historical building codes. Project included the conversion of the existing Masonic Hall and adjacent historic City Hall and jail to mixed use facility. The end use will retain the historic exterior facades and certain interior rooms and features designated historical. It incorporates multi-family residential units, restaurants, offices, assembly areas, and possible mercantile uses.		
4.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Mechanical Plan Review Engineer for Claybank Adult Detention Facility Fairfield, CA</i>	(2) YEAR COMPLETED	
		Professional Services 2011 - 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Provided mechanical plan review of the Claybank Adult Detention Facility, which is a state of the art \$82 million I-3 Condition 4, 127,500 square foot detention building with housing for a maximum of 450 beds on two cell tier levels. Reviewed in conformance with the 2010 California Building, Electrical, Mechanical, Plumbing, Energy, and Green Building Codes. The facility consists of podular maximum security housing units operated at a central control, which utilizes modern electronic security systems and will offer more convenience to the public and inmates through the use of video visitation telecommunication equipment. The integrated building, houses a medical facility, administrative support services, vehicle sallyport, laundry and a central plant. This structure is a 127,800 square foot, two story building composed of steel framing, steel floor decking with concrete infill, steel roof decking and CMU interior and exterior walls.		
5.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Mechanical Plan Review Engineer for Abengoa Mojave Solar Project Hinkley, CA</i>	(2) YEAR COMPLETED	
		Professional Services 2011 - 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Performed extensive mechanical reviews for superstructures, buildings, foundations, mechanical, electrical, tanks, platform, walkway bridges and stair structures. Fast track structural reviews for the 250 MW facility power project within very tight schedules for reviews and constructions in less than a year. The plant consists of many tall steel stacks, steel tanks and steel cooling towers, and large foundations and had to be approved in a fast manner. The Abengoa Mojave Solar Project uses parabolic trough technology to solar heat a heat transfer fluid (HTF) will generate steam in solar steam generators, which will expand through a steam turbine generator to produce electrical power from twin, independently operable solar fields, each feeding a 125 MW power island. The sun will provide 100% of the power supplied to the project through solar-thermal collectors.		

4. Resumes of Key Personnel Proposed for this Contract (*Complete one Section 4 for each key person.*)

e. NAME Cristian Son, PE	b. ROLE IN THIS CONTRACT Primary Electrical Plan Review Engineer	c. YEARS EXPERIENCE	
		5. TOTAL 25+	2. WITH CURRENT FIRM 5+
d. LOCATION (<i>City and State</i>) <i>Sacramento, CA</i>			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) <i>M.S. Electrical Engineering</i>		f. PROFESSIONAL TRAINING - REGISTRATIONS <i>Registered Electrical Engineer: AZ, #51091</i>	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>) <i>IEEE, NCEES, NFPA, IAEI</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Electrical Plan Review Engineer for Ivanpah Solar Electric Generating Station Nipton, CA</i>	(2) YEAR COMPLETED	
		Professional Services 2011 - 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Electrical Plan Reviewer of the ISEGS project, which is a 392 MW solar thermal power facility, that uses mirrors to focus the power of the sun on solar receivers atop 460 foot tower. The complex is comprised of three separate plants and use BrightSource Energy's LPT 550 technology. The solar arrays consist of thousands of software controlled mirrors tracking the sun in two dimensions and reflecting the		

