City of San Diego | County of San Diego | Port of San Diego

SAN DIEGO

CALENDAR YEARS 2017 – 2018 & 2017 ONLY

(DISCIPLINES 14-26) (DISCIPLINES 1-13)

STATEMENT OF QUALIFICATION QUESTIONNAIRE

INSTRUCTIONS

Complete **ONE (1)** questionnaire for **EACH DISCIPLINE**. The Scopes of Services for each discipline can be found in Appendices I and II to the RFQ. **If an SOQ is incomplete the SOQ may be rejected as non-responsive.**

CONSULTANT ROTATION LIST DISCIPLINE Only **ONE (1) DISCIPLINE**, which shall include choice(s) of Sub-disciplines, per Statement of Qualification.	
14-26: None	**Choose Large/Small**
1-13: 2. Architecture	**Small**
The firm *must* choose either Large or Small. A firm may not apply for both lists.	

If the discipline includes sub-disciplines check all sub-disciplines that apply: **A.** ☒ **B.** ☒ **C.** ☒ **D.** ☐ **E.** ☐

Firm's Legal Name: JLKT A&E Consultants, Inc. Sub-disciplines14-26: Click here to see Sub-disciplines

Firm's Legal Address: 1010 Second Avenue, Suite 1400 Sub-disciplines1-13: Click here to see Sub-disciplines

San Diego	California	92101	619-533-3638
(City)	(State)	(Zip)	(Telephone No)

Firm is (check one): **California Corporation** ☒ **Partnership** ☐ **Sole Proprietorship** ☐ **Joint Venture** ☐
Other ☐ _____

Is the firm a "**Small Business Concern (SBC)**", which is defined as "a business with 100 or fewer employees and average annual gross sales of $14 million or less over the last three years, and is independently owned and operated, or is certified as a Small Business Enterprise by the State of California? Yes ☒ No ☐

	OBE	SLBE	ELBE	DBE	MBE	WBE	DVBE
Firm certified by Unified Certification Program or City? No ☐ If yes, check boxes which apply:	☒	☐	☒	☐	☐	☐	

Address from which City, County or Port contract services shall be provided: 1010 Second Avenue, Suite 1400

San Diego	California	
(City)	(State)	(Zip)

Project Manager responsible for the Consultant Firm's service, delivery, execution and performance of these projects:

Project Manager: John Mendivil Telephone No.: 619-533-3638 Ext.: _____

Email Address: jmendivil@sandiego.gov CA Registration No. (If applicable): CA 555555

Expiration Date (If applicable): 05/05/2020

Please include both a Project Manager and an Alternate Contact Person:

Alternate Contact Person: Leonardo Da Vinci Telephone No.: 619-555-5511 Ext.: _____

Email Address: leo@dve.biz

JLK&T ARCHITECTURE & ENGINEERING CONSULTANTS, INC.

Architecture A, B & C

B. Prime or Subconsultant:

Prime Consultant

C. Client:

City of Black Hills
Avenue of the Cheifs
Crazy Horse, SD 57730
605-673-4681

D. Name of Project:

Crazy Horse Sculpture Project

E. Project Duration:

1948-In progress

F. Services Performed:

JLKT is responsible for the design and construction of the Crazy Horse Memorial, the world's largest sculpture. The sculpture depicts the spirit of Crazy Horse in a nine-story-high face of Crazy Horse that was completed in 1998. Work now is underway to block out the 22-story-high horse's head on the sculpture in-the-round. Work has progressed steadily on the mountain where blocking out the 219-foot-high horse's head has passed the halfway mark. Since last October, almost 20,000 tons of granite were blasted off the level between the horse's right ear and eye. That involved more than seven miles of machine drilling and more than 11 miles of explosive detonating cord plus other high explosives requiring almost five miles of lead line.

G. Special Problems

The specialized nature of this project has brought with it many challenges that have been overcome with stamina and ingenuity.

H. Project Cost Control

a. Total Fees:

$202,500,000

b. Complete within Budget:

The project is on-track to be completed within the clients proposed budget.

c. Construction Design Services:

JLKT will provide construction support as requested by the City. Construction is to be completed by January 2078, if not sooner.

I. Project Schedule:

The project is on schedule and will be completed within the client's proposed schedule. JLKT is responsible for the preparation of monthly project documentation to maintain the project schedule.

J. Client Satisfaction:

The client is currently very satisfied with our work.

K. Awards & Recognition:

Yes, "Rock Engineer of the Year", ASCE, 1948, 1955, 1958, 1966, 1972, 1973. 1977, 1986, 2002, 2011

JLKT ARCHITECTURE & ENGINEERING CONSULTANTS, INC.

Architecture A, B & C

B. Prime or Subconsultant: Prime Consultant

C. Client: City of Paris
Champ de Mars
75007 Paris
33 (0) 1 44 11 23 23

D. Name of Project: **Eiffel Tower Project**

E. Project Duration: 1884-1889

F. Services Performed: JLKT was responsible for the design and construction management of the Eiffel Tower in Paris, France. The tower was built for the Universal Exhibition in celebration of the French Revolution. The tower is composed of 18,038 pieces and 2,500,000 rivets. The weight of the metal structure is 7,300 tons and the total weight is 10,100 tons. The height including the flag pole is 324m. The number of steps in the tower is 1665. This amazing structure is recognizable throughout the world. From opening day in 1889 the tower has had over 216 million visitors.

G. Special Problems

No special problems or difficulties were encountered.

H. Project Cost Control

a. Total Fees: $1,000,000

b. Complete within Budget: The project was completed within the clients proposed budget.

c. Construction Design Services: JLKT provided construction support as requested by the City.

I. Project Schedule: The project was completed ahead of schedule.

J. Client Satisfaction: Client was somewhat satisfied.

K. Awards & Recognition: Yes , “Best Design in Iron or Steel”, Paris Chamber of Commerce 1890,
“Best Inspiration for New Putt-Putt Hole Design”, Miniature Golf Association of America, 1902.

JLKT ARCHITECTURE & ENGINEERING CONSULTANTS, INC.

Architecture A, B & C

B. Prime or Subconsultant: Prime Consultant

C. Client: Pharaoh Khufu
1258 Giza Drive
Giza, Egypt, 68952
22 (0) 1 66 88 89 78

D. Name of Project: **The Great Pyramid of Khufu**

E. Project Duration: 2589-2566 BC

F. Services Performed: JLKT was responsible for the design and construction of the Great Pyramid of Khufu in Giza, Egypt. The Great Pyramid of Khufu is the largest of the pyramids of ancient Egypt, and was regarded by the ancient Greeks as one of the Seven Wonders of the World. The Great Pyramid of Khufu contains 2.3 million stone blocks. The four sides of the pyramid are accurately oriented to the cardinal points of the compass. The base has sides 230 meters long, with a difference between them of only a few centimeters. The pyramid was originally 146 meters high until it was robbed of its outer casing and capstone.

