

ARCHITECT-ENGINEER QUALIFICATIONS

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PURPOSE

Federal agencies use this form to obtain information from architect-engineer (A-E) firms about their professional qualifications. Federal agencies select firms for A-E contracts on the basis of professional qualifications as required by 40 U.S.C. chapter 11, Selection of Architects Engineers, and Part 36 of the Federal Acquisition Regulation (FAR).

The Selection of Architects and Engineers statute requires the public announcement of requirements for A-E services (with some exceptions provided by other statutes), and the selection of at least three of the most highly qualified firms based on demonstrated competence and professional qualifications according to specific criteria published in the announcement. The Act then requires the negotiation of a contract at a fair and reasonable price starting first with the most highly qualified firm.

The information used to evaluate firms is from this form and other sources, including performance evaluations, any additional data requested by the agency, and interviews with the most highly qualified firms and their references.

GENERAL INSTRUCTIONS

Part I presents the qualifications for a specific contract.

Part II presents the general qualifications of a firm or a specific branch office of a firm. Part II has two uses:

1. An A-E firm may submit Part II to the appropriate central, regional or local office of each Federal agency to be kept on file. A public announcement is not required for certain contracts, and agencies may use Part II as a basis for selecting at least three of the most highly qualified firms for discussions prior to requesting submission of Part I. Firms are encouraged to update Part II on file with agency offices, as appropriate, according to FAR Part 36. If a firm has branch offices, submit a separate Part II for each branch office seeking work.

2. Prepare a separate Part II for each firm that will be part of the team proposed for a specific contract and submitted with Part I. If a firm has branch offices, submit a separate Part II for each branch office that has a key role on the team.

INDIVIDUAL AGENCY INSTRUCTIONS

Individual agencies may supplement these instructions. For example, they may limit the number of projects or number of

pages submitted in Part I in response to a public announcement for a particular project. Carefully comply with any agency instructions when preparing and submitting this form. Be as concise as possible and provide only the information requested by the agency.

DEFINITIONS

Architect-Engineer Services: Defined in FAR 2.101.

Branch Office: A geographically distinct place of business or subsidiary office of a firm that has a key role on the team.

Discipline: Primary technical capabilities of key personnel, as evidenced by academic degree, professional registration, certification, and/or extensive experience.

Firm: Defined in FAR 36.102.

Key Personnel: Individuals who will have major contract responsibilities and/or provide unusual or unique expertise.

SPECIFIC INSTRUCTIONS

Part I - Contract-Specific Qualifications

Section A. Contract Information.

1. Title and Location. Enter the title and location of the contract for which this form is being submitted, exactly as shown in the public announcement or agency request.

2. Public Notice Date. Enter the posted date of the agency's notice on the Federal Business Opportunity website (FedBizOpps), other form of public announcement or agency request for this contract.

3. Solicitation or Project Number. Enter the agency's solicitation number and/or project number, if applicable, exactly as shown in the public announcement or agency request for this contract.

Section B. Architect-Engineer Point of Contact.

4-8. Name, Title, Name of Firm, Telephone Number, Fax (Facsimile) Number and E-mail (Electronic Mail) Address. Provide information for a representative of the prime contractor or joint venture that the agency can contact for additional information.

Section C. Proposed Team.

9-11. Firm Name, Address, and Role in This Contract. Provide the contractual relationship, name, full mailing address, and a brief description of the role of each firm that will be involved in performance of this contract. List the prime contractor or joint venture partners first. If a firm has branch offices, indicate each individual branch office that will have a key role on the team. The named subcontractors and outside associates or consultants must be used, and any change must be approved by the contracting officer. (See FAR Part 52 Clause "Subcontractors and Outside Associates and Consultants (Architect-Engineer Services)".) Attach an additional sheet in the same format as Section C if needed.

Section D. Organizational Chart of Proposed Team.

As an attachment after Section C, present an organizational chart of the proposed team showing the names and roles of all key personnel listed in Section E and the firm they are associated with as listed in Section C.

Section E. Resumes of Key Personnel Proposed for This Contract.

Complete this section for each key person who will participate in this contract. Group by firm, with personnel of the prime contractor or joint venture partner firms first. The following blocks must be completed for each resume:

12. Name. Self-explanatory.

13. Role in This Contract. Self-explanatory.

14. Years Experience. Total years of relevant experience (block 14a), and years of relevant experience with current firm, but not necessarily the same branch office (block 14b).

15. Firm Name and Location. Name, city and state of the firm where the person currently works, which must correspond with one of the firms (or branch office of a firm, if appropriate) listed in Section C.

16. Education. Provide information on the highest relevant academic degree(s) received. Indicate the area(s) of specialization for each degree.

17. Current Professional Registration. Provide information on current relevant professional registration(s) in a State or possession of the United States, Puerto Rico, or the District of Columbia according to FAR Part 36.

18. Other Professional Qualifications. Provide information on any other professional qualifications relating to this contract, such as education, professional registration, publications, organizational memberships, certifications, training, awards, and foreign language capabilities.

19. Relevant Projects. Provide information on up to five projects in which the person had a significant role that demonstrates the person's capability relevant to her/his proposed role in this contract. These projects do not necessarily have to be any of the projects presented in Section F for the project team if the person was not involved in any of those projects or the person worked on other projects that were more relevant than the team projects in Section F. Use the check box provided to indicate if the project was performed with any office of the current firm. If any of the professional services or construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description and Specific Role (block (3)).

Section F. Example Projects Which Best Illustrate Proposed Team's Qualifications for This Contract.

Select projects where multiple team members worked together, if possible, that demonstrate the team's capability to perform work similar to that required for this contract. Complete one Section F for each project. Present ten projects, unless otherwise specified by the agency. Complete the following blocks for each project:

20. Example Project Key Number. Start with "1" for the first project and number consecutively.

21. Title and Location. Title and location of project or contract. For an indefinite delivery contract, the location is the geographic scope of the contract.

22. Year Completed. Enter the year completed of the professional services (such as planning, engineering study, design, or surveying), and/or the year completed of construction, if applicable. If any of the professional services or the construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description of Project and Relevance to This Contract (block 24).

23a. Project Owner. Project owner or user, such as a government agency or installation, an institution, a corporation or private individual.

23b. Point of Contact Name. Provide name of a person associated with the project owner or the organization which contracted for the professional services, who is very familiar with the project and the firm's (or firms') performance.

23c. Point of Contact Telephone Number Self-explanatory.

24. Brief Description of Project and Relevance to This Contract. Indicate scope, size, cost, principal elements and special features of the project. Discuss the relevance of the example project to this contract. Enter any other information requested by the agency for each example project.

25. Firms from Section C Involved with This Project. Indicate which firms (or branch offices, if appropriate) on the project team were involved in the example project, and their roles. List in the same order as Section C.

Section G. Key Personnel Participation in Example Projects.

This matrix is intended to graphically depict which key personnel identified in Section E worked on the example projects listed in Section F. Complete the following blocks (see example below).

26. and 27. Names of Key Personnel and Role in This Contract. List the names of the key personnel and their proposed roles in this contract in the same order as they appear in Section E.

28. Example Projects Listed in Section F. In the column under each project key number (see block 29) and for each key person, place an "X" under the project key number for participation in the same or similar role.

29. Example Projects Key. List the key numbers and titles of the example projects in the same order as they appear in Section F.

Section H. Additional Information.

30. Use this section to provide additional information specifically requested by the agency or to address selection criteria that are not covered by the information provided in Sections A-G.

Section I. Authorized Representative.

31. and 32. Signature of Authorized Representative and Date. An authorized representative of a joint venture or the prime contractor must sign and date the completed form. Signing attests that the information provided is current and factual, and that all firms on the proposed team agree to work on the project. Joint ventures selected for negotiations must make available a statement of participation by a principal of each member of the joint venture.

33. Name and Title. Self-explanatory.

SAMPLE ENTRIES FOR SECTION G (MATRIX)

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
Jane A. Smith	Chief Architect	X		X							
Joseph B. Williams	Chief Mech. Engineer	X	X	X	X						
Tara C. Donovan	Chief Elec. Engineer	X	X		X						

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Federal Courthouse, Denver, CO	6	XYZ Corporation Headquarters, Boston, MA
2	Justin J. Wilson Federal Building, Baton Rouge, LA	7	Founder's Museum, Newport RI

Part II - General Qualifications

See the " **General Instructions** " on page 1 for firms with branch offices. Prepare Part II for the specific branch office seeking work if the firm has branch offices.

1. Solicitation Number. If Part II is submitted for a specific contract, insert the agency's solicitation number and/or project number, if applicable, exactly as shown in the public announcement or agency request.

2a-2e. Firm (or Branch Office) Name and Address. Self-explanatory.

3. Year Established. Enter the year the firm (or branch office, if appropriate) was established under the current name.

4. DUNS Number. Insert the Data Universal Numbering System number issued by Dun and Bradstreet Information Services. Firms must have a DUNS number. See FAR Part 4.6.

5. Ownership.

a. Type. Enter the type of ownership or legal structure of the firm (sole proprietor, partnership, corporation, joint venture, etc.).

b. Small Business Status. Refer to the North American Industry Classification System (NAICS) code in the public announcement, and indicate if the firm is a small business according to the current size standard for that NAICS code (for example, Engineering Services (part of NAICS 541330), Architectural Services (NAICS 541310), Surveying and Mapping Services (NAICS 541370)). The small business categories and the internet website for the NAICS codes appear in FAR Part 19. Contact the requesting agency for any questions. Contact your local U.S. Small Business Administration office for any questions regarding Business Status.

6a-6c. Point of Contact. Provide this information for a representative of the firm that the agency can contact for additional information. The representative must be empowered to speak on contractual and policy matters.

7. Name of Firm. Enter the name of the firm if Part II is prepared for a branch office.

8a-8c. Former Firm Names. Indicate any other previous names for the firm (or branch office) during the last six years. Insert the year that this corporate name change was

effective and the associated DUNS Number. This information is used to review past performance on Federal contracts.

9. Employees by Discipline. Use the relevant disciplines and associated function codes shown at the end of these instructions and list in the same numerical order. After the listed disciplines, write in any additional disciplines and leave the function code blank. List no more than 20 disciplines. Group remaining employees under "Other Employees" in column b. Each person can be counted only once according to his/her primary function. If Part II is prepared for a firm (including all branch offices), enter the number of employees by disciplines in column c(1). If Part II is prepared for a branch office, enter the number of employees by discipline in column c(2) and for the firm in column c(1).