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	sunlight to a boiler that sits atop a tower.	
2.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Electrical Plan Review Engineer for University of Nevada, Reno Pennington Student Achievement Center Reno, NV</i>	(2) YEAR COMPLETED Professional Services Ongoing
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Provides electrical plan review services by the State of Nevada for the new University of Nevada, Reno, Pennington Student Achievement Center project. The new facility consists of 70,600 square feet and will house, the Writing Center, Math Center, Tutoring Center, Career Services, Advising Center, Student Veteran Affairs., Disabilities Resource Center, Counseling Services, Trio & McNair Scholars, and Student Faith Based Groups., Additionally, collaborative work spaces, computer workstations, and food services will be located in this facility.	
3.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Electrical Plan Review Engineer for Chevron Cogeneration Plant Fresno, CA</i>	(2) YEAR COMPLETED Professional Services 2014 - Present
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Provided Electrical Plan Review for co-gen plant. The project consists of four existing Heat Recovery Steam Generators (HRSG), one of which is being replaced within the scope of this project. This new steam generator is being added to reduce the NOx to 2%. This new unit is slightly bigger than the unit it is replacing therefore the structural support will be new. The new unit will tie into the existing piping rack. There will be a new Motor Control Center (MCC) and new HRSG blowers. All work is being designed and constructed under California Building Codes (CBC) 2013 Edition and Fresno County "Code of Building Regulations".	
4.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Electrical Plan Review Engineer for Claybank Adult Detention Facility Fairfield, CA</i>	(2) YEAR COMPLETED Professional Services 2011 - 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Performed plan review in conformance with the 2010 California Building, Electrical, Mechanical, Plumbing, Energy, and Green Building Codes. This structure is a 127,800 square foot, two story building composed of steel framing, steel floor decking with concrete in fill, steel roof decking and CMU interior and exterior walls.	
5.	(1) TITLE AND LOCATION (<i>City and State</i>) <i>Electrical Plan Review Engineer for Abengoa Mojave Solar Project Hinkley, CA</i>	(2) YEAR COMPLETED Professional Services 2011 - 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm
	Performs electrical plan review for Abengoa Mojave Solar Project. The project has a combined electrical output of 250 MW from two independently operable solar collector fields (heat collection element) surfacing a total of 200,000 square feet, and includes a new 220 kV substation. Installation of fiber optic communication cables, associated poles, conduits and other telecommunication facilities provides a diverse path routing of communications for project interconnection and redundancy at the power blocks.	

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Building Plan Review and Inspection Services City of Phoenix, Arizona	2012 - Present	N/A
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER City of Phoenix	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$500,000 for plan review \$500,000 for inspection	e. TOTAL COST OF PROJECT Time and Materials. Current contracts are within the budget specified.

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Bureau Veritas North America, Inc. is currently providing in-house building plan review and building inspection services for the City of Phoenix. Projects include new and existing residential as well as new and existing commercial structures of various sizes and complexities. Our team provides in house plan review services for various disciplines and departments within the City. Our inspectors report to the City to conduct daily inspections of residential and commercial structures.

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
b. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Plan Review City of Tempe, Arizona	2013 - Present	N/A
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER City of Tempe	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT Time and Materials on a per project basis	e. TOTAL COST OF PROJECT BVNA plan review services remained within the budget specified.

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Bureau Veritas is currently providing building plan review services for the City of Tempe. Projects include new and existing residential as well as new and existing commercial structures.

ProVision (2013)

BVNA provided plan review services for this 11,716 square foot tenant improvement. Project included demolition of interior partitions and the construction of new partitions. Project valuation is estimated at \$410,000. Occupancy group B-2, construction type II-A.

Desert Drive Lobby Renovation (2013)

This renovation included approximately 3,600 square feet of tenant improvement space. Occupancy group B, construction type II-B. Project included a minor lobby renovation to install need entry doors to lobby suites, new finishes, new suspended ceilings, bulkheads, and new entry kiosk feature wall. Project valuation is estimated at \$180,000.

Arizona State University NTA CT Coater Tool in Photo Bay (2013)

Installation of a new NTA CT coater tool. This tool requires GPN2, PVAC, solvent exhaust, solvent waste, and power.

Centene Corporate - US Script (2013)

BVNA provided plan review services for this 14,128 square foot tenant improvement projected, estimated to be nearly \$400,000 construction valuation. Occupancy group B, construction type I-B.

Lincoln Strategy Group (2013)

This project included the tenant improvement of existing office space. Work done included new walls, doors, window glazing, finish materials, mechanical, electrical, and plumbing. Estimated construction valuation is \$106,435. Occupancy group B, construction type II-A.

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
c. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Plan Review for University of Nevada, Reno Pennington Student Achievement Center, State of Nevada	2014 - Present	Not constructed yet
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER University of Nevada, Reno	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$27,735 plan review	e. TOTAL COST OF PROJECT BVNA plan review services remained within the budget specified.

g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Bureau Veritas North America, Inc. was selected to provide complete plan review services by the State of Nevada for the new University of Nevada, Reno Pennington Student Achievement Center project. The new facility consists of 70,600 square feet and will house the Writing Center, Math Center, Tutoring Center, Career Services, Advising Center, Student Veteran Affairs, Disabilities Resource Center, Counseling Services, Trio & McNair Scholars, and Student Faith Based Groups. Additionally, collaborative workspaces, computer workstations, and food services will be located in this facility.