G. Special Problems No special problems or difficulties were encountered.

H. Project Cost Control

- **a. Total Fees:** $250,000
- **b. Complete within Budget:** The project was completed under the clients proposed budget.
- **c. Construction Design Services:** JLKT provided construction support as requested by Pharaoh Khufu .

I. Project Schedule: The project was completed ahead of schedule.

J. Client Satisfaction: Pharaoh Khufu was very satisfied.

K. Awards & Recognition: Yes, the Pharaoh awarded JLKT the "Best Use of Natural Materials Award", 2565 B.C., "Friend of the Pharaoh Award.", 2569 B.C.

JLKT A&E Consultants, Inc.

JKT A&E Consultants - Other Resources

JKT A&E Consultants, Inc. utilizes only state of the art technology and office equipment to enhance our productivity. We also believe firmly in the adage, "If it ain't broke don't fix it." This explains our choices in technology. Our resources are perfectly fit to the needs of the City, County and Port of San Diego.

The following list of resources represents the typical hardware and software found in our office.

WORD PROCESSING

JKT exclusively uses the IBM Selectric typewriter. This state of the art machine allows us the miracle of the revolutionary interchangeable type. We have invested heavily in this wonder and we can now offer up to seven different fonts, all in 10 font size. We expect to invest in some 8, 12, and 14 font sizes, so that by the end of the year we will be the leaders of the consultant industry.

SPREADSHEETS

Our spreadsheet man, "Ed the Spread" Spencer is a master in the use and operation of manual spreadsheets. He can keep track of a spreadsheet of up to twenty columns wide by one hundred rows long. He has one of the area's largest worktables so that your sheet may not even need to be folded. Let Mr. Spencer be your man in spreadsheets.

COMPUTERS AND EMAIL

We believe that mechanical computers are just a passing phase, kind of like the television, the cellular phone, or professional football. "Our computers are our people."

DATABASES

None

COMMUNICATIONS

We use rotary telephones for all communication. We continue to maintain a central switchboard. That way you only need to learn one phone number to talk to your consultant at JKT. Our friendly and efficient operators will plug you into the correct extension with greater than 90% efficiency. Should you care to leave a message, our operators know shorthand and will be certain to sort your message into the correct cubby hole. The person you want to reach will be sure to get their message as soon as the next business day.

We are contemplating the purchase of one of those newfangled fax machines. Currently, if you call our special "fax" number, you will be connected to a stenographer. You may read the message to the stenographer and he/she will record the message and send it to our typing pool. Normal transmission of the message is approximately one page per twenty minutes with an error rate of +/- 10 percent. Add typing and sorting, and you can expect us to receive your "faxed" message in 72 hours or less!!

All written notices, memos, letters and packages are sent out, patriotically, by U.S. Mail. For example, we find that our mail from downtown reaches North County in six business days or less. If your offices are also located downtown we sometimes employ the local pedicabs to deliver letters and packages.

PROJECT SCHEDULING

We employ legal sized pads, standard calendars and sticky notes to aid in the scheduling of all projects. If things get really complicated we will also utilize different-colored sticky notes.

COPIERS

We avoid use of copiers by standard and well accepted principals of very, neat writing, carbon paper, stencils and mimeograph machines. We do own a copier that will put out three copies per minute, in a pinch.

City of San Diego

Small Local Business Enterprise (SLBE) Program Certification

JLKT A&E Consultants

Small Local Business Enterprise (SLBE)

Professional Services

(NAICS: 55555)

Certification Number: 15BS0505

Effective: 10/17/2015 - 10/17/2017

Henry Foster III
Equal Opportunity Contracting
Program Manager

CALIFORNIA UNIFIED CERTIFICATION PROGRAM
DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATE

JKT A&E Consultants, Inc.
1010 SECOND AVENUE, SUITE 1400
SAN DIEGO, CA 92101

Owners: JOHN MENDIVIL, KARRY WETHERBY, TONI THOMPSON, LIZETH ESCAMILLA
Business Structure : CORPORATION

This certificate acknowledges that said firm is approved by the California Unified Certification Program (CUCP) as a Disadvantaged Business Enterprise (DBE) as defined by the U.S. Department of Transportation (DOT) CFR 49 Part 26, as may be amended, for the following NAICS codes:

	55555J	Engineering Services
	55555K	All Other Specialty Trade Contractors
*	55555T	All Other Support Services

UNIFIED CERTIFICATION PROGRAM

* Indicates primary NAICS code

CERTIFYING AGENCY:
CALTRANS
1200 THIRD AVENUE, SUITE 2700
SACRAMENTO, CA 94250-0001
(916) 733-4492

UCP Firm Number : 555
Renewal Date : December 1, 2025

December 30, 2016

CUCP OFFICER

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*
City, County and Port of San Diego Consultant Rotation List: Architecture (General)

2. PUBLIC NOTICE DATE
N/A

3. SOLICITATION OR PROJECT NUMBER
N/A

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE
John Mendivil, Consultant Services Coordinator & CEO