10. Profile of Firm's Experience and Annual Average Revenue for Last 5 Years. Complete this block for the firm or branch office for which this Part II is prepared. Enter the experience categories which most accurately reflect the firm's technical capabilities and project experience. Use the relevant experience categories and associated profile codes shown at the end of these instructions, and list in the same numerical order. After the listed experience categories, write in any unlisted relevant project experience categories and leave the profile codes blank. For each type of experience, enter the appropriate revenue index number to reflect the professional services revenues received annually (averaged over the last 5 years) by the firm or branch office for performing that type of work. A particular project may be identified with one experience category or it may be broken into components, as best reflects the capabilities and types of work performed by the firm. However, do not double count the revenues received on a particular project.

11. Annual Average Professional Services Revenues of Firm for Last 3 Years. Complete this block for the firm or branch office for which this Part II is prepared. Enter the appropriate revenue index numbers to reflect the professional services revenues received annually (averaged over the last 3 years) by the firm or branch office. Indicate Federal work (performed directly for the Federal Government, either as the prime contractor or subcontractor), non-Federal work (all other domestic and foreign work, including Federally-assisted projects), and the total. If the firm has been in existence for less than 3 years, see the definition for "Annual Receipts" under FAR 19.101.

12. Authorized Representative. An authorized representative of the firm or branch office must sign and date the completed form. Signing attests that the information provided is current and factual. Provide the name and title of the authorized representative who signed the form.

List of Disciplines (Function Codes)

Code	Description	Code	Description
01	Acoustical Engineer	32	Hydraulic Engineer
02	Administrative	33	Hydrographic Surveyor
03	Aerial Photographer	34	Hydrologist
04	Aeronautical Engineer	35	Industrial Engineer
05	Archeologist	36	Industrial Hygienist
06	Architect	37	Interior Designer
07	Biologist	38	Land Surveyor
08	CADD Technician	39	Landscape Architect
09	Cartographer	40	Materials Engineer
10	Chemical Engineer	41	Materials Handling Engineer
11	Chemist	42	Mechanical Engineer
12	Civil Engineer	43	Mining Engineer
13	Communications Engineer	44	Oceanographer
14	Computer Programmer	45	Photo Interpreter
15	Construction Inspector	46	Photogrammetrist
16	Construction Manager	47	Planner: Urban/Regional
17	Corrosion Engineer	48	Project Manager
18	Cost Engineer/Estimator	49	Remote Sensing Specialist
19	Ecologist	50	Risk Assessor
20	Economist	51	Safety/Occupational Health Engineer
21	Electrical Engineer	52	Sanitary Engineer
22	Electronics Engineer	53	Scheduler
23	Environmental Engineer	54	Security Specialist
24	Environmental Scientist	55	Soils Engineer
25	Fire Protection Engineer	56	Specifications Writer
26	Forensic Engineer	57	Structural Engineer
27	Foundation/Geotechnical Engineer	58	Technician/Analyst
28	Geodetic Surveyor	59	Toxicologist
29	Geographic Information System Specialist	60	Transportation Engineer
30	Geologist	61	Value Engineer
31	Health Facility Planner	62	Water Resources Engineer

List of Experience Categories (Profile Codes)

Code	Description	Code	Description
A01	Acoustics, Noise Abatement	E01	Ecological & Archeological Investigations
A02	Aerial Photography; Airborne Data and Imagery Collection and Analysis	E02	Educational Facilities; Classrooms
A03	Agricultural Development; Grain Storage; Farm Mechanization	E03	Electrical Studies and Design
A04	Air Pollution Control	E04	Electronics
A05	Airports; Nav aids; Airport Lighting; Aircraft Fueling	E05	Elevators; Escalators; People-Movers
A06	Airports; Terminals and Hangars; Freight Handling	E06	Embassies and Chanceries
A07	Arctic Facilities	E07	Energy Conservation; New Energy Sources
A08	Animal Facilities	E08	Engineering Economics
A09	Anti-Terrorism/Force Protection	E09	Environmental Impact Studies, Assessments or Statements
A10	Asbestos Abatement	E10	Environmental and Natural Resource Mapping
A11	Auditoriums & Theaters	E11	Environmental Planning
A12	Automation; Controls; Instrumentation	E12	Environmental Remediation
B01	Barracks; Dormitories	E13	Environmental Testing and Analysis
B02	Bridges	F01	Fallout Shelters; Blast-Resistant Design
C01	Cartography	F02	Field Houses; Gyms; Stadiums
C02	Cemeteries (<i>Planning & Relocation</i>)	F03	Fire Protection
C03	Charting: Nautical and Aeronautical	F04	Fisheries; Fish ladders
C04	Chemical Processing & Storage	F05	Forensic Engineering
C05	Child Care/Development Facilities	F06	Forestry & Forest products
C06	Churches; Chapels	G01	Garages; Vehicle Maintenance Facilities; Parking Decks
C07	Coastal Engineering	G02	Gas Systems (Propane; Natural, Etc.)
C08	Codes; Standards; Ordinances	G03	Geodetic Surveying: Ground and Air-borne
C09	Cold Storage; Refrigeration and Fast Freeze	G04	Geographic Information System Services: Development, Analysis, and Data Collection
C10	Commercial Building (<i>low rise</i>) ; Shopping Centers	G05	Geospatial Data Conversion: Scanning, Digitizing, Compilation, Attributing, Scribing, Drafting
C11	Community Facilities	G06	Graphic Design
C12	Communications Systems; TV; Microwave	H01	Harbors; Jetties; Piers, Ship Terminal Facilities
C13	Computer Facilities; Computer Service	H02	Hazardous Materials Handling and Storage
C14	Conservation and Resource Management	H03	Hazardous, Toxic, Radioactive Waste Remediation
C15	Construction Management	H04	Heating; Ventilating; Air Conditioning
C16	Construction Surveying	H05	Health Systems Planning
C17	Corrosion Control; Cathodic Protection; Electrolysis	H06	Highrise; Air-Rights-Type Buildings
C18	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	H07	Highways; Streets; Airfield Paving; Parking Lots
C19	Cryogenic Facilities	H08	Historical Preservation
D01	Dams (<i>Concrete; Arch</i>)	H09	Hospital & Medical Facilities
D02	Dams (<i>Earth; Rock</i>); Dikes; Levees	H10	Hotels; Motels
D03	Desalinization (<i>Process & Facilities</i>)	H11	Housing (<i>Residential, Multi-Family; Apartments; Condominiums</i>)
D04	Design-Build - Preparation of Requests for Proposals	H12	Hydraulics & Pneumatics
D05	Digital Elevation and Terrain Model Development	H13	Hydrographic Surveying
D06	Digital Orthophotography		
D07	Dining Halls; Clubs; Restaurants		
D08	Dredging Studies and Design		

List of Experience Categories (Profile Codes)

Code	Description	Code	Description
I01	Industrial Buildings; Manufacturing Plants	P09	Product, Machine Equipment Design
I02	Industrial Processes; Quality Control	P10	Pneumatic Structures, Air-Support Buildings
I03	Industrial Waste Treatment	P11	Postal Facilities
I04	Intelligent Transportation Systems	P12	Power Generation, Transmission, Distribution
I05	Interior Design; Space Planning	P13	Public Safety Facilities
I06	Irrigation; Drainage	R01	Radar; Sonar; Radio & Radar Telescopes
J01	Judicial and Courtroom Facilities	R02	Radio Frequency Systems & Shieldings
L01	Laboratories; Medical Research Facilities	R03	Railroad; Rapid Transit
L02	Land Surveying	R04	Recreation Facilities (Parks, Marinas, Etc.)
L03	Landscape Architecture	R05	Refrigeration Plants/Systems
L04	Libraries; Museums; Galleries	R06	Rehabilitation (Buildings; Structures; Facilities)
L05	Lighting (Interior; Display; Theater, Etc.)	R07	Remote Sensing
L06	Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)	R08	Research Facilities
M01	Mapping Location/Addressing Systems	R09	Resources Recovery; Recycling
M02	Materials Handling Systems; Conveyors; Sorters	R10	Risk Analysis
M03	Metallurgy	R11	Rivers; Canals; Waterways; Flood Control
M04	Microclimatology; Tropical Engineering	R12	Roofing
M05	Military Design Standards	S01	Safety Engineering; Accident Studies; OSHA Studies
M06	Mining & Mineralogy	S02	Security Systems; Intruder & Smoke Detection
M07	Missile Facilities (Silos; Fuels; Transport)	S03	Seismic Designs & Studies
M08	Modular Systems Design; Pre-Fabricated Structures or Components	S04	Sewage Collection, Treatment and Disposal
N01	Naval Architecture; Off-Shore Platforms	S05	Soils & Geologic Studies; Foundations
N02	Navigation Structures; Locks	S06	Solar Energy Utilization
N03	Nuclear Facilities; Nuclear Shielding	S07	Solid Wastes; Incineration; Landfill
O01	Office Buildings; Industrial Parks	S08	Special Environments; Clean Rooms, Etc.
O02	Oceanographic Engineering	S09	Structural Design; Special Structures
O03	Ordnance; Munitions; Special Weapons	S10	Surveying; Platting; Mapping; Flood Plain Studies
P01	Petroleum Exploration; Refining	S11	Sustainable Design
P02	Petroleum and Fuel (Storage and Distribution)	S12	Swimming Pools
P03	Photogrammetry	S13	Storm Water Handling & Facilities
P04	Pipelines (Cross-Country - Liquid & Gas)	T01	Telephone Systems (<i>Rural; Mobile; Intercom, Etc.</i>)
P05	Planning (Community, Regional, Areawide and State)	T02	Testing & Inspection Services
P06	Planning (Site, Installation, and Project)	T03	Traffic & Transportation Engineering
P07	Plumbing & Piping Design	T04	Topographic Surveying and Mapping
P08	Prisons & Correctional Facilities	T05	Towers (<i>Self-Supporting & Guyed Systems</i>)
		T06	Tunnels & Subways

List of Experience Categories (Profile Codes)

Code	Description
U01	Unexploded Ordnance Remediation
U02	Urban Renewals; Community Development
U03	Utilities (Gas and Steam)
V01	Value Analysis; Life-Cycle Costing
W01	Warehouses & Depots
W02	Water Resources; Hydrology; Ground Water
W03	Water Supply; Treatment and Distribution
W04	Wind Tunnels; Research/Testing Facilities Design
Z01	Zoning; Land Use Studies