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
d. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Plan Review for University of Nevada, Reno Donald W. Reynolds School of Journalism Building, State of Nevada	2010 - 2011	
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER University of Nevada, Reno	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$8,270 plan review	e. TOTAL COST OF PROJECT BVNA plan review services remained within the budget specified.

h. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

BVNA staff provided full plan review of the University of Nevada, Reno's Donald W. Reynolds School of Journalism Building remodel project. The 3-story brick building houses a central atrium, classrooms, computer laboratories, a broadcast studio, editing rooms, meeting rooms, and offices. The remodel included upgrading existing technology

to current technology that is used in the field of journalism. Upgrades included a full network upgrade including new fiber optic cable and conduit, network server and components, and adding an additional XSAN network that provided rapid access and storage of large video files.

6. ADDITIONAL INFORMATION

a. **PROVIDE ANY ADDITIONAL INFORMATION YOU FEEL MAY BE NECESSARY TO DESCRIBE YOUR FIRMS QUALIFICATIONS. (ATTACH ADDITIONAL SHEETS AS NEEDED.)**

Plan Review

BVNA personnel have performed and managed plan review for literally thousands of projects. Project types include high-rise hotels and office buildings, institutional occupancies such as jails, shipping facilities, room additions, single-family tract and custom homes, tilt-up shells, tenant improvements, and infrastructure (roads, wet and dry utilities, etc.). Our staff has considerable review experience of virtually any structure requiring permits, plan reviews, and inspections. With such a large and licensed plan review staff, we are able to manage numerous, and complex projects simultaneously. We are able to provide discipline-specific plan reviews (e.g., structural, mechanical, plumbing, electrical, fire, access, street, drainage, map, civil infrastructure, etc.).

We are the **largest plan review firm in the United States**, providing full service code consulting and plan review services. Our team provides plan reviews for compliance with a variety of codes, including the International Building, Plumbing, Electrical, Mechanical, Fuel Gas, Energy Conservation, Fire and the National Electric Codes, Greenbook, and others as adopted by the State. We have specific experience working through a variety of challenges including, but not limited to, infill commercial development, adaptive reuse and change of occupancies of existing buildings, retrofit of un-reinforced masonry or soft-story buildings, large commercial shopping centers and mixed-use multifamily developments, live-work projects and high tech, research and development facilities.

We are able to offer the following plan review services:

- Architectural, fire and life safety plans examination
- Structural plans examination
- Energy code plans examination
- Accessibility requirements
 - Barrier free plans examination requirements
 - Disabled access
 - ADA
- Mechanical, plumbing and electrical code plans examination
- Review and approval of alternative materials, alternative design and methods of construction
- Fire plan review including fire sprinkler and fire alarm system plan reviews
- Green building code
- Civil plans examination including:
 - Grading and drainage
 - NPDES/SWPPP
 - Development
 - Infrastructure
 - Water and wastewater
 - Sewer

Plan Review Turnaround Times

At your request, BVNA can provide plan review activities on a fast-track basis. Turnaround times for each submittal will relate to the size and nature of the project and its impact on the construction schedule. To reduce turnaround times for plan review, we can use electronic submittals, phased submittals, conference calling, and videoconferencing.

BVNA has built long-term partnerships with agencies. We understand that accuracy, efficiency, and integrity in all aspects of professional services are required. Testimony to our professional excellence is the fact that we have provided services to many of our municipal clients since their incorporation. Because of our large pool of accessible resources we are able to assemble experienced personnel in order to assist with project schedule recovery when necessary. Our team will maintain efficient turnaround times on all reviews as a key measurement of our performance for our plan review services. The following schedule is representative of the review times associated with the type of construction you can anticipate.

Typical turnaround times for building plan review are as follows:

	Initial Check * (working days)	Recheck * (working days)	Expedited * Initial Review	Expedited * Recheck
Commercial TI	7	5	5	3
Residential addition and/or accessory building	7	5	5	3
New Residential	10	7	7	5
New Commercial	10	7	7	5
Public Works Project Review	15	10	*	*
Complex, large, or unusual project	*	*	*	*

* Turnaround times for unusually complex or large projects are to be negotiated on a per project basis

* Turnaround times for expedited public works projects are to be negotiated on a per project basis

BVNA will also accommodate preliminary reviews to facilitate fast tracked or accelerated projects. This will aid with timely turnaround and create good public relations. If applicants include designs that do not conform to the prescriptive requirements of the codes, the State's designee will have final approval over the plan being reviewed. Our staff will make recommendations for the resolution if requested. We are also available to meet with agency staff or others as needed to discuss our findings.