5. NAME OF FIRM
JLKT A&E Consultants, Inc.

6. TELEPHONE NUMBER
(619) 533-3638

7. FAX NUMBER
(619) 533-3633

8. E-MAIL ADDRESS
jmendivil@sandiego.gov

C. PROPOSED TEAM

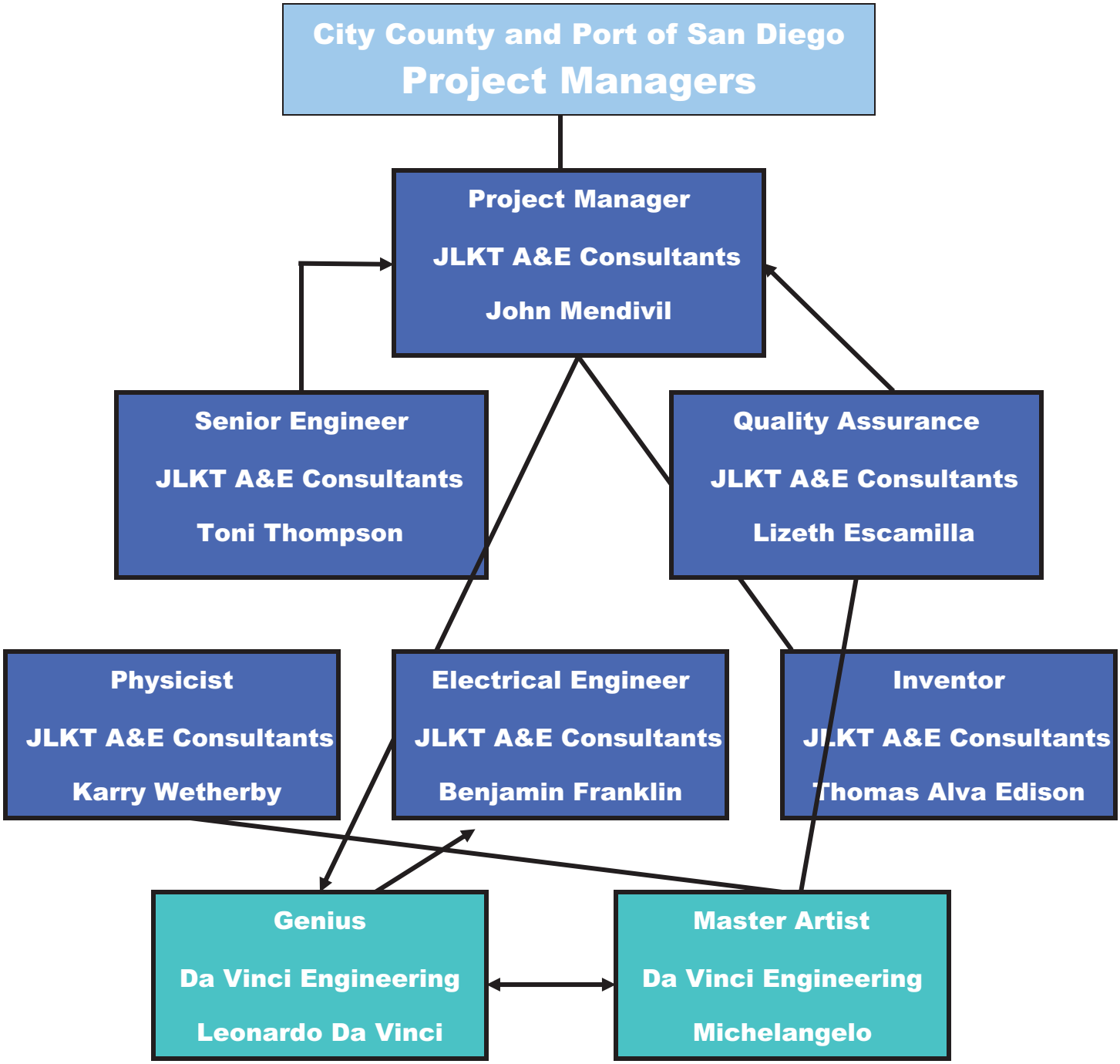
(Complete this section for the prime contractor and all key subcontractors).

	(Check) PRIME	J-V PARTNER	SUBCON-TRACTOR	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	×			JLKT A&E Consultants, Inc. ☐ CHECK IF BRANCH OFFICE	1010 Second Avenue, Suite 1400 San Diego, CA 92101	Architecture and Civil Engineering, etc.
b.			×	Da Vinci Engineering, Inc. ☑ CHECK IF BRANCH OFFICE	123 Florence Court San Diego, CA 92123	Structural, Mechanical, Electrical Engineering, etc.
c.				☐ CHECK IF BRANCH OFFICE		
d.				☐ CHECK IF BRANCH OFFICE		
e.				☐ CHECK IF BRANCH OFFICE		
f.				☐ CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☐ *(Attached)*

Organizational Chart
2013 City/County/Port Consultant Rotation List



"Great Minds Accomplish Great Tasks"

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
John Mendivil	Principal-in-Charge	5985	5985

15. FIRM NAME AND LOCATION *(City and State)*

JLKT A&E Consultants, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.S., Ancient Louvre School of Architecture, 3980 BCE; Master of Civil Engineering, Academy, Athens Greece, 450 BCE

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Architecture License CA 000005
Civil Engineer, CA 000009

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Most Distinguished Hair Award, Le Coiffeur Society, 2004; First Inductee, Actor's Guild Hall of Fame, 1928

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Leaning Tower, Pisa Italy (Construction & Renovation)	1173, 1999	1350, 2007

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Designed and constructed a pole (a.k.a. leaning post) to be propped against the Leaning Tower to prevent a catastrophic fall. Cost: $100,000,000

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Petco Park, San Diego CA	2004	2004

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Instrumental in the design of the new "Padre Dog"; he tasted and rejected over 700 prototypes before finally settling on the current classic, (premium wiener, warm Kaiser roll, easy mustard, easy mayo, jalapeños and bacon.)

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Great Pyramid of Giza, Egypt	2566 BCE	2566 BCE

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Invented the slide rule to calculate 2.3 million stone blocks necessary for the design and construction of the Great Pyramid. Earlier attempts to calculate number of blocks with tally marks in the sand (see Great Sandstorm of 2578 B.C.) and Popsicle sticks; both failed.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Hoover Dam	1935	1935

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Designed the huge, monolithic project without knowing its intended use. Thought large structure was to be a combination casino, hotel and luxury condominiums. Would take decades before nearby Las Vegas would finally embrace his vision and design similar structures (see Luxor, Excalibur, MGM, etc.)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Lizeth Escamilla	**Quality Control Liaison "Rookie"**	3	2

15. FIRM NAME AND LOCATION *(City and State)*

JLKT A&E Consultants, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

M.A. Architecture, University of Oakland, 2006
B.A. Environmental Design, Brighton U., NY, 2004
A.A. Liberal Studies, Southwestern, 2000

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Won Grammy Award, "Hips Don't Lie", 2007. Lizeth grew up with dreams of being a gymnastic and competing in the Winter Olympics.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION *(If applicable)*
a.	Wynn Luxury Hotel, Las Vegas, NV	2003	2005
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☺ Check if project performed with current firm	
	Has visited AAAA Diamond Star Casino & Resort. The 2,716 rooms range in size from 640 sq ft (59 m^2) to the villas at 7,000 sq ft (650 m^2) with a 111,000 sq ft (10,300 m^2) casino (GAMBLING AREA), a convention center with 223,000 sq ft (20,700 m^2) of space, and 76,000 sq ft (7,100 m^2) of retail space (for SHOPOHOLICS). Together with the adjacent Encore which opened in late 2008, the entire Wynn resort complex has a total of 4,750 rooms.		
b.	Legoland, Carlsbad, CA	1999	
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	
	Escorted her niece Paulina to Legoland California, an amusement park in Carlsbad, California focused on Lego blocks. Opened on March 20, 1999. Interned after first year of college as a volunteer block engineer during construction of Legoland. It is the third Legoland park to open, and is the only one outside of Europe.		
c.			
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	
d.			
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	
e.			
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Karry Wetherby	Lead Civil Engineer	15	3

15. FIRM NAME AND LOCATION *(City and State)*

JLKT A&E Consultants, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.S., DeBry School of Boating, 1995;
MBA, University of Indeknoe, 1999

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Awarded the Friend of Crazy Horse Memorial Trophy for her horse's hair design.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: Colosseum, Rome Italy

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 77 — CONSTRUCTION *(If applicable)*: 82

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The plan is a vast ellipse, measuring externally 188 m x 156 m (615 ft x 510 ft), with the base of the building covering about 6 acres. Vaults span between eighty radial walls to support tiers of seating and for passageways and stairs. The facade of three tiers of arches and an attic story is about 48.5 m (158 ft) tall — roughly equivalent to a 12-15 story building.

b.