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

Light Industrial Projects, Sacramento District US Army Corps of Engineers

2. PUBLIC NOTICE DATE

10 OCT XX

3. SOLICITATION OR PROJECT NUMBER

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Adrian Scully, FAIA, President

5. NAME OF FIRM

KING TECHNICAL GROUP

6. TELEPHONE NUMBER

801- 555-9933

7. FAX NUMBER

801-555-9999

8. E-MAIL ADDRESS

ascully@kinggroup.com

C. PROPOSED TEAM

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

(Check)				9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V	PARTNER SUBCON- TRACTOR			
a.	✓			KING TECHNICAL GROUP <input type="checkbox"/> CHECK IF BRANCH OFFICE	2121 EAST STATE STREET SUITE 2121 SALT LAKE CITY, UTAH 84111	Principal Architect
b.			✓	Henderson Engineers & Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	111 East 52nd Street Salt Lake City, UT 84104	Structural Engineering
c.			✓	Northside Consultants <input type="checkbox"/> CHECK IF BRANCH OFFICE	222 North Main Way, Suite 888 Salt Lake City, UT 84124	Mechanical Engineering
d.			✓	KEY Consulting Engineers <input type="checkbox"/> CHECK IF BRANCH OFFICE	333 North Point Road Salt Lake City, UT 84101	Electrical Engineering
e.			✓	Barton Consulting Engineers <input type="checkbox"/> CHECK IF BRANCH OFFICE	444 East 57th Street, Suite 444 Salt Lake City, UT 84111	Civil Engineering, Sanitary Engineering
f.			✓	Regis & Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	555 North Richmond, Suite 555 Concord, CA 94520	Fire Protection

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Adrian Scully, FAIA, President	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 16

15. FIRM NAME AND LOCATION *(City and State)*
KING TECHNICAL GROUP, Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architecture/1987/Architecture	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1990/NCARB/Architecture Utah/Nevada/Colorado/Wyoming/California/Texas
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Mr. Scully has been Principal-in-Charge/Project Architect on most of King's major projects, actively involved in most projects listed in Item F & all COE projects described. In every situation, extensive research into existing conditions was conducted, alternatives presented to the owner for consideration and solutions. 2012 COE Honor Award & the Blue Seal Award,

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Consolidated Maintenance Facility, Tooele Army Depot, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
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 Desing and Construction Phased Services: This project is included to indicate maintenance shop experience and ASRS interface. An Automated Storage and Retrieval System (ASRS) is attached to this building.		
(1) TITLE AND LOCATION <i>(City and State)</i> Aviation Support Facility West Jordan, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm New Army Aviation Support Facility, including alteration and expansion of existing facilities to provide necessary facilities for training in support of flight activities and aircraft maintenance in performance of support level maintenance. The building is a specially designed 97,942 sf aviation facility of permanent masonry and steel construction with single ply roof with overhead crane, concrete floor, masonry block partitions, mechanical and electrical equipment.		
(1) TITLE AND LOCATION <i>(City and State)</i> Fire Protection Upgrade and ADAL Fire/Crash Station Hill AFB, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Correct Fire Protection Deficiencies of the Hill Air Force Base Depot Hangar and Logistical Operations Facility. The work entails the preparation of a life safety study, in accordance with the latest NFPA 101 & UBC codes for the determination of what is deficient from the fire protection point of view. Fire/Crash station included the design of an addition of two (2) drive through vehicle stalls; dorm rooms & latrine & the alteration of the women's dorm & administration dispatch areas.		
(1) TITLE AND LOCATION <i>(City and State)</i> Armory and Organizational Maintenance Shop West Jordan, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Armory will provide training and storage area for all unit members and equipment. The building is a specially designed 86,531 sf armory of permanent masonry type construction, brick and concrete floors. The Organizational Maintenance Shop consists of a specially designed maintenance facility with five work bays to provide maintenance capabilities to support ten units. In addition, an administrative work area will be constructed of exposed concrete block.		
(1) TITLE AND LOCATION <i>(City and State)</i> Indefinite Delivery Contract For Architect and Engineering Services Dugway Proving Grounds, Utah	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The nature of the firm's responsibility included full architectural services, mechanical engineering, structural engineering, civil engineer, hazardous materials and contract documents. Services have been primarily architectural renovation of a variety of small project. Scope of work includes adding exterior insulation & finish systems, complete interior renovation & structural upgrades, also included complete structural analysis & upgrade & mechanical & electrical system upgrades.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Martin Hanks, AIA	13. ROLE IN THIS CONTRACT Architect	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION *(City and State)*
KING TECHNICAL GROUP, Salt lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Arts/1995/Business Master of Architecture/1997 Master of Business Administration 1998	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1999/Utah/Architecture
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Has demonstrated knowledge & experience in management & uses the computer to assist the firm in project management. He has experience with projects involving multi-agency clients, such as the State of Utah and the United States Postal Service, General Services Administration and the Corps of Engineers.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Consolidated Maintenance Facility, Tooele Army Depot, UT	2012	
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 Design and Construction Phased Services: This project is included to indicate maintenance shop experience and ASRS interface. An Automated Storage and Retrieval System (ASRS) is attached to this building.		
Fire Protection Upgrade and ADAL Fire/Crash Station Hill AFB, UT	2010	
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Correct Fire Protection Deficiencies of the Hill Air Force Base Depot Hangar and Logistical Operations Facility. The work entails the preparation of a life safety study, in accordance with the latest NFPA 101 & UBC codes for the determination of what is deficient from the fire protection point of view. Fire/Crash station included the design of an addition of two (2) drive through vehicle stalls; dorm rooms & latrine & the alteration of the women's dorm & administration dispatch areas.		
Indefinite Delivery Contract For Architect and Engineering Services Dugway Proving Grounds, Utah	2012	
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The nature of the firm's responsibility included full architectural services, mechanical engineering, structural engineering, civil engineer, hazardous materials and contract documents. Services have been primarily architectural renovation of a variety of small project. Scope of work includes adding exterior insulation & finish systems, complete interior renovation & structural upgrades, also included complete structural analysis & upgrade & mechanical & electrical system upgrades.		
Depot Production Support Facility Hill AFB, UT		
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The nature of the firm's responsibility includes full architectural services. The firm has been involved in a formal Partnering Process. DPSF is a new 75,000 sf multi-use warehouse facility which incorporates a raw stock materials warehouse which include a small equipment shop, a battery warehouse and a hazardous chemicals warehouse. An administration building is attached to these warehouses. The building is a one-story CMU structure with brick veneer.		
Light Industrial Indefinite Quantity Contract Sacramento Corps of Engineers Area of Responsibility	2013	
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The nature of the firm's responsibility included full architectural services, mechanical engineering, electrical engineering, structural engineering, civil engineering, hazardous materials and contract documents. Work and services has consisted of the design for various types of light industrial facility/maintenance type facilities & includes such projects as warehouse facilities maintenance shops, and simple processing facilities.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Anthony White, ASLA	13. ROLE IN THIS CONTRACT Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> King Technical Group, Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Landscape Architecture/1988		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1990/Utah/Landscape Architect	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Consolidated Maintenance Facility, Tooele Army Depot, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
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 Design and Construction Phased Services: This project is included to indicate maintenance shop experience and ASRS interface. An Automated Storage and Retrieval System (ASRS) is attached to this building.		
(1) TITLE AND LOCATION <i>(City and State)</i> Armory and Organizational Maintenance Shop West Jordan, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Armory will provide training and storage area for all unit members and equipment. The building is a specially designed 86,531 sf armory of permanent masonry type construction, brick and concrete floors. The Organizational Maintenance Shop consists of a specially designed maintenance facility with five work bays to provide maintenance capabilities to support ten units. In addition, an administrative work area will be constructed of exposed concrete block.		
(1) TITLE AND LOCATION <i>(City and State)</i> Depot Production Support Facility Hill AFB, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The nature of the firm's responsibility includes full architectural services. The firm has been involved in a formal Partnering Process. DPSF is a new 75,000 sf multi-use warehouse facility which incorporates a raw stock materials warehouse which include a small equipment shop, a battery warehouse and a hazardous chemicals warehouse. An administration building is attached to these warehouses. The building is a one-story CMU structure with brick veneer.		
(1) TITLE AND LOCATION <i>(City and State)</i> Central Utah Correctional Facility Gunnison, Utah	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. White was project landscape architect and project manager for site improvements at the Department of Corrections Training Center in Craper, Utah, the program of improvements included a jogging path, pistol range, signage, landscaping, irrigation and parking lot improvements.		
(1) TITLE AND LOCATION <i>(City and State)</i> Various landscape design services	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm - K-Mart in 8 states. He is familiar with different site and growing conditions in the Western United States. - IDIQ contract (Landscape Services) Salt Lake City International Airport - Site Planning/Landscape Development, Eccles Sports Center University of Utah - Site Development, Steiner Aquatic Center Salt Lake City, Utah - Cougar Park Master Plan Kearns, Utah - Site Planning/Landscape Development Oxbow Jail, Salt Lake City, Utah		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME George Wooten, IIDA	13. ROLE IN THIS CONTRACT Interior Designer	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION *(City and State)*
KING TECHNICAL GROUP, Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Fine Arts/1989/Interior Design	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 1. Finalist Steelcase/IWC Showroom Desk Design Competition, Washington, DC - 2. Most Outstanding Project, Interiors II Category, Associated Building & Contractors - 3. AWI First Place Award, Architectural Woodwork Institute National Design Competition - 4. IFDA Second Place Award, International Furnishings & Design Association