Third Party Plan Review and Inspection

Supplementing the development community to provide exceptional customer service and expertise

Third party plan review and inspection enables BVNA to supplement the local authority having jurisdiction on a project by project basis, at the applicant's expense. Rapid development can be overwhelming to building departments and cause schedule delays for developers, contractors, and design-build teams. Although public agencies are dedicated to providing a high level of customer service while ensuring the integrity of design and construction, their staff becomes overloaded and unable to keep the development moving forward efficiently.

This program is utilized by many public agencies, developers, contractors, and project management firms to help promote economic development, keep projects on track, expedite projects, etc. BVNA teams with cities, counties, developers, contractors, project managers, design-build teams, and other members of the development community to provide a high level of customer service, experience, and technical expertise. We have provided third party plan review and inspection services for thousands of projects throughout the United States.

What are the key benefits?

Demand-driven resources encourage development

Third party programs provide efficient performance standards and turnaround times, thus promoting economic development and not delaying it.

Tailored solutions

Based on each client's specific needs and challenges, BVNA has the ability and wide range of resources to provide full or partial third party plan review and inspection support to verify conformity to the requirements of the regulatory codes adopted in the agency having jurisdiction.

Increased customer service levels

Third party programs result in quicker turnaround times, availability of experts for consulting and to answer questions, and more thorough and consistent inspections.

Why Choose Bureau Veritas?

Knowledge and Expertise

Certified by the International Code Council and licensed by applicable state agencies, BVNA plans examiners and engineers are proficient in the application of design and testing standards and have participated in the development of design standards on many different levels.

BVNA inspection staff is also certified by the International Code Council and many are multi-disciplined. Having a multi-disciplined inspector ensures consistent inspections by the same inspector for all trades. Multi-disciplined inspectors also provide the construction teams with a single point of contact throughout the duration of the project.

Reputation

BVNA has become the leader in construction code compliance services throughout the United States. The growth of BVNA's construction code compliance division is the result of repeat clients and client referrals.

Green Building and LEED Consulting

BVNA is at the forefront of the green building movement, and by implementing green building solutions, we help reduce energy consumption, maintenance and capital costs, environmental impact, and increase occupant comfort and health.

Expertise in assisting municipal clients in green building ordinance implementation

Provided approximately 1,000 LEED reviews for the USGBC

Building services

LEED submittal consultation

Green building consulting

ENERGY STAR verification

Energy efficiency audits

Chain of Custody (COC) certification

Approach and Methodology

Architectural Review

As the largest provider of code compliance services in the United States, BVNA blends the knowledge of local conditions with a large pool of Arizona licensed or certified building safety experts equipped to handle all building department needs. We are able to tailor our solutions specific to the State of Arizona as a result of having provided plan review, inspection services, specialty reviews and municipal administrative support for over 35 years.

We have specific experience working through a variety of challenges including but not limited to, infill commercial development, adaptive reuse and change of occupancies of existing buildings, retrofit of unreinforced masonry or soft-story buildings, large commercial shopping centers and mixed-use multifamily developments, live-work projects, and high-tech, research and development facilities.

Structural Review

BVNA is uniquely qualified and experienced in structural review and inspection. We have plan review and inspection personnel that have specialized experience with single family residential, multi family residential, custom homes, hotels, resorts, retail, commercial, industrial, etc. We have several experienced structural engineers on staff who are immediately available to tackle the State's most complex projects. We can provide a complete structural review of design drawings, details and calculations for both vertical loads and lateral seismic and wind forces, in accordance with the International Building Code structural provisions. Our plan check staff is extremely knowledgeable with the revised structural lateral requirements of this code.

Mechanical Review

Our staff includes licensed and certified mechanical engineers and inspectors who have the knowledge, training and experience necessary to review plans for compliance with these codes. Our staff, who are available immediately to the State of Arizona, have reviewed heating, cooling, distribution and return air systems, hoods and product conveyance system plans for a variety of projects including single family residential, multi family residential, custom homes, resorts, and hotels.