(1) TITLE AND LOCATION *(City and State)*: Crazy Horse, South Dakota

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: In Progress — CONSTRUCTION *(If applicable)*: In Progress

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Work now is underway to block out the 22-story-high horse's head on the sculpture. Work has progressed steadily on the mountain where blocking out the 219-foot-high horse's head has passed the halfway mark. Since October, almost 20,000 tons of granite blasted off the level between the horse's right ear and eye. That involved more than seven miles of machine drilling and more than 11 miles of explosive detonating cord plus other explosives requiring almost 5miles of lead line.

c.

(1) TITLE AND LOCATION *(City and State)*: Hoover Dam, Boulder City NV

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 1929 — CONSTRUCTION *(If applicable)*: 1937

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Before the cofferdam could be constructed, 250,000 cubic yards of river silt had to be removed to provide a firm foundation. When completed, the upper dam stood 98 feet high, and reached about 30 feet above the top of the diversion tunnels. The dam is 450 feet long, 750 feet thick at the base and contained 516,000 cubic yards of earth and 157,000 cubic yards of rock.

d.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

e.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Toni Thompson	Quality Control Consultant Caller-Upper	10	2

15. FIRM NAME AND LOCATION *(City and State)*

JLKT A&E Consultants, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.A., Drama, Julliard, 1992, Age 13;
M.A., English, Oxford, 1994, Age 15;
Ph.D., Physics and Fluid Mechanics;
M.I.T., 1995, Age 16

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

In a classic example of burnout, Toni hasn't done much since she received her two Ph.D.s. She enjoys hanging with her husband and two children. Received keys to the Cities of Hershey, Pennsylvania and Nestle, Switzerland for her humanitarian work in support of the program "No Home Without a Chocolate Bar".

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
a.	Eiffel Tower, Paris France	1884	1889

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The tower is composed of 18,038 pieces and 2,500,000 rivets. The weight of the metal structure is 7,300 tons and the total weight is 10,100 tons.

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
b.	Golden Gate Bridge, San Francisco CA	1928	1937

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

More than one million tons of concrete were used to build the anchorages -- the massive blocks that grip the bridge's supporting cables. The north pier supports the tower, and was built on a bedrock ledge 20 feet below the water. The southern San Francisco side a pier was built in the open ocean, 100 feet below the surface. We built a huge water-tight cofferdam -- big enough to enclose a football field -- and pumped in hundreds of tons of concrete. By 1935, the towers were complete, and cable-spinning began. Two years later, the bridge was finished.

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
c.	Stonehenge, Amesbury, Wiltshire, Southern England	2949 BCE	1600 BCE

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The megalithic ruin known as **Stonehenge** stands on the open downland of Salisbury Plain two miles west of the town of Amesbury, Wiltshire, in Southern England. It is not a single structure but consists of a series of earth, timber, and stone structures that were revised and re-modeled over a period of more than 1400 years. Construction occurred in three phases, which are labeled Stonehenge I, II, III. Stonehenge was originally designed to be a multi-level parking structure.

	(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
d.			

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

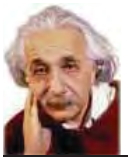
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Albert Einstein	Physicist	117	76

15. FIRM NAME AND LOCATION *(City and State)*

JLKT A&E Consultants, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*



Degree, Federal Institute of Technology, Zurich, Germany, 1900;
Doctorate, University of Zurich, Zurich, Germany, 1905.

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Explained the Photoelectric Effect, 1905; Introduced the Brownian Effect, 1905; Asserted the Equivalence of Gravitation and Inertia, 1911; Introduced the General Theory of Relativity, $E=MC^2$, 1916; Nobel Prize in Physics, 1921.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: Petco Park, San Diego, CA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2004 — CONSTRUCTION *(If applicable)*: 2004

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

With experience gained from the Colosseum, the first of the large stadia, we submitted our proposal on the new baseball park. Our design was rejected for lack of enough luxury sky boxes and for too many seats. In fact, the Colosseum was also a target, some criticizing its status as an official "ruin" and that it has staged no new events since about 350 A.D. We were relegated to some subconsultant work.

b.

(1) TITLE AND LOCATION *(City and State)*: The Great Pyramid of Giza, Egypt

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2567 — CONSTRUCTION *(If applicable)*: 2566

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The Great Pyramid of Khufu contains 2.3 million stone blocks. The four sides of the pyramid are accurately oriented to the cardinal points of the compass. The base has sides 230 meters long, with a difference between them of only a few centimeters. The pyramid was originally 146 meters high until it was robbed of its outer casing and capstone.

c.

(1) TITLE AND LOCATION *(City and State)*: Eiffel Tower, Paris France

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 1884 — CONSTRUCTION *(If applicable)*: 1889

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The tower is composed of 18,038 pieces and 2,500,000 rivets. The weight of the metal structure is 7,300 tons and the total weight is 10,100 tons.

d.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

e.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE a. TOTAL	b. WITH CURRENT FIRM
Benjamin Franklin	Electrical Engineer	299	216

15. FIRM NAME AND LOCATION *(City and State)*

JLKT A&E Consultants, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

Self educated. Trained one year for the clergy. Apprentice printer.

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

He and his brother started Boston's first newspaper. Published Poor Richard's Almanack, 1733. Organized Philadelphia's first Fire Company, 1736, Invented Franklin Stove, 1743. Invented swim fins and bifocals. Verified the nature of electricity. Founded insurance against loss by fire, 1752.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: Petco Park, San Diego, CA

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2004 — CONSTRUCTION *(If applicable)*: 2004

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

With experience gained from the Colosseum, the first of the large stadia, we submitted our proposal on the new baseball park. Our design was rejected for lack of enough luxury sky boxes and for too many seats. In fact, the Colosseum was also a target, some criticizing its status as an official "ruin" and that it has staged no new events since about 350 A.D. We were relegated to some sub-consultant work.

b.