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Interior Designer for King's (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE a. Mr. Wooten is currently interior designer for King's open-end contract with 1. Fidelity Investments, and 2. Salt Lake City International Airport open-end contract	2012	
<input checked="" type="checkbox"/> Check if project performed with current firm		
Previous client experience (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE b. His work included providing several government agencies with interior design. Project experience includes work for the US Department of Education and the US Department of Justice in Washington, DC, and work for the US Department of State in Rosslyn, Virginia.		
<input type="checkbox"/> Check if project performed with current firm		
Other foreign and domestic interior design experience (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE c. Mr. Wooten's other project experience includes interior design for the USPS Indefinite Quantity Contract, the Ministry of Petroleum, in Jeddah, Saudi Arabia, Bell Atlantic network Services in Arlington, Virginia, the Ritz-Carlton Hotel in Washington, DC, and world-wide offices for Sidley and Austin.		
<input type="checkbox"/> Check if project performed with current firm		
Bryan, Cave, McPheeters & McRoberts and Venable, Baetjer, Howard & Civiletti; Washington, DC (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE d. Mr. Wooten was the exclusive interior designer for the law firm of Bryan, Cave, McPheeters & McRoberts and Venable, Baetjer, Howard & Civiletti in Washington, DC.		
<input type="checkbox"/> Check if project performed with current firm		
Additional award (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE e. ASID Joel Polskey Academic Achievement Award Recognition Yale Burge Award of Excellence, BYU Department of Design		
<input type="checkbox"/> 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 Ronald J. Henderson, P.E., C.S.E., President	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 23	b. WITH CURRENT FIRM 22

15. FIRM NAME AND LOCATION *(City and State)*
Henderson Engineers & Associates, Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MECE - 1995 - Structural Engineering BSCE - 1989 - Civil Structural Engineer	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1993 - Professional Engineer - Utah Also licensed in California, Nevada, Colorado, Idaho Certified Structural Engineer - Utah 1999
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Henderson is well qualified both from the standpoint of expertise in this line of project. He is very familiar with military requirements for projects having completed projects at military installations such as the VA Medical Center in Salt Lake City, the Tooele Army Depot, and the Utah National Guard.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Consolidated Maintenance Facility, Tooele Army Depot, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
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 Design and Construction Phased Services: This project is included to indicate maintenance shop experience and ASRS interface. An Automated Storage and Retrieval System (ASRS) is attached to this building.		
(1) TITLE AND LOCATION <i>(City and State)</i> Aviation Support Facility West Jordan, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm New Army Aviation Support Facility, including alteration and expansion of existing facilities to provide necessary facilities for training in support of flight activities and aircraft maintenance in performance of support level maintenance. The building is a specially designed 97,942 sf aviation facility of permanent masonry and steel construction with single ply roof with overhead crane, concrete floor, masonry block partitions, mechanical and electrical equipment.		
(1) TITLE AND LOCATION <i>(City and State)</i> Armory and Organizational Maintenance Shop West Jordan, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Armory will provide training and storage area for all unit members and equipment. The building is a specially designed 86,531 sf armory of permanent masonry type construction, brick and concrete floors. The Organizational Maintenance Shop consists of a specially designed maintenance facility with five work bays to provide maintenance capabilities to support ten units. In addition, an administrative work area will be constructed of exposed concrete block.		
(1) TITLE AND LOCATION <i>(City and State)</i> Other Relevant Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Building 225, Hill Air Force Base, Utah - special high bay Arch Truss Analysis and Retrofit Building 619, Tooele Army Depot, Utah - Chemical Mixing Facility, Dugway Proving Grounds, Utah - Laundry Room Renovation, Veterans Medical Center, Salt Lake City, Utah - Ordnance Storage, Hill Air Force Base, Utah - Postal Facilities in Cedar City, Murran and Sandy, Utah - Squadron Operations Facility, 1954 RADES, Hill AFB, UT - Stage I II III Storage Facilities Hill AFB, UT		
(1) TITLE AND LOCATION <i>(City and State)</i> Participated in numerous Value Engineer sessions	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm •Davis County School District Value Engineer, Utah •Wooded Ridge Condominiums Value Engineering, Salt Lake City, Utah •Holy Cross Radiology Value Engineering, Salt Lake City, Utah •St. Johns Value Engineering, Jackson Hole, Wyoming •Snow College Humanities Building, Ephraim, Utah •Jordanelle State Park Value Engineering, Utah		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Oscar Rambler. P.E. Vice President	13. ROLE IN THIS CONTRACT Principal Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION <i>(City and State)</i> Northside Consultants, Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS Mechanical Engineering University of the Witwatersrand, South Africa		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1988, Engineering, Mechanical	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Overseas Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm 5,000 ton, Below ground Chilled Water Plant, President Steyn Gold Mine, South Africa - 10,000 ton Surface Chilled Water Plant, F.S. Saaiplaas Gold Mine, South Africa Z.C.C.M. Copper Mine Office Building, Lusaka, Zambia, \$8,400,000 4,500 HP Compressed Air Plant at F.S.G. Gold Mine, Oldendaalsrus, South Africa, \$1,600,000 - 450 ton Cascade R-502 Condensing System, System Sasol Oil Refinery Sasolburg, South Africa, \$200,000		
(1) TITLE AND LOCATION <i>(City and State)</i> DOD Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Border Patrol Firing Range (Airborne Lead Contamination), Spokane, WA, \$17,000 - FY 99 Peacekeeper Missile Facilities, \$11,200,000 - Adal Building 505 Metal Processing, \$2,000,000 - Building 260 Boiler Plant (5,800 HP), \$2,100,000 - Building 637 Boiler Plant New Industrial Waste Line and Leak Tracing Tooele Army Depot, \$630,000 -		
(1) TITLE AND LOCATION <i>(City and State)</i> Vetern's Administration Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm M.C.M.R.I., Radiology, Morgue, and Other Facilities, Salt Lake City, UT, \$85,000,000 - Main Hospital Renovation, Salt Lake City, UT \$25,000,000 - Entryway, Salt Lake City, UT, \$1,200,000 - Telephone Room, Building 1, \$88,000 - Asbestos Abatement and Steam System Replacement in 9 Buildings, \$1,300,000 - Building 2 Research Addition, \$3,000,000 - Hot Tank Room, Building 1, \$120,000 - Laundry, \$1,800,000 -Retrofit Underground Storage Tanks, \$66,000		
(1) TITLE AND LOCATION <i>(City and State)</i> Smith's Food & Drug Centers,	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Smith's Food & Drug Centers, 5 designs for 30 stores, \$90,000,000		
(1) TITLE AND LOCATION <i>(City and State)</i> US Army Dugway Proving Ground	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm US Army Dugway Proving Ground, UT, 13 Projects, \$8,000,000 including as a subcontractor on the IDIQ - Architect & Engineering Services and the Vehicle Maintenance Shop for Dugway Proving Ground with King Technical Group		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME James R. Bucher, PhD, P.E. President	13. ROLE IN THIS CONTRACT Principal In Charge	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 16

15. FIRM NAME AND LOCATION *(City and State)*
KEY Consulting Engineers, Inc., Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BSCE University of Dayton 1991 MS Northwestern University 1993 PhD Northwestern University 1995	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> New Hampshire/1995/Electrical Utah/2000/Electrical (and 30 other states)
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Mr. Bucher held the position of adjunct assistant professor in the Graduate School of Architecture at the University of Utah, teaching courses in illumination and electrical system design.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Commercial, Governmental and Institutional projects (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Has directed design of wide range of commercial, governmental and institutional projects with single project cost up to \$35 million. Experience includes illumination, power distribution, and control systems. Has directly participated in design of wide range of government projects for Air Force and Corps of Engineers (Sacramento), and Department of Veterans Affairs.		
Management of Field Activities/Construction (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Past experience includes day to day management of field activities of electrical contracting firm. Experience in cost control and construction methods.		
Misc. Work (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. Has been "contact person" for term contract work with Salt Lake City Airport Authority and with Veterans Administration, Salt Lake City Medical Campus.		
Master Planning Services (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. Provided master planning services for \$50 million upgrade of electrical system at Salt Lake City VA in 1996.		
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm e.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Michael W. Geory	13. ROLE IN THIS CONTRACT Project Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 18	b. WITH CURRENT FIRM 13

15. FIRM NAME AND LOCATION *(City and State)*
KEY Consulting Engineers, Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BSEE Cleveland State University 1994	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Ohio/1999/Electrical Utah/2001/Electrical
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Extensive experience in design of industrial control systems. Experience includes project engineering with international design build. Primary responsibilities are for design of electrical systems for large commercial/industrial facilities; including foundries and cement plants.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
a. Distribution System	2012	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Completed \$1 million 25KV/12KV distribution system design at Snowbird, Utah		
b. Sperry Corp, Phoenix, Arizona	2010	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Designed 44KV overhead distribution system and two building substations for Sperry Corp.		
c. Emergency Generator Plant, Hill AFB, UT	2009	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Wash project engineer for 2.4 megawatt emergency generator plant and system upgrade at Hill AFB.		
d. IRS Service Center, Ogden and Hill, AFB	2010	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Has been directly involved in Corps of Engineers and GSA term contract work IRS Service Center, Ogden and Hill, AFB Designed the 1.0 MW UPS and generator system presently in use at the Service Center.		
e.		
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> 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 Kenneth Raab, P.E. Vice President	13. ROLE IN THIS CONTRACT Civil Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> Barton Consulting Engineers, Inc., Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS Mechanical Engineering B.S./University of Utah/1991/Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Professional Engineer - Utah, Idaho and Nevada	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Area Industrial Waste Line and Lift Station Hill Air Force Base, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>
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 In an effort to upgrade a dilapidated industrial waste collection system, a new 15" diameter RCP line and lift station were installed. The line and pumps had to be resistive to the corrosive environment. A new alignment was determined for the replacement line due to the congestion caused by other buried utility lines and surface improvements.		
(1) TITLE AND LOCATION <i>(City and State)</i> Thiokol Building M4111 and 314 Ogden, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm M4111 -As project engineer provided site plan, utility plan, grading and drainage plan, and design to bring a natural gas line from 1/4 mile off site onto the building site. 314 -As project engineer provided site plan, utility plan, grading and drainage plan for this building which is used to pre-mix rocket motor propellant.		
(1) TITLE AND LOCATION <i>(City and State)</i> Morton International Buildings ASP-14 Ogden, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Morton International Buildings ASP-14: As project engineer provided master site plan for 3 buildings which included utility plan, grading and drainage plan, and roadways. The main building is used for mixing the explosive used in manufacturing air bags.		
(1) TITLE AND LOCATION <i>(City and State)</i> Fort Douglas - Buildings 131, 100, 102 and 103 Salt Lake City, Utah	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Fort Douglas - Buildings 131, 100, 102, 103, Salt Lake City, Utah: Project Manager for the site work associated with remodel of the buildings. The project also included parking lot repair for an Army Reserve Center, including handicap access.		
(1) TITLE AND LOCATION <i>(City and State)</i> Fort Douglas P.O.V. Parking & Utilities Salt Lake City, Utah	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Fort Douglas P.O.V. Parking & Utilities, Salt Lake City, Utah: Project manager of topographic surveys for 3 parking lots and Stover Street. The project was part of the property transfer to the University of Utah and included design of a new 10" waterline for separation between the University of Utah and Fort Douglas to cut off interconnecting water systems.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Thomas H. Green, P.E. President	13. ROLE IN THIS CONTRACT Principal/Civil Engineering	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION *(City and State)*
Barton Consulting Engineers, Inc., Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S./University of Utah/1990/Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Civil Engineering: Utah - 1994 / Nevada - 1994
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Green is a professional engineer with over 20 years of experience in the planning, design, and construction administration of a broad spectrum of civil projects.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Intermountain Power Project (IPP) Delta, Utah	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Intermountain Power Project (IPP), Delta, Utah: Responsible for design and management for this \$24 million, fast tracked project. Included all road networks, sewer, water, and storm drainage for the entire support community to IPP.