Plumbing Review

Our staff has the knowledge, training and experience necessary to review plans and inspect construction for compliance with these codes. We have licensed and certified mechanical engineers on staff to assist with plumbing reviews when needed. Our staff, who are available immediately to the State of Arizona, have reviewed fuel gas, medical gas, potable and non-potable water piping and waste piping systems, and rainwater system plans for single family residential, multi family residential, custom homes, resorts, and hotels.

Electrical Review

BVNA's services include the review of electrical plans to verify compliance with International Electrical Code. Electrical review and inspection to verify energy compliance is included in all projects in accordance with mandates from the applicable energy standards for non-residential construction. We have licensed and certified electrical engineers and inspectors with extensive plan review and inspection experience that can be made available to the State of Arizona. Our staff, who are available immediately to the State, have reviewed service installation, transformers, emergency power, panel distribution, single line diagrams, power and lighting system plans for single family residential, multi family residential, custom homes, resorts, and hotels.

Disabled Access Review

BVNA has extensive experience and capability that will enable our staff to provide complete plan review and inspection utilizing individuals who possess knowledge and experience in providing reviews and inspections of accessibility components.

Fire Plan Review

It is our intention to consistently exceed expectations for plan review turnaround times while assuring continuous quality and reasonable implementation of the state codes and any local amendments. Our staff will consult closely with the Fire Chief/Fire Marshal or their designated representative on any areas of the code requiring a unique interpretation or where alternate methods are being proposed and considered.

BVNA reviews plans of fire suppression systems for compliance with applicable codes, standards, and amendments adopted by the State of Arizona. Our vast experience includes written comments and verbal communication with applicants to better understand requirements and provide direction for compliance, as well as close communication with fire departments to clarify policies, code interpretations, plan review status, and procedures.

All personnel assigned to your project will have available the necessary materials, resources and training to conduct plan reviews, including copies of applicable local amendments, policies, procedures and forms.

Green Building Review

We have plan review engineers, plans examiners, and inspectors who are well versed and experienced with energy code compliance. Our staff are certified to review and inspect for energy codes. Our staff has reviewed plans, and inspected projects, for projects that incorporate new technology, and complex energy code compliance.

Building Inspection

BVNA can provide inspection services for a single project that presents unique complexities due to its construction or size, or we can provide enough staff to handle all inspection services for an entire jurisdiction. Our building inspection services can be adjusted to provide a high level of coordination specifically suited to the design-build

concept. Our inspectors are ICC certified and have extensive experience in the construction trades as well. Fast track projects may be built into small phases based on incremental design and fabrication steps. In such cases, our inspection team keeps daily logs to track corrections and plan review changes.

BVNA's inspection teams also provide on-call building inspection services to cover staff vacation time, peak work loads, specialized inspection activities, and any other situations that may arise. These activities may include next-day inspections and same-day response to important or urgent requests.

BVNA will provide the State of Arizona with ICC certified personnel for building safety inspection services during the construction phase of various improvement projects, such as construction of building structures.

Building inspectors supplied by BVNA shall provide the following services:

1. Read and study project specifications, plans, and drawings to become familiar with project prior to inspection, ensuring that structural or architectural changes have been stamped as approved by appropriate authority and recognizing the need for and requiring plan checks for electrical, plumbing, and mechanical code requirements.
2. Perform and document inspections on construction projects to determine that all aspects of the project, such as foundations, building, electrical, plumbing, and mechanical systems conform to the applicable building codes, zoning ordinances, energy conservation, and disabled access requirements including known local, city, state, and federal requirements.
3. Review plans for building construction, plumbing, electrical, and mechanical details prior to making inspection.
4. Bring to the attention of the State of Arizona for approval of certain changes in building, plumbing, mechanical, electrical, and related work consistent with code and ordinance requirements.
5. Participate in reviews with fire, health, and other government agency inspectors, as well as owners.
6. Maintain a record of non-complying items and follow up to resolution of such items.
7. Upon request, we will inspect existing buildings for substandard, unsafe conditions.

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

The percentages shown are an estimate of only our code compliance division of BVNA. For percentages that include all of the Bureau Veritas' services, we can provide a rough estimate upon request.

a. Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	90%
b. Percentage of Total Work Attributable to Non-Government Work:	10%

8. AUTHORIZED REPRESENTATIVE. The foregoing is a statement of facts.

Signature: 

Date: 12/30/2014

Name: Michael Vieira, CBO

Title: Director of Operations