(1) TITLE AND LOCATION *(City and State)*: Crazy Horse, South Dakota

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: In Progress — CONSTRUCTION *(If applicable)*: In Progress

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Work now is underway to block out the 22-story-high horse's head on the sculpture. Work has progressed steadily on the mountain where blocking out the 219-foot-high horse's head has passed the halfway mark. Since October, almost 20,000 tons of granite blasted off the level between the horse's right ear and eye. That involved more than seven miles of machine drilling and more than 11 miles of explosive detonating cord plus other explosives requiring almost 5miles of lead line.

c.

(1) TITLE AND LOCATION *(City and State)*: Eiffel Tower, Paris, France

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 1884 — CONSTRUCTION *(If applicable)*: 1889

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The tower is composed of 18,038 pieces and 2,500,000 rivets. The weight of the metal structure is 7,300 tons and the total weight is 10,100 tons.

d.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

e.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Thomas Alva Edison	Inventor	143	74

15. FIRM NAME AND LOCATION *(City and State)*

JLKT A&E Consultants, Inc.

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

3 months of classroom learning.
Home schooled.

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Produced and sold newspapers. Was a "brass pounder" (telegraph operator), during the Civil War. Opened a complete testing and development laboratory at Menlo Park, NJ, 1874. Invented the light bulb. Developed the first Vita Scope (film projector) 1890.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: Hoover Dam, Boulder City Nevada

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 1935 — CONSTRUCTION *(If applicable)*: 1935

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Before the cofferdam could be constructed, 250,000 cubic yards of river silt had to be removed to provide a firm foundation. When completed, the upper dam stood 98 feet high, and reached about 30 feet above the top of the diversion tunnels. The dam is 450 feet long, 750 feet thick at the base and contained 516,000 cubic yards of earth and 157,000 cubic yards of rock.

b.

(1) TITLE AND LOCATION *(City and State)*: Golden Gate Bridge, San Francisco California

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 1928 — CONSTRUCTION *(If applicable)*: 1937

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

More than one million tons of concrete were used to build the anchorages -- the massive blocks that grip the bridge's supporting cables. The north pier supports the tower, and was built on a bedrock ledge 20 feet below the water. The southern San Francisco side a pier was built in the open ocean, 100 feet below the surface. We built a huge water-tight cofferdam -- big enough to enclose a football field -- and pumped in hundreds of tons of concrete. By 1935, the towers were complete, and cable-spinning began. Two years later, the bridge was finished.

c.

(1) TITLE AND LOCATION *(City and State)*: Leaning Tower, Pisa Italy (Construction & Renovation)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 1884 — CONSTRUCTION *(If applicable)*: 1889

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Both because of its inclination, and its beauty, from 1173 up to the present the Tower has been the object of very special attention. During its construction, efforts were made to halt the incipient inclination through the use of special construction devices; later columns and other damaged parts were substituted in more than one occasion; today, interventions are being carried out by inserting our very own specially designed Leaning Post.

d.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: — CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Leonardo da Vinci	Resident Genius	537	486

15. FIRM NAME AND LOCATION *(City and State)*

Da Vinci Engineering, Inc. (Subconsultant)

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

No formal education.

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Completed his first known drawing, *La valle dell' Arno,*1473, painted *The Annunciation,* 1477, designed a flying machine, 1492, painted *Madonna and Child,* painted *Mona Lisa,* circa 1504.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
The Great Pyramid of Giza Egypt	2567 BCE	2566 BCE

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The Great Pyramid of Khufu contains 2.3 million stone blocks. The four sides of the pyramid are accurately oriented to the cardinal points of the compass. The base has sides 230 meters long, with a difference between them of only a few centimeters. The pyramid was originally 146 meters high until it was robbed of its outer casing and capstone.

b.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Leaning Tower, Pisa Italy (Construction & Renovation)	1173, 1999	1350, Begins 2007

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Both because of its inclination, and its beauty, from 1173 up to the present the Tower has been the object of very special attention. During its construction, efforts were made to halt the incipient inclination through the use of special construction devices; later columns and other damaged parts were substituted in more than one occasion; today, interventions are being carried out by inserting our very own specially designed Leaning Post.

c.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Colosseum, Rome Italy	77	82

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The plan is a vast ellipse, measuring externally 188 m x 156 m (615 ft x 510 ft), with the base of the building covering about 6 acres. Vaults span between eighty radial walls to support tiers of seating and for passageways and stairs. The facade of three tiers of arches and an attic story is about 48.5 m (158 ft) tall — roughly equivalent to a 12-15 story building.

d.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Stonehenge, Amesbury, Wiltshire Southern England	2950	1600

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The megalithic ruin known as **Stonehenge** stands on the open downland of Salisbury Plain two miles west of the town of Amesbury, Wiltshire, in Southern England. It is not a single structure but consists of a series of earth, timber, and stone structures that were revised and re-modeled over a period of more than 1400 years. Construction occurred in three phases, which are labeled Stonehenge I, II, III. Stonehenge was originally designed to be a multi-level parking structure.

e.

(1) TITLE AND LOCATION *(City and State)*	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Michelangelo	Master Artist	514	441

15. FIRM NAME AND LOCATION *(City and State)*

Da Vinci Engineering, Inc. (Sub-Consultant)

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

No formal education

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

No Professional Registrations

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

Known as a painter and a sculpter. Sculpted *David*, 1504, Painted *The Holy Family*, 1503-1505. Painted *Sistine Chapel,* 1508-1512.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION *(City and State)*: The Great Pyramid of Giza, Egypt

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2567 BCE; CONSTRUCTION *(If applicable)*: 2566 BCE

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The Great Pyramid of Khufu contains 2.3 million stone blocks. The four sides of the pyramid are accurately oriented to the cardinal points of the compass. The base has sides 230 meters long, with a difference between them of only a few centimeters. The pyramid was originally 146 meters high until it was robbed of its outer casing and capstone.

b.

(1) TITLE AND LOCATION *(City and State)*: Leaning Tower, Pisa Italy (Construction & Renovation)

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 1173, 1999; CONSTRUCTION *(If applicable)*: 1350, 2007

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

Both because of its inclination, and its beauty, from 1173 up to the present the Tower has been the object of very special attention. During its construction, efforts were made to halt the incipient inclination through the use of special construction devices; later columns and other damaged parts were substituted in more than one occasion; today, interventions are being carried out by inserting our very own specially designed Leaning Post.

c.