(1) TITLE AND LOCATION <i>(City and State)</i> Army Aviation Support Facility Repaving Project Salt Lake City, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Utah Army National Guard, Army Aviation Support Facility Repaving Project, Salt Lake City Airport #2. responsible for design and contract administration. Project issues included: severe restriction of grading options by numerous existing facilities. Existing bituminous pavements were removed and replaced using geotextiles, untreated base course and bituminous pavement. Existing concrete helipads were preserved along with taxiway lights.

(1) TITLE AND LOCATION <i>(City and State)</i> Electronic Combat Test Center West Desert, Utah	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Electronic Combat Test Center, West Desert, Utah: Site planning and roadway design for a \$40 million Corps of Engineers project. Design only.

(1) TITLE AND LOCATION <i>(City and State)</i> Current IDIQ	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
1. Hill Air Force Base, Utah: Currently principal in charge of civil engineering for services provided under an open end contract.
2. Facility, Sale Lake City Airport #2: Responsible for design and contract administration. Project was bid for both flexible and rigid pavement alternates.

(1) TITLE AND LOCATION <i>(City and State)</i> Utah Army National Guard,	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Utah Army National Guard, Fixed Wing Parking Apron and Taxiway, Army Aviation Support

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Marlin C. Donaldson, P.E. Engineering Mgr	13. ROLE IN THIS CONTRACT Principal in Charge	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 8

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

Regis & Associates, Concord, CA

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.S./2002/Mechanical Engineering
B.S./2002/Agricultural Engineering

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

2006/Mechanical/CA; 2007/Fire Protection/OR
2008/Fire Protection Engineer/CA

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

Mr. Donaldson is a member of the National Fire Protection Association and a Member of the Society of Fire Protection Engineers.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Overall Project Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Mr. Donaldson's projects have included hospitals, office buildings, mercantile areas, and hotels. His background includes surveys of existing buildings at various facilities to identify levels of life safety. He has reviewed facilities and systems with respect to military, federal, state, local, and historic building and fire codes. He has consulted on small scale projects as well as large facilities

(1) TITLE AND LOCATION <i>(City and State)</i> Fire Protection Code Consulting	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Mr. Donaldson's fire protection code consulting experience includes office buildings, hospitals and shopping centers. He has negotiated project fire protection programs and equivalencies with local building officials, state agencies and federal agencies. He has also surveyed existing buildings to identify levels of life safety. He has reviewed facilities and systems with respect to military, government, state and local, and historic building and fire codes.

(1) TITLE AND LOCATION <i>(City and State)</i> Fire Alarm Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
His fire alarm experience includes retrofit design for large "campus-type" central station systems, high-rise office buildings, and other unique hazards. He has done fire alarm and sprinkler design on federal projects and is familiar with their particular requirements. He has also been involved in projects dealing with the design and analysis of rack storage facilities.

(1) TITLE AND LOCATION <i>(City and State)</i> Design Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Design experience has included conceptual design projects intended to provide a contractual framework for design/build contractors as well as detailed design projects intended to specify system components and manner of installation. He has managed numerous projects which have included both sprinkler and fire alarm design. In addition to system designs, Mr. Donaldson has developed master plans for long-term upgrades to be carried out within large, campus-type facilities.

(1) TITLE AND LOCATION <i>(City and State)</i> Navy Projects and Other Customers Contracts	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
•IDIQ Southwest Division of the Navy •San Diego Naval Hospital •Elemndorf Air Force Base Hospital, Alaska
•Department of Veterans Affairs •General Services Administration

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Gerald J. Kaitland Associate Consulting Eng	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 0

15. FIRM NAME AND LOCATION *(City and State)*
Regis & Associates. Concord, CA

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S./2006/Mechanical Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 2009/Engineer In Training/Wisconsin
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
He is a member of the National Fire Protection Association and the Society of Fire Protection Engineers.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Fire Detection and Alarm Systems	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
He has been involved in the design and construction of fire detection and alarm systems and facility master planning. He has tested and evaluated AFFF foam suppression systems. He has designed wireless-type fire alarm reporting systems. He has also prepared Statement of Conditions and Plan of Improvements reports for healthcare facilities.

(1) TITLE AND LOCATION <i>(City and State)</i> Military Project Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
•C-17 Corrosion Control Facility, Altos AFB, OK •Shemya AFB, Skemya AK •Beale AFB, Marysville, CA
•Memphis NAS, Millington, TN •Whiteman AFB, Knob Noster, MO

(1) TITLE AND LOCATION <i>(City and State)</i> Project Management and Administration	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Project management and administration, investigative and design surveys, preparation and review of fire protection system bid documents, interpretation of specifications and code requirements, cost estimating, report preparation, contractor shop drawing review, construction monitoring and system testing.

(1) TITLE AND LOCATION <i>(City and State)</i> Fire Protection Systems Design	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
His fire protection systems design and building code consulting experience includes high-rise office buildings, hospitals, telecommunications facilities, universities and aircraft hangars.

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

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 James C. Colton, CIH	13. ROLE IN THIS CONTRACT Certified Industrial Hygienist	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 11
15. FIRM NAME AND LOCATION <i>(City and State)</i> Boston Health Incorporated, Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. , Biology, 1990		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1999, Certified Industrial Hygienist 2005, EPA Accredited Asbestos Inspector	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Asbestos Support Services Contract with the State of Utah, Division of Facilities, Construction	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. Has been responsible for assisting in the management of asbestos in state-owned and controlled buildings. As a part of this contract, he has worked with state architects, private architectural firms, and facilities management personnel to design asbestos abatement projects, perform abatement oversight and conduct asbestos surveys. A part of Mr. Colton's duties under the State of Utah contract involved an innovative program utilizing prisoners employed by Utah Correctional.		
(1) TITLE AND LOCATION <i>(City and State)</i> General Services Administration, Regions 8, 9 and 10	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. Conducted numerous Occupational Safety and Health (OSH) and Facility Safety and Health (FSH) inspections of government-owned and leased facilities throughout the western United States. These inspections emphasized health and safety concerns of all kinds for government employees in the facilities.		
(1) TITLE AND LOCATION <i>(City and State)</i> GSA Investigations included:	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. •Asbestos, lead-based paint, radon, & other hazardous materials surveys •Indoor air quality (IAQ) studies •Employee exposures to hazardous materials •Hazardous material/safety risk evaluations •Assessing risk associated with public use facilities •Presenting recommendations to abate the deficiencies found.		
(1) TITLE AND LOCATION <i>(City and State)</i> Training Sessions for GSA	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. The project also involved conducting numerous training sessions for government employees on topics such as: •Asbestos Awareness Training •Asbestos Worker Training, Radon Awareness and Management training • Recognition and Handling of Polychlorinated Biphenyls		
(1) TITLE AND LOCATION <i>(City and State)</i> Other Relevant Project Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm e. •Administrator and Manager of Asbestos-related Projects for the Department of Veterans Affairs •Senior Project Manager for US West Communications Asbestos Survey and Abatement Program •Administrator for numerous Indefinite-Delivery/Task Order-type contracts with Federal and State Agencies		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME William Conrad, CIH, CSP	13. ROLE IN THIS CONTRACT Certified Industrial Hygienist	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 15

15. FIRM NAME AND LOCATION *(City and State)*
Beston Health Incorporated, Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. , Biology, 1987	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> M.S., Sanitary Engineering, Virginia Polytechnic Institute, 1997 B.S., Civil Engineering, Virginia Polytechnic Institute, 1994
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 He developed and presented training programs while serving as Clinical Faculty at the University of Utah, College of Medicine teaching asbestos risk assessment management and toxicology.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Multi-Year Asbestos Inspection Program Army Corps of Engineers, Honolulu District	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 Multi-Year Asbestos Inspection Program for over 300 buildings in Hawaii and the Pacific Rim. As BHI's Senior Scientist, he managed and technically reviewed various work tasks, •Asbestos surveys •Bulk sampling •Asbestos risk assessments •Developing management plans •Creating an automated asbestos abatement cost estimation

(1) TITLE AND LOCATION <i>(City and State)</i> Church of Jesus Christ of Latter-day Saints Asbestos Survey program, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 Senior Manager and Project Oversight of a Long-term Asbestos Survey program involving over 800 facilities. He has overseen the implementation of an asbestos inspection program that has involved: •Conducting Asbestos Surveys of over 800 Buildings •Designing Operations and Maintenance (O&M) Plans for over 400 Facilities •Managing over 300 Asbestos Abatement Projects •Developing "As-Built" Plans Locating Asbestos Containing Materials for future church A/E.

(1) TITLE AND LOCATION <i>(City and State)</i> Asbestos Inspection and Abatement Management	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 Mr. Conrad has overseen the implementation of large asbestos inspection and abatement management programs involving hundreds of buildings for institutional clients, including •US Army Corps of Engineers, Honolulu district •The Church of Jesus Christ of Latter-day Saints •US General Services Administration •State of Utah-Division of Facilities, Construction and Management •US WEST Business Resources, Inc. •Property Reserves, Inc.