(1) TITLE AND LOCATION *(City and State)*: Colosseum, Rome, Italy

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 77; CONSTRUCTION *(If applicable)*: 82

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The plan is a vast ellipse, measuring externally 188 m x 156 m (615 ft x 510 ft), with the base of the building covering about 6 acres. Vaults span between eighty radial walls to support tiers of seating and for passageways and stairs. The facade of three tiers of arches and an attic story is about 48.5 m (158 ft) tall — roughly equivalent to a 12-15 story building.

d.

(1) TITLE AND LOCATION *(City and State)*: Stonehenge, Amesbury, Wiltshire, Southern England

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2950 BCE; CONSTRUCTION *(If applicable)*: 1600 BCE

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☑ Check if project performed with current firm

The megalithic ruin known as **Stonehenge** stands on the open downland of Salisbury Plain two miles west of the town of Amesbury, Wiltshire, in Southern England. It is not a single structure but consists of a series of earth, timber, and stone structures that were revised and re-modeled over a period of more than 1400 years. Construction occurred in three phases, which are labeled Stonehenge I, II, III. Stonehenge was originally designed to be a multi-level parking structure.

e.

(1) TITLE AND LOCATION *(City and State)*:

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: ; CONSTRUCTION *(If applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE — ☐ Check if project performed with current firm

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **1**
21. TITLE AND LOCATION *(City and State)* **Petco Park, San Diego CA**	22. YEAR COMPLETED PROFESSIONAL SERVICES 2004	CONSTRUCTION *(if applicable)* 2004

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of San Diego and Padres	Maroun El-Hage	619-555-1111

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A, B & C

Our firm didn't exactly build Petco Park but we did work for the City at the time it was being built. That's got to count for something!

Petco Park
San Diego, CA

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Spectator
b.	Da Vinci Engineering, Inc.	San Diego, CA	Sub-spectator
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER: **2**

21. TITLE AND LOCATION *(City and State)*: **The Great Pyramid of Giza, Egypt**

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(if applicable)*
2567 BC	2566 BC

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Pharaoh Khufu	Pharaoh Khufu	22 (0) 1 66 88 89 78

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A

JLKT was responsible for the design and construction of the Great Pyramid of Khufu in Giza, Egypt. The Great Pyramid of Khufu is the largest of the pyramids of ancient Egypt, and was regarded by the ancient Greeks as one of the Seven Wonders of the World. The Great Pyramid of Khufu contains 2.3 million stone blocks. The four sides of the pyramid are accurately oriented to the cardinal points of the compass. The base has sides 230 meters long, with a difference between them of only a few centimeters. The pyramid was originally 146 meters high until it was robbed of its outer casing and capstone.

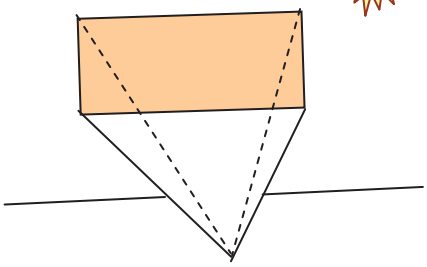
Other than the incessant blowing sand, no special problems or difficulties were encountered.

The project was completed ahead of schedule.

The Pharaoh awarded JLKT the "Best Use of Natural Materials Award", "Friend of the Pharaoh Award"

Total cost: $250,000

Great Pyramid of Giza, Egypt



Preliminary Design
Our preferred original design was thought too difficult to construct with then current technology.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Stone Counters
b.	Da Vinci Engineering, Inc.	San Diego, CA	Structural Engineers
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **3**
21. TITLE AND LOCATION *(City and State)* **Crazy Horse, South Dakota**	22. YEAR COMPLETED PROFESSIONAL SERVICES In progress	CONSTRUCTION *(if applicable)* In progress

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Black Hills	Ms. Crazy Horse	605-673-4681

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A, B & C

Crazy Horse Memorial
Black Hills, South Dakota JJ

JLKT is responsible for the design and construction of the Crazy Horse Memorial, the world's largest sculpture. The sculpture depicts the spirit of Crazy Horse in a nine-story-high face of Crazy Horse that was completed in 1998. Work now is underway to block out the 22-story-high horse's head on the sculpture in-the-round. Work has progressed steadily on the mountain where blocking out the 219-foot-high horse's head has passed the halfway mark. Since last October, almost 20,000 tons of granite was blasted off the level between the horse's right ear and eye. That involved more than seven miles of machine drilling and more than 11 miles of explosive detonating cord plus other high explosives requiring almost five miles of lead line.

The specialized nature of this project has brought with it many challenges that have been overcome with stamina and ingenuity.

Yes, "Rock Engineer of the Year" ASCE Awards, 1948, 1955, 1958, 1966, 1972, 1973, 1977, 1986, 2002, 2011

Total cost: $202,500,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Civil Engineer, Rock Engineer
b.			
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **4**
21. TITLE AND LOCATION *(City and State)* **Eiffel Tower, Paris France**	22. YEAR COMPLETED PROFESSIONAL SERVICES 1884	CONSTRUCTION *(if applicable)* 1889

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Paris	Jacques Chirac	33 (0) 1 44 11 23 23

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A

JLKT was responsible for the design and construction of the Eiffel Tower in Paris, France. The tower was built for the Universal Exhibition in celebration of the French Revolution. The tower is composed of 18,038 pieces and 2,500,000 rivets. The weight of the metal structure is 7,300 tons and the total weight is 10,100 tons. The height including the flag pole is 324m. The number of steps in the tower is 1665. This amazing structure is recognizable throughout the world. From opening day in 1889 the tower has had over 216 million visitors.

Eiffel Tower
Paris, France

No special problems or difficulties were encountered.
The project was completed within the clients proposed budget.

"Best Design in Iron or Steel", Paris Chamber of Commerce, 1890. "Best Inspiration for Putt-Putt Course Design", Miniature Golf Association of America, 1902.

Total cost: $1,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Architect & Civil Engineer
b.	Da Vinci Engineering, Inc.	San Diego, CA	Ironwork Engineer
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **5**
21. TITLE AND LOCATION *(City and State)* **Hoover Dam, Boulder City NV**	22. YEAR COMPLETED PROFESSIONAL SERVICES 1935	CONSTRUCTION *(if applicable)* 1935

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
US Department of the Interior	Harold L. Ickes, Secretary of the Interior	(702) 294-3517

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A, B & C

Hoover Dam is a testimony to a country's ability to construct monolithic projects in the midst of adverse conditions. Built during the Depression; thousands of men and their families came to Black Canyon to tame the Colorado River. It took less than five years, in a harsh and barren land, to build the largest dam of its time. Now, years later, Hoover Dam still stands as a world-renowned structure. The Dam is a National Historic Landmark and has been rated by the American Society of Civil Engineers as one of America's Seven Modern Civil Engineering Wonders.

Hoover Dam
Boulder City, Nevada

To isolate the construction site, and protect it from flooding, two cofferdams were constructed. Before the cofferdam could be constructed, 250,000 cubic yards of river silt had to be removed to provide a firm foundation. When completed, the upper cofferdam stood 98 feet high, and reached about 30 feet above the top of the diversion tunnels. The dam was 450 feet long, 750 feet thick at the base and contained 516,000 cubic yards of earth and 157,000 cubic yards of rock.

Concrete consists of four ingredients-sand and crushed rock aggregate, water and Portland cement. These must be mixed in the proper proportions to yield strong concrete. Aggregate is perhaps the most important of the materials in the concrete because it makes up as much as three quarters of the Dam's mass. The aggregate must be clean and free of clays, salts and organic matter.

Hoover Dam was the first man-made structure to exceed the masonry mass of the Great Pyramid of Giza. The dam contains enough concrete to pave a strip 16 feet wide and 8 inches thick from San Francisco to New York City.

Total cost: $48,890,955

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Civil Engineering
b.			
c.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **6**
21. TITLE AND LOCATION *(City and State)* **Golden Gate Bridge, San Francisco CA**	22. YEAR COMPLETED PROFESSIONAL SERVICES 1928	CONSTRUCTION *(if applicable)* 1937

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of San Francisco	Angelo Rossi	415-831-2700

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A, B
Length: 8,981 feet
Type: Suspension
Purpose: Roadway
Materials: Steel, concrete
Longest Single Span: 4,200 feet

Golden Gate Bridge
San Francisco, CA

JLKT used more than one million tons of concrete to build the anchorages -- the massive blocks that grip the bridge's supporting cables. The north pier, which supports the tower, was built easily on a bedrock ledge 20 feet below the water. But on the southern San Francisco side, JLKT had to build its pier in the open ocean, 100 feet below the surface. He built a huge water-tight cofferdam -- big enough to enclose a football field -- and pumped in hundreds of tons of concrete. By 1935, the towers were complete, and cable-spinning began. Two years later, the bridge was finished.

The bridge was completed only five months after the promised date.

The length of the steel wires used in the cables of the bridge is enough to circle the earth three times!

If the U.S. Navy had its way, the bridge might have been painted in black and yellow stripes to assure greater visibility for passing ships.

During construction, a safety net below the bridge saved the lives of 19 men who became known as the "Half-Way-to-Hell Club."

More than one million cars have crossed the bridge since it opened in 1937.
Total cost: $27,000,000 – $1.3 million under budget!

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

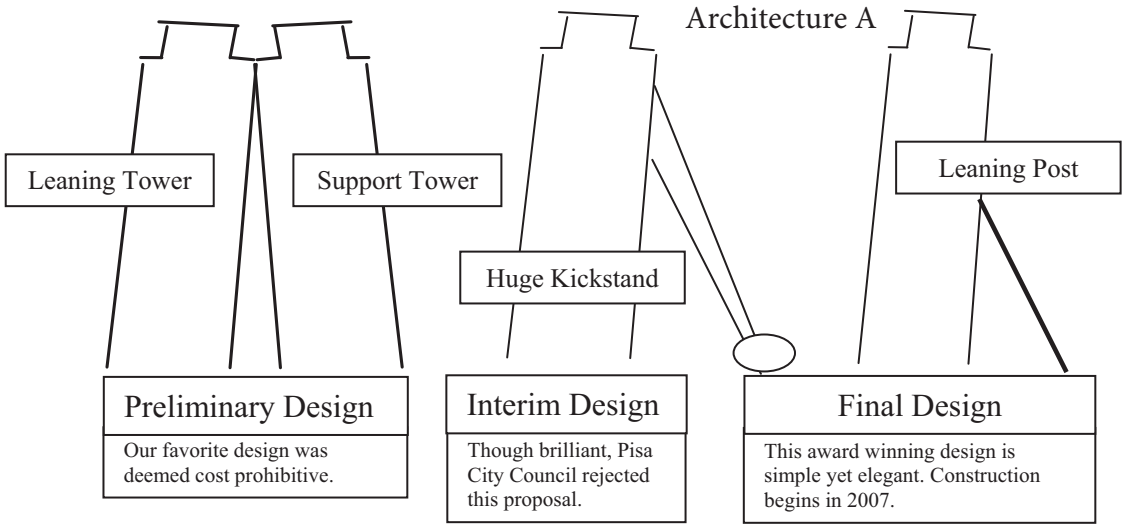
	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Civil Design Engineering
b.			
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **7**
21. TITLE AND LOCATION *(City and State)* **Leaning Tower, Pisa Italy (Construction & Renovation)**	22. YEAR COMPLETED PROFESSIONAL SERVICES 1173, 2005	CONSTRUCTION *(if applicable)* 1350, Begins 2007

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Pisa	Giovanni Polvani	00 39 50 555 786

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*



Leaning Tower Pisa, Italy

Both because of its inclination, and its beauty, from 1173 up to the present the Tower has been the object of very special attention. During its construction efforts were made to halt the incipient inclination through the use of special construction devices; later columns and other damaged parts were substituted in more than one occasion; today, interventions are being carried out by inserting our very own specially designed Leaning Post.

Total cost: over the 200 year time span $450,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Pole Engineering
b.	Da Vinci Engineering, Inc.	San Diego, CA	Structural Design (Failed)
c.			
d.			
e.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **8**
21. TITLE AND LOCATION *(City and State)* **Colosseum, Rome Italy**	22. YEAR COMPLETED PROFESSIONAL SERVICES 77	CONSTRUCTION *(if applicable)* 82

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
The City of Rome	Nero, Julius Caesar	0 55 55 555- 5555

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A & C

Colosseum
Rome, Italy

The construction utilized a careful combination of types: concrete for the foundations, travertine for the piers and arcades, tufa infill between piers for the walls of the lower two levels, and brick-faced concrete used for the upper levels and for most of the vaults.

The plan is a vast ellipse, measuring externally 188 m x 156 m (615 ft x 510 ft), with the base of the building covering about 6 acres. Vaults span between eighty radial walls to support tiers of seating and for passageways and stairs. The facade of three tiers of arches and an attic story is about 48.5 m (158 ft) tall — roughly equivalent to a 12-15 story building.