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

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

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

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 David Brown	13. ROLE IN THIS CONTRACT Certified Industrial Hygienist	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 9

15. FIRM NAME AND LOCATION *(City and State)*
Beston Health Incorporated, Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S., Biology (Air Pollution Ecology), University of Utah, 1992 B.S., Chemistry, University of Utah, 1987	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1997, Certified Industrial Hygienist, Air Pollution Aspects 2000, Accredited Lead Based Paint Inspector, Univ of Utah
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Mr. Brown also serves as an Industrial Hygiene Clinical Instructor at the Rocky Mountain Center for Occupational and Environmental Health within the University of Utah, College of Medicine.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Multi-Year Asbestos Inspection Program Army Corps of Engineers, Honolulu District	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 Multi-Year Asbestos Inspection Program for over 300 buildings in Hawaii and the Pacific Rim. As BHI's Senior Scientist, he managed and technically reviewed various work tasks, •Asbestos surveys •Bulk sampling •Asbestos risk assessments •Developing management plans •Creating an automated asbestos abatement cost estimation

(1) TITLE AND LOCATION <i>(City and State)</i> Church of Jesus Christ of Latter-day Saints Asbestos Survey program, UT	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 Senior Manager and Project Oversight of a Long-term Asbestos Survey program involving over 800 facilities. He has overseen the implementation of an asbestos inspection program that has involved: •Conducting Asbestos Surveys of over 800 Buildings •Designing Operations and Maintenance (O&M) Plans for over 400 Facilities •Managing over 300 Asbestos Abatement Projects •Developing "As-Built" Plans Locating Asbestos Containing Materials for future church A/E.

(1) TITLE AND LOCATION <i>(City and State)</i> Lead-based Paint Inspection and Abatement Projects	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 Has managed numerous projects at housing developments, manufacturing facilities and single family dwellings. •Martin Marietta/HUD Region VIII Lead-based paint surveys •Ogden Housing Authority Surveys •Salt Lake City & County Housing Authority Surveys •Questar Pipeline Company Housing & Pipeline Equipment Surveys •Safeco Corporation Lead-based Paint Inspections and O&M Plan Development •Sharon Steel CERCLA Site, Blood Lead-level Surveys

(1) TITLE AND LOCATION <i>(City and State)</i> Air Pollution Research Scientist	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 experience includes making ambient air pollution measurements, sampling aerial plumes using specially equipped/instrumented aircraft, gauging uptake of air pollution by vegetation, generating dispersion models, performing stack sampling, aerosol generation & measurement, visibility measurements, developing laboratory & analytical techniques to quantify various air pollutants, & researching the effects of air pollution on the photosynthetic rate of plants.

(1) TITLE AND LOCATION <i>(City and State)</i> Developing Lead-based Paint Abatement Specifications	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
 Mr. Brown assisted in developing lead-based paint abatement specifications for the State of Utah, Governors Mansion; Fort Douglas and Travis AFB.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jordan Adler, CPE, Principal	13. ROLE IN THIS CONTRACT Cost Estimating	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 20

15. FIRM NAME AND LOCATION *(City and State)*
Parameters Inc., Salt Lake City, UT

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1991 Utah Technical College Cost Estimating	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> 1998 - American Association of Professional Estimators Certified Professional Estimator
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Mr. Adler maintains active memberships with the American Society of Cost Engineers and Society of American Value Engineers.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Project Combined Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Mr. Adler reviews all projects with respect to quantities and costs. He is experienced on a wide range of commercial, civil, municipal and defense facilities. His combined experience amounts to a construction value of over \$10 billion with 3,700 projects to date.

(1) TITLE AND LOCATION <i>(City and State)</i> President of Company and Responsibilities	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Mr. Adler has over 20 years experience in the field of Construction Cost Estimating. He was employed by the firm in 1992 as an estimator and has served as President since 1996. As the lead of the firm, he is responsible for over all coordination and quality control for each project. He oversees the "In House" Computer System used for Estimating and Man-Hour Analysis. Mr. Adler reviews all projects with respect to quantities and costs.

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

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

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

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

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

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 Court Widby	13. ROLE IN THIS CONTRACT Cost Estimating	14. YEARS EXPERIENCE	
		a. TOTAL 24	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Parameters Inc., Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1988 - Griswold Institute - Cleveland Ohio - Physics and Math		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Project Combined Experience	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
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 He has a wide range of experience on commercial, civil, municipal and defense facilities. His combined experience while at Parameters amounts to a construction value of over \$5 Billion on over 1,700 projects to date.		
(1) TITLE AND LOCATION <i>(City and State)</i> Special Expertise	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Widby provides Parameters Inc with special expertise in the technical and critical disciplines of mechanical and electrical cost estimating. He full understands those systems and designs in their conception, as well as final working systems. He is responsible for the maintenance of the mechanical and electrical costs contained within the "In-House" computer systems.		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> 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 Lorraine Street Principal/Owner	13. ROLE IN THIS CONTRACT Principal in Charge- Landscape Architect	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 8
15. FIRM NAME AND LOCATION <i>(City and State)</i> Hallmark Design, Inc., Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Landscape Architecture, Utah State University/1993 Master of Economics, University of Utah/2000		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Registered Landscape Architect, 1997, Utah, Idaho, and Nevada American Institute of Certified Planners, 2002	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
Ms. Street participated in the Utah Arts Festival, Art in Public Places competition and successfully received the commission to install a garden along the Pierpoint Walkway pedestrian connection.

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> I-215 Landscape Planning and Design	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Preparation of landscape planning & design construction documents for the award winning 8.7 miles of urban highway. The plan involved a thorough analysis & mapping of the existing site conditions, including soils, vegetation, slope & hydrology. The plan currently being implemented is, based on a commitment to native landscapes, which incorporates re vegetation & land reclamation methods including the use of water conserving hardy plant materials & site prep. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> "Temporaria" Interim Landscape Improvements	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape improvements for the interim landscape design includes walkways, plazas, parking lot and landscape and incorporates work of collaborating artists including Lorraine, a sculptor, composer and a poet. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Marriott Library Expansion - University of Utah	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape and irrigation design which involves a plaza area and other hardscape features such as seat walls, walkways, and other features placed over structure. The work is being done in collaboration with another architect who is developing a distinctive landscape for the almost totally underground expansion. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Salt Lake International Airport	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Consultant to the Salt Lake City Airport Authority providing landscape and irrigation design, master planning and maintenance personnel training. Recently completed an overall master plan which identified a five yea budget and plan for upgrading the landscape at the airport, a feasibility study for a 4000 square foot green house, and construction documents for landscape and irrigation at the new Rental Car Facility, and the Delta Reservation Center Expansion. <input checked="" type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> Washington Square Park Renovation	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepared the urban design, site layout and construction documents for the award winning seven acre park surrounding the Salt Lake City and County Building including walks, ornamental cast iron fountains, furnishings, lighting, and landscape and irrigation. <input checked="" type="checkbox"/> 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 JoAnn Newman, P.E.	13. ROLE IN THIS CONTRACT Program Manager, Environmental	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 6
15. FIRM NAME AND LOCATION <i>(City and State)</i> Sage Consultants, P.C., Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S./Civil Engineering/University of Arizona/1999 B.S./Civil Engineering/University of Arizona/1996		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> - Registered Professional Engineer, Utah, Indiana, and Ohio - 40-hour OSHA Health and Safety Training	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Metropolitan Sewer District of Greater Cincinnati Cincinnati, OH	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
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 Ms. Newman was the project manager for the preparation of a Closure Plan & the specifications to perform the closure of the Metropolitan Sewer District of Greater Cincinnati's Hazardous Waste Liquid/Fluid Incineration Facilities. As part of this effort, she developed an engineer's estimate for the closure activities & assisted in performing cost analysis of the bids submitted. She also provided oversight for the closure activities & preparation of the certification of closure.		
(1) TITLE AND LOCATION <i>(City and State)</i> US Navy Civil Engineering Laboratory	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm She participated in the preparation of an Initiation Decision Report for the US Navy Civil Engineering Laboratory which addressed methods for minimizing and treating the hazardous waste generated at 23 Naval activities. As part of this activity, capital and operating and maintenance costs were developed for the various technology alternatives.		
(1) TITLE AND LOCATION <i>(City and State)</i> Risk Reduction Engineering Laboratory in Cincinnati Cincinnati, OH	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Newman has prepared numerous technical documents. For example, she assisted in the preparation of the Superfund Innovative Technology Evaluation (SITE) program Technology Profiles which required technical review of 35 project reports and the preparation of concise technical description of each technology, its applicability/limitations and test results to date along and process flow diagrams.		
(1) TITLE AND LOCATION <i>(City and State)</i> Steel Industry	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed multiple contracts and directed efforts of consultants/subcontractors for field investigations and Feasibility Studies of pollution problems at 11 steel facilities. Involved in solid waste management and disposal. Advisor to management on environmental obligations for new & existing production facilities. Development of control strategies and negotiated with regulatory personnel for new facilities permits and to resolve noncompliance issues.		
(1) TITLE AND LOCATION <i>(City and State)</i> Emissions Environmental Assessment	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Newman prepared an environmental assessment of the emissions from a demonstration iron-making process. This effort included development of the emission rates and pollution control strategies to meet known regulatory requirements. In addition, cost for monitoring and treating residuals produced had to be established.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Sheila Allison, PhD, P.E. President	13. ROLE IN THIS CONTRACT Principal in Charge/ Environmental	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION <i>(City and State)</i> Sage Consultants, P.C., Salt Lake City, UT			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Ph.D./1991/Chemical Engineering, University of Iowa M.S./1988/Environmental & Sanitary Engineering/Washington University B.S./1986/Chemistry/LeMoyné College		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> P.E./2001/Sanitary Engineering, D.C. P.E./2001/Civil Engineering, D.C.	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Asbestos Abatement for Management Planners, 2007 Asbestos Abatement for Inspectors 2007			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Engineering & Construction Support Services	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
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 Dr. Allison serves as project principal on the firm's task order contracts for engineering & construction support services for asbestos abatement for the District of Columbia, Department of Public Works & for the Massachusetts Water Resources Authority. In this capacity, she handles client contact, attends planning meetings & reviews all work plans & cost estimates. Dr. Allison also reviews & works directly (as needed) on all drawings, specifications and bid documents.		
(1) TITLE AND LOCATION <i>(City and State)</i> Hazardous Waste Management Plans and Environmental Audits	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Dr. Allison has developed hazardous waste management plans and performed environmental audits for federal, state and local governments; she has prepared closure plans for DoD waste disposal facilities and prepared RCRA PART B permits for DoD facilities; she provided direct input to the RFI Guidance Manual developed for EPA and is served as in-house, expert reviewer for EPA. This software will be made available to the public.		
(1) TITLE AND LOCATION <i>(City and State)</i> Relevant Past Assignments	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Relevant experience is demonstrated through Dr. Allison's past assignments with environmental management programs and facility restoration projects for USEPA, DoD, DOE, FAA, USATHAMA, and the D.C. Government.		
(1) TITLE AND LOCATION <i>(City and State)</i> 	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		
(1) TITLE AND LOCATION <i>(City and State)</i> 	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION <i>(City and State)</i> Consolidated Maintenance Facility, Tooele Army Depot, UT	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Sacramento District, COE	b. POINT OF CONTACT NAME Alan Stewart	c. POINT OF CONTACT TELEPHONE NUMBER (916) 555-9563
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility included architectural design, contract documents and Title II services. King has received the 2012 COE Honor Award and the Blue Seal Award for the design of this facility. This project is included to indicate maintenance shop experience and ASRS interface. An Automated Storage and Retrieval System (ASRS) is attached to this building. King was responsible for assisting COE and TEAD in locating the ASRS and in providing a connecting vestibule between the main building and the ASRS. Our services also included reviewing the storage retrieval system conveyor system and other conveyance system with the project. Jackson A. Seeder Management provided review of progress drawings and layout to verify compatibility with the main building. The facility includes a 333,000 square foot maintenance area and a 43,000 square foot administrative area. An automated storage and retrieval system (ASRS) is connected to the maintenance area but is not part of the project. Maintenance operations include complete overhaul and rebuild of power train components, power generation equipment and engines.
 Receiving - Unpacking - Pre-cleaning - Container repair - Disassembly - Cleaning - Machine Shop - Welding - Millwright Fuel & electrical components - Electrical repair - Assembly - Testing - Packing - Painting