Total cost: $450,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Civil Engineering
b.	Da Vinci Engineering, Inc.	San Diego, CA	Structural Engineering, EIR
c.			
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT *(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*		20. EXAMPLE PROJECT KEY NUMBER **9**
21. TITLE AND LOCATION *(City and State)* Stonehenge, Amesbury, Wiltshire Southern England	22. YEAR COMPLETED PROFESSIONAL SERVICES 3000 BCE	CONSTRUCTION *(if applicable)* 1600 BCE

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City of Amesbury	Queen Elizabeth	+44 1753 869 898

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size and cost)*

Architecture A

Stonehenge
Wiltshire, Great Britain

The megalithic ruin known as **Stonehenge,** originally named **Stone Hedge,** stands on the open downland of Salisbury Plain two miles (three kilometers) west of the town of Amesbury, Wiltshire, in Southern England. It is not a single structure but consists of a series of earth, timber, and stone structures that were revised and re-modeled over a period of more than 1400 years. Construction occurred in three phases, which are labeled Stonehenge I, II, IIIa, IIIb, and IIIc.

Stonehenge Phase I (2950-2900 BCE)

The earliest portion of the complex dates to approximately 2950-2900 BCE (Middle Neolithic). It is comprised a circular bank, ditch, and counterscarp bank of about 330 feet (100 meters) in diameter. Just inside the earth bank is a circle of the 56 Aubrey holes that held wooden posts.

Phase II (c. 2900-2400 BCE)

After 2900 BCE and for approximately the next 500 years (until 2400 BCE), post holes indicate timber settings in the center of the monument and at the north-eastern entrance. The Aubrey Holes no longer held posts but were partially filled, some with cremation deposits added to the fill. The numerous post holes indicate timber structures but no clear patterns or configurations are discernible that would suggest their shape, form, or function.

Stonehenge Phase III, sub-phase 3ii (c. 2550-1600 BCE)

During Phase III the monument underwent a complicated sequence of settings of large stones. The first stone setting comprised a series of Bluestones placed in what are known as the Q and R Holes (sub-phase 3i). These were subsequently dismantled and a circle of Sarsens and a horseshoe-shaped arrangement of Trilithons erected (sub-phase 3ii).

Total cost: All phases included $3,254,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.	JLKT A&E Consultants, Inc.	San Diego, CA	Original Design
b.	Da Vinci Engineering, Inc.	San Diego, CA	Structural Design (Failed)
c.			

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below first, before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
John Mendivil	Principal-in-Charge	X	X	X	X	X	X	X	X	X	
Karry Wetherby	Senior Civil Engineer			X		X			X		
Toni Thompson	Quality Control, Consultant Caller-Upper	X	X	X	X	X	X	X	X		
Albert Einstein	Physicist	X	X		X						
Benjamin Franklin	Electrical Engineer	X		X	X		X				
Thomas Edison	Inventor					X	X	X			
Leonardo da Vinci	Genius	X	X		X			X	X	X	
Michelangelo	Master Artist	X	X		X			X	X	X	

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Petco Park, San Diego CA	6	Golden Gate Bridge, San Francisco CA
2	The Great Pyramid, Giza Egypt	7	Leaning Tower, Pisa Italy (Const.& Renovation)
3	Crazy Horse, South Dakota	8	Colosseum, Rome Italy
4	Eiffel Tower, Paris France	9	Stonehenge, Wiltshire, Southern England
5	Hoover Dam, Boulder City NV	10	

H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

None, we are out of tales, except for this disclaimer:

Consultant Services accepts no liability for the content of this mock statement of qualifications, nor for the consequences of any actions taken on the basis of the information provided, unless that information is subsequently confirmed in writing. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly not a good idea.

I. AUTHORIZED REPRESENTATIVE

The foregoing is definitely not a statement of facts.

31. SIGNATURE	32. DATE
John Mendivil	July 3, 2012

33. NAME AND TITLE

John Mendivil, Consultant Services Coordinator and CEO

ARCHITECT–ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*: N/A

PART II – GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME: **JLKT A&E Consultants**

3. YEAR ESTABLISHED: 1995

4. DUNS NUMBER: N/A

2b. STREET: 1010 Second Avenue, Suite 1400

5. OWNERSHIP

a. TYPE: Corporation

2c. CITY: San Diego

2d. STATE: CA

2e. ZIP CODE: 92101

b. SMALL BUSINESS STATUS: N/A

6a. POINT OF CONTACT NAME AND TITLE: John Mendivil, Consultant Services Coordinator, CEO

6b. TELEPHONE NUMBER: (619) 533-3638

6c. EMAIL ADDRESS: jmendivil@sandiego.gov

7. NAME OF FIRM (*If block 2a is a branch office*)

8a. FORMER FIRM NAME(S) *(If any)*	8b. YR. ESTABLISHED	8c. DUNS NUMBER
John A&E Company	5097 BCE	N/A
JK A&E Consultant, LLC	1929	N/A

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRANCH
12	Civil Engineering	2	2
63	Quality Control	1	1
64	Consultant Caller-Upper	1	1
65	Physicist	1	1
21	Electrical Engineer	1	1
66	Inventor	1	1
	Other Employees		
	Total	7	7

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number
A07	Arctic facilities	3
C01	Cartography	1
C06	Churches, chapels	5
C18	Cost estimating	2
D01	Dams	4
D04	Design build	2
G01	Garages	1
H08	Historical preservation	1
M07	Missile facilities (silos; transport)	2
S04	Sewage collection, treatment & disposal	1

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue Index number shown at right)

a. Federal Work	1
b. Non-Federal Work	6
c. Total Work	6

PROFESSIONAL SERVICES REVENUE INDEX BY NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is not a statement of facts.

a. SIGNATURE: *John Mendivil*

b. DATE: **7/3/2012**

c. NAME AND TITLE: John Mendivil, Consultant Services Coordinator, CEO

John Mendivil, Consultant Services Coordinator, CEO

SIGNATURE PAGE

INDIVIDUAL FIRM

THE FOREGOING, AND INFORMATION IN ALL ATTACHMENTS, INCLUDING THE SF 330, IS TRUE AND CORRECT:

Signature of authorized person representing Prime Consultant:

Signature: John Mendivil Date: 07/07/2016

Printed or Typed Name and Title: John Mendivil

JOINT VENTURE

THE FOREGOING, AND INFORMATION IN ALL ATTACHMENTS INCLUDING THE SF 330, IS TRUE AND CORRECT:

Signatures are required of all participants in any joint venture:

Name of firm: _____

Signature: _____ Date: _____

Printed or Typed Name and Title: _____

Name of firm: _____

Signature: _____ Date: _____

Printed or Typed Name and Title: _____