Major equipment includes interface with ASRS, process equipment, cranes, conveyors, dip tanks, high temperature bake ovens, paint booths, welding booths, dynamometers, automatic guided vehicles, computers and test equipment.

Unpacking - Shipping/Receiving Docks - Conference Rooms - Pre-cleaning Equipment - Container repair - Break Rooms Disassembly - Cleaning - Training Rooms - Machine Shop - Welding - Computer Rooms - Millwright - Fuel & electrical components - High Bay Maintenance Areas - Electronic repair - Assembly - Long Span Construction - Testing Paint Booths
 The building design incorporates the following systems: The building design incorporates the following systems: Access Flooring System - Energy Saving Heating and Ventilating Systems - Conveyor System - Infra-Red Radiant Heating - Engine Dynamometer - Energy efficient lighting - Floor Mounted Gantries - Complete daylighting system - Transmission and Generator Set Test Benches - Under floor and trench industrial waste system

Mechanical design included evaluation of base steam system, natural gas and propane back-up.

HVAC systems includes a combination of Infra Red Heating and Make-Up Air, Industrial Waste System and permitting were provided. Electrical Design included major site distribution, system upgrade, daylight monitor balancing with lighting system and COE communication system.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME KING TECHNICAL GROUP	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Principal Architect
b.	(1) FIRM NAME Henderson Engineers & Associates	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Structural Engineers
c.	(1) FIRM NAME Barton Consulting Engineers	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Civil and Sanitary Engineers
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> Aviation Support Facility, Salt Lake City, UT	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Utah National Guard	b. POINT OF CONTACT NAME Sam Winston	c. POINT OF CONTACT TELEPHONE NUMBER (607) 566-9987
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility includes full architectural services.

This project involved the construction of a new Army Aviation Support Facility, including alteration and expansion of existing facilities to provide necessary facilities for training in support of flight activities and aircraft maintenance in performance of support level maintenance.

The building is a specially designed 97,942 sf aviation facility of permanent masonry and steel construction with single ply roof with overhead crane, concrete floor, masonry block partitions, mechanical and electrical equipment. The project includes alteration and renovation of all existing Army Aviation Support Facilities, including the rifle range upgrade, allied shops (machine, welding, sheet metal, prop and rotor), paint booth and office areas.

Supporting facilities include expansion of rigid paving for aircraft parking with tie down pads, wash platform, access ramp and fuel facility parking. Flexible paving additions include taxi lanes, access lanes and open storage. The removal of existing underground fuel system was required, and the project included installation of above ground fuel storage/dispensing system with hot re-fueling capability.

Project Value \$ 6,532,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	KING TECHNICAL GROUP	Salt Lake City, UT	Principal Architect
b.	Henderson Engineers & Associates	Salt Lake City, UT	Structural Engineers
c.	Barton Consulting Engineers	Salt Lake City, UT	Civil and Sanitary Engineers
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> Fire Protection Upgrade and ADAL Fire/Crash Station Hill AFB, UT	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Sacramento District, COE	b. POINT OF CONTACT NAME Alan Stewart	c. POINT OF CONTACT TELEPHONE NUMBER (916) 555-9563
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility includes full architectural services. King was contracted to:

Correct Fire Protection Deficiencies of the Hill Air Force Base Depot Hangar and Logistical Operations Facility. The work entails the preparation of a life safety study, in accordance with the latest NFPA 101 and UBC codes for the determination of what is deficient from the fire protection point of view. Some of the anticipated design includes: construction of fire walls for egress corridors, replacement of combustible partitions and doors, incorporation of panic hardware, upgrading stairwells, upgrading electrical circuit systems, extension of fire suppression systems, visual inspection to determine the extent of asbestos. Total square footage involved includes 930,000 sf. King Technical completed the PDB in October of 2008. ADAL Fire/Crash station - the project includes the design of an addition of two (2) drive through vehicle stalls for four (4) fire fighting vehicles; dorm rooms and latrine and the alteration of the women's dorm (including bathrooms/showers, personal and bunker lockers), and administration dispatch areas. The project includes a visual inspection to determine the extent of asbestos. 5,400 sf new construction, 8,050 sf alteration of 32,678 sf fire station.

On both projects, King coordinated the efforts and worked closely with personnel from Regis and Associates to prepare the analysis of existing conditions and recommendations for remediation for a multitude of safety conditions.

Project Value \$4,500,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	KING TECHNICAL GROUP	Salt Lake City, UT	Principal Architect
b.	Regis & Associates	Concord, CA	Fire Protection
c.	Barton Consulting Engineers	Salt Lake City, UT	Civil and Sanitary Engineers
d.			
e.			
f.			

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION <i>(City and State)</i> Armory and Organizational Maintenance Shop West Jordan, UT	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Utah National Guard	b. POINT OF CONTACT NAME Jefferson Strom	c. POINT OF CONTACT TELEPHONE NUMBER 801-555-7665
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility included full architectural services.

ARMORY

The project involved the construction of an army facility to provide sufficient area for assigned units to perform peacetime training. The building will provide training and storage area for all unit members and equipment. The building is a specially designed 86,531 sf armory of permanent masonry type construction, brick and concrete floors. A one story structure, with mechanical and electrical equipment. Outside supporting facilities include military parking, off-street parking, access roads and sidewalks.

ORGANIZATIONAL MAINTENANCE SHOP

The project involved the new construction of an Organizational Maintenance Shop to provide sufficient area for assigned units to perform unit level maintenance. This facility will provide maintenance training for unit members in preparation for mobilization. The building consists of a specially designed maintenance facility with five work bays to provide maintenance capabilities to support ten units. In addition, an administrative work area will be constructed of exposed concrete block, built-up roof, concrete floors, and partitions to be constructed of concrete block. Support facilities will include: fuel dispensing system, washrack, lube and inspection rack and flammable materials storage building.

Project Value \$5,600,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME King Technical Group	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Principal Architect
b.	(1) FIRM NAME Henderson Engineers & Associates	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Structural Engineer
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION <i>(City and State)</i> Indefinite Delivery Contract For Architect and Engineering Services Dugway Proving Grounds, Utah	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Sacramento District, COE	b. POINT OF CONTACT NAME Adam Krista	c. POINT OF CONTACT TELEPHONE NUMBER 916-555-4348
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility included full architectural services, mechanical engineering, structural engineering, civil engineer, hazardous materials and contract documents.

King has recently been serving the COE Sacramento on this indefinite delivery contract for Dugway Proving Grounds, Utah. The services required have been primarily architectural renovation of a variety of small project. The scope of work includes adding exterior insulation and finish system to numerous existing buildings. Work has also included complete interior renovation and structural upgrades. A recent project required an economic feasibility analysis of renovations new for a fire station. All work has required coordinating with separate A-E contracts involved with the same building. Design services have also included complete structural analysis and upgrade and mechanical and electrical system upgrades. King has successfully managed this indefinite delivery contract for the last 2 years. Other projects include re-roofs, boiler replacements, bio-remediation study for leaking underground storage tank. Several projects involved very fast project turn-around.

Total contract value to date \$1,115,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME KING TECHNICAL GROUP	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Principal Architect
b.	(1) FIRM NAME Northside Consultants,	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Mechanical Engineer
c.	(1) FIRM NAME Sage Consultants	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Pollution, Environment, Energy and Resources
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION <i>(City and State)</i> Alcohol Beverage Control Warehouse & Offices Salt Lake City, Utah	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER DFCM, State of Utah	b. POINT OF CONTACT NAME Omar Johnson	c. POINT OF CONTACT TELEPHONE NUMBER 801-555-3408
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The Alcohol Beverage Control Warehouse functions as the general distribution facility for all alcoholic beverages sold in the State of Utah. The facility provides for 110,000 square feet of warehouse space, 20,000 square feet of administrative support, and a 4,000 square foot maintenance shop.

The facility, as programmed, allows for administrative, maintenance and warehouse functions to be contained in two separately constructed buildings. The Administration building will accommodate the public, executive office, general office, data processing, employee support and maintenance areas, and is comprised of approximately 25,000 square feet. The 110,000 sf warehouse facility has a common receiving location for trucks and railroad cars. Auxiliary Storage and Shipping are located adjacent to the receiving area to accommodate interior product circulation and exterior truck circulation. Within the storage portion of the warehouse the materials handling is organized to provide bulk storage adjacent to the shipping and receiving areas and rack storage elsewhere. Additionally, the warehouse includes support functions such as offices, break rooms, specialty storage, supplies.

Project Value \$6,600,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME KING TECHNICAL GROUP	(2) FIRM LOCATION <i>(City and State)</i> Salt lake City, UT	(3) ROLE Principal Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION <i>(City and State)</i> Nature's Herbs Office and Warehouse Orem, UT	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Nature's Herbs	b. POINT OF CONTACT NAME Stephen Wilding	c. POINT OF CONTACT TELEPHONE NUMBER 801-956-8893
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

This 40,000 sf facility which consists of 18,000 sf of warehousing and 22,000 sf of office and processing area is located in the Utah Valley Business Park, American Fork, Utah. The design requires accommodation of all processing equipment: sorting, encapsulation, packaging, laboratory, pharmacy as well as high rise warehouse space. The facility includes dust collection equipment for room and task locations. The building was designed to accommodate future expansion independently in all functional areas. The distribution center includes dock high service, dock levelers, safety devices and seals. Services include providing full site utility support, truck paving and circulation paving. The design incorporates state of the art "sustainable architecture" principles such as natural daylighting, energy conserving lighting and mechanical equipment as well as insulation systems and high performance glazing.

Project Value \$2,700,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME KING TECHNICAL GROUP	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Principal Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 8
21. TITLE AND LOCATION <i>(City and State)</i> Depot Production Support Facility Hill AFB, UT	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Sacramento District, COE	b. POINT OF CONTACT NAME Benson Thompson	c. POINT OF CONTACT TELEPHONE NUMBER 916-555-4343
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility includes full architectural services. The firm has been involved in a formal Partnering Process.

DPSF is a new 75,000 sf multi-use warehouse facility which incorporates a raw stock materials warehouse which includes a small equipment shop, a battery warehouse and a hazardous chemicals warehouse. An administration building is attached to these warehouses. The building is a one-story CMU structure with brick veneer. Clerestories provide natural light to the work areas in the warehouses. The roof system is a ballasted built-up roof on rigid insulation over a steel joist and deck structure.

The project is nearing completion. Located very close to adjacent facilities, the DPSF required extensive investigation and design of site utilities including relocation of storm drainage and overhead steam lines. The building is sited on a 9' structural fill with landscaping and concrete dock pads.

Project value \$3,950,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME KING TECHNICAL GROUP	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Principal Architect
b.	(1) FIRM NAME Barton Consulting Engineers	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Civil and Sanitary Engineers
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION <i>(City and State)</i> Vehicle Maintenance Shop Dugway Proving Grounds Dugway Proving Grounds, UT	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Sacramento District, COE	b. POINT OF CONTACT NAME Steve Hartman	c. POINT OF CONTACT TELEPHONE NUMBER 916-555-4349
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility included architectural design and contract documents.

The 9,000 sf Vehicle Maintenance shop is designed to provide adequate dispatch service and supporting maintenance facilities for 248 Non-Tactile Test and Range Vehicles operated from the Ditto technical area to support test operations around Ditto, Can and Baker area facilities and ranges. Firm involvement included several site changes as a result of discovering soil contamination. The integrity of the design was maintained through each resitting.

Project Value \$1,400,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME KING TECHNICAL GROUP	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Principal Architect
b.	(1) FIRM NAME Northside Consultants,	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Mechanical Engineer
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 10
21. TITLE AND LOCATION <i>(City and State)</i> Light Industrial Indefinite Quantity Contract Sacramento Corps of Engineers Area of Responsibility	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Sacramento District, COE	b. POINT OF CONTACT NAME Curt Curtis	c. POINT OF CONTACT TELEPHONE NUMBER 916-555-4341
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

The nature of the firm's responsibility included full architectural services, mechanical engineering, electrical engineering, structural engineering, civil engineering, hazardous materials and contract documents.

The King Technical Group was recently awarded this open-end contract for the Corps of Engineers. We are currently completing 100% submittal on the IFAST and Ridley projects at Edwards AFB. Work and services has consisted of the design for various types of light industrial facility/maintenance type facilities and was to include such projects as warehouse facilities, maintenance shops, and simple processing facilities. The projects were to be generally in the State of California, Arizona, Nevada and Utah and estimated construction cost per project ranges from \$1 million to \$10 million. King along with COE Sacramento and Edwards AFB staff have initiated a more efficient scoping process and design review process which involved two on-site charettes or workshops. This same process is proposed for on-board reviews and submittal reviews.

Current Value of this IDIQ is \$2,500,000.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME KING TECHNICAL GROUP	(2) FIRM LOCATION <i>(City and State)</i> Salt Lake City, UT	(3) ROLE Principle Architect
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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 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
Adrian Scully, FAIA	Principal-in-charge	X	X	X	X	X	X	X	X	X	X
Martin Hanks, AIA	Architect	X		X		X	X		X	X	X
Anthony White, ASLA	Landscape Architect	X			X		X		X		
George Wooten, IIDA	Interior Designer										
Ronald J. Henderson, P.E., C. S.E.	Project Manager - Structural Engineering	X	X		X						
Oscar Rambler, P.E.	Mechanical Engineer					X				X	
James R. Bucher, PhD, P.E.	Electrical Engineer										
Michael W. Geory	Project Engineer - Electrical										
Kenneth Raab, P.E.	Civil Engineer	X		X					X		
Thomas H. Green, P.E.	Principal/Civil Engineering		X								
Marlin C. Donaldson, P.E.	Principal in Charge/ Engineering Manager			X							
Gerald J. Kaitland	Fire Protection										
James C. Colton, CIH	Certified Industrial Hygienist										
William Conrad, CIH, CSP	Certified Industrial Hygienist										
David Brown	Certified Industrial Hygienist										
Jordan Adler, CPE	Cost Estimating										
Court Widby	Cost Estimating										
Lorraine Street	Principal/Owner Landscape Architect										
JoAnn Newman, P.E.	Program Manager, Environmental										
Sheila Allison, PhD, P.E.	Principal in Charge/ Environmental					X					

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Consolidated Maintenance Facility - Tooele	6	Alcohol Beverage Control Warehouse & Offices
2	Aviation Support Facility - Utah National Guard	7	Nature's Herbs Office and Warehouse
3	Fire Protection Upgrade-ADAL Fire/Crash Station	8	Depot Production Support Facility Hill AFB
4	Armory and Organizational Maintenance Shop	9	Vehicle Maintenance Shop Dugway Proving Grounds
5	IDIQ - Architect & Engineering Services - Dugway	10	Light Industrial IDIQ - Sacramento Corps of Engineers

H. ADDITIONAL INFORMATION

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

•A. METRIC EXPERIENCE

•King has designed a Caterpillar dealership (schematic and preliminary design) for Cheonan, Korea. The client required that the buildings be designed using metric dimensions and metric materials. The design accommodated metric pre-engineered steel systems as well as insulated wall and roof panels. Data sheets for process equipment included metric specifications. mechanical systems were accommodated as much as possible.

•B. COMPUTER/CADD EXPERIENCE

•The firm utilizes Autocad, Version 12 to prepare more accurate and better coordinated drawings. This system enhances consultant coordination, speed in production, and quality of contract documents. •We are accustomed to working with:

- ARMS
- M-CACES
- Integrph Microstation 32 version 4.4.0.23 compatibility
- SPECSINTACT

•C. QUALITY ASSURANCE/CONTROL

•All personnel listed will maintain their involvement throughout the project from fee negotiations to move in. All AE team firms are large enough to provide continued professional service coupled with principal and key personnel involvement in all phases of the work. All personnel are very experienced in designing similar projects as can be seen by reviewing the enclosed project lists and resume. Our philosophy of service is to include our clients in the design process before we begin. We have no canned solutions or preconceived ideas about a project. The user's and the COE's input will be evaluated in reference to the total project and the decisions on how to proceed will be mutually agreed upon. We believe that the user knows more about his facility than anyone. We intend to enhance that experience with our knowledge of local conditions, climate, seismic zones, building material availability and contractor capability.

•QUALITY ASSURANCE - CONSULTANT COORDINATION

•Quality Assurance is not only checking The documents of all disciplines at the conclusion of the final design phase. It includes:

- Early organization of the design team
- Involving the user (client) of the facility throughout the process
- Involving COE personnel during the design process
- Conducting early design charettes to g y g receive the benefit and ownership of all personnel involved.
- Establish and monitor building performance goals
- Value Engineering
- On Board reviews
- Concentrated review periods by personnel not assigned to the project.

•COST CONTROL

•Our approach to controlling the budget includes estimating utilizing in house personnel and cost data base and involving professional cost control consultants. All disciplines participate in early cost identification which establishes each system budget before design begins. Adjustments are made and the estimate is updated to current market conditions. We are experienced with M-CACES and no project we have completed for COE Sacramento has exceeded the Program Amount or our estimate.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE

32. DATE

33. NAME AND TITLE

Adrian Scully, FAIA, President

ARCHITECT-ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER *(If any)*

PART II - GENERAL QUALIFICATIONS

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

2a. FIRM (OR BRANCH OFFICE) NAME KING TECHNICAL GROUP			3. YEAR ESTABLISHED 1996	4. DUNS NUMBER
2b. STREET 2121 EAST STATE STREET SUITE 2121			5. OWNERSHIP	
2c. CITY Salt Lake City	2d. STATE UT	2e. ZIP CODE 88111	a. TYPE LLC	
6a. POINT OF CONTACT NAME AND TITLE Adrian Scully, FAIA, President			b. SMALL BUSINESS STATUS Small	
6b. TELEPHONE NUMBER 801- 555-9933		6c. E-MAIL ADDRESS ascully@kinggroup.com		
8a. FORMER FIRM NAME(S) <i>(If any)</i>			8b. YR. ESTABLISHED	8c. DUNS NUMBER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
02	Administrative	5	23			
06	Architect	22				
12	Civil Engineer		15			
15	Construction Inspector		3			
	Draftsmen	4	24			
19	Ecologist		1			
21	Electrical Engineer		4			
18	Cost Engineer/Estimator		8			
37	Interior Designer	3				
39	Landscape Architect	1				
42	Mechanical Engineer		3			
56	Specifications Writer		1			
57	Structural Engineer		14			
38	Land Surveyor		12			
60	Transportation Engineer		1			
	Architect Intern	7				
	Landscape Architect Intern	2				
25	Fire Protection Engineer		44			
	Uncoded Disciplines		4			
	* colum 2 is our subcontractors					
	Other Employees					
Total		44	157			

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER			
a. Federal Work	6	1. Less than \$100,000	6. \$2 million to less than \$5 million	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million
b. Non-Federal Work	6	2. \$100,00 to less than \$250,000	7. \$5 million to less than \$10 million	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million
c. Total Work	7	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million	9. \$25 million to less than \$50 million	10. \$50 million or greater
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million	10. \$50 million or greater		

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE	b. DATE
c. NAME AND TITLE Adrian Scully, FAIA, President	