



ATTACHMENT I – General Qualifications
**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729**

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

1. **Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE) NAME:	Core Engineering Group, PLLC
b. FIRM (OR BRANCH OFFICE) STREET:	200 East 16 th Street, Ste. 150
c. FIRM (OR BRANCH OFFICE) CITY:	Yuma
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85364
f. YEAR ESTABLISHED:	2004
(g1). OWNERSHIP - TYPE:	PLLC file as "S" Corporations
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	Yes
h. POINT OF CONTACT NAME AND TITLE:	Douglas J. Nicholls, PE, RLS
i. POINT OF CONTACT TELEPHONE NUMBER:	928-344-5931
j. POINT OF CONTACT E-MAIL ADDRESS:	dnicholls@core-e-g.com
k. NAME OF FIRM (If block 1a is a branch office):	n/a



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3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number (see below)
1	Airports; Terminals and Hangars; Freight Handling	1
10	Construction Surveying	2
1	Cost Estimating; cost Engineering and Analysis; Parametric Costing;	1
15	Gas Systems (Propane; Natural, Etc.)	1
8	Highways; Street; Airfield Paving; Parking Lots	3
2	Industrial Building; Manufacturing Plants	1
2	Traffic Studies	1
1	Water Supply	1
1	Public Safety Facilities	1
10	Storm Water Handling & Facilities	1
12	Solar Energy Utilization	1
20	Land Surveying	1
1	Outdoor Recreation	1

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|--|--|
| <ul style="list-style-type: none"> 1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 to less than \$500,000 4. \$500,000 to less than \$1 million 5. \$1 million to less than \$2 million | <ul style="list-style-type: none"> 6. \$2 million to less than \$5 million 7. \$5 million to less than \$10 million 8. \$10 million to less than \$25 million 9. \$25 million to less than \$50 million 10. \$50 million or greater |
|--|--|



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

a. NAME Douglas J. Nicholls, PE, RLS Core Engineering Group, PLLC	b. ROLE IN THIS CONTRACT Project Principal	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 10
d. LOCATION (City and State) Yuma, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BA Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS PE Civil Engineer in state of Arizona, California and New Mexico Registered Land Surveyor in state of Arizona	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) State President of Arizona Chapter of NSPE; Member of ASCE and ITE.			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) 16th Street & 4th Avenue Design Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) 2015 Projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As Project Principal, Core provides roadway design, utility coordination, specifications and Project manager for the reconstruction of the busiest intersection in Yuma County. Mr. Nicholls is project principal and project manager. Cost \$679,293.00	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Amelia Earhart Hanger Yuma International Airport, Yuma , Arizona	(2) YEAR COMPLETED	
		Professional Services On-Going	Construction (if applicable) 2015 Projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Core provided civil engineering and land surveying services for the multiple phase construction of the 22,500 square foot hanger with office space. Mr. Nicholls was project manager and lead civil engineer for this project. Cost \$8305.00	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Yuma Proving Ground Fire Station No. 2 Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2015 Projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Core provided civil engineering and land surveying services including construction staking for the 2-Bay fire station building at the US Army Yuma Proving Ground. Mr. Nicholls was project manager and lead civil engineer for this project. Cost \$ 9,341.00	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) Yuma Valley Area Park Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As project lead, Core provided civil engineering, land surveying and project management for the multi-use detention basin/park with 4 regulation size soccer fields, restrooms and playground. . Mr. Nicholls was project manager and lead civil engineer for this project. Cost \$172,785	<input checked="" type="checkbox"/> Check if project performed with current firm	



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	(1) TITLE AND LOCATION <i>(City and State)</i> I-10 Ehrenburg TI Reconstruction Ehrenburg, Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2014
5.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As Project principal, Core provided the Project Manager, roadway design, survey and utility coordination for the design of the roundabout at the westbound ramps and south frontage road. Mr. Nicholls is project principal and project manager Cost \$360,152.00	<input checked="" type="checkbox"/> Check if project performed with current firm	



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

b. NAME Kevin L. Burge PE Core Engineering Group, PLLC		b. ROLE IN THIS CONTRACT Engineer		c. YEARS EXPERIENCE	
				1. TOTAL 17	2. WITH CURRENT FIRM 1
d. LOCATION (City and State) Yuma, Arizona					
e. EDUCATION (DEGREE AND SPECIALIZATION) BA Civil Engineering			f. PROFESSIONAL TRAINING - REGISTRATIONS PE Civil Engineer in state of Arizona		
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)					

H. RELEVANT PROJECTS					
1.	(1) TITLE AND LOCATION (City and State) 16th Street & 4th Avenue Design Yuma, Arizona			(2) YEAR COMPLETED	
				Professional Services 2015	Construction (if applicable) 2015 Projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As Project Principal, Core provides roadway design, utility coordination, specifications and Project manager for the reconstruction of the busiest intersection in Yuma County. Mr. Burge is lead roadway designer and deputy project manager for this project. Cost \$679,293.00			<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Amelia Earhart Hanger Yuma International Airport, Yuma , Arizona			(2) YEAR COMPLETED	
				Professional Services On- going	Construction (if applicable) 2015 Projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Core provided civil engineering and land surveying services for the multiple phase construction of the 22,500 square foot hanger with office space. Mr. Burge is lead civil engineer for this project. Cost \$8305.00			<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) Yuma Proving Ground Fire Station No. 2 Yuma, Arizona			(2) YEAR COMPLETED	
				Professional Services 2014	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Core provided civil engineering and land surveying services including construction staking for the 2-Bay fire station building at the US Army Yuma Proving Ground. Mr. Burge was project engineer for this project. Cost \$ 9,341.00			<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) Yuma Valley Area Park Yuma, Arizona			(2) YEAR COMPLETED	
				Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As project lead, Core provided civil engineering, land surveying and project management for the multi-use detention basin/park with 4 regulation size soccer fields, restrooms and playground. Mr. Burge project engineer for this project. Cost \$172,785			<input checked="" type="checkbox"/>	Check if project performed with current firm



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	(1) TITLE AND LOCATION <i>(City and State)</i> I-10 Ehrenburg TI Reconstruction Ehrenburg, Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2014
5.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As Project principal, Core provided the Project Manager, roadway design, survey and utility coordination for the design of the roundabout at the westbound ramps and south frontage road. Mr. Burge was roadway engineer for this project. Cost \$360,152.00	<input checked="" type="checkbox"/> Check if project performed with current firm	



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c. NAME Tayllor S. Johnson, RLS Core Engineering Group, PLLC		b. ROLE IN THIS CONTRACT Surveyor Crew Chief		c. YEARS EXPERIENCE	
				1. TOTAL 16	2. WITH CURRENT FIRM 8
d. LOCATION (City and State) Yuma, Arizona					
e. EDUCATION (DEGREE AND SPECIALIZATION) AAS Surveying			f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Land Surveyor in state of Arizona, California and New Mexico		
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)					

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) 16th Street & 4th Avenue Design Yuma, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As Project principal, Core provides roadway design, utility coordination, specification and Project Manager for the reconstruction of the busiest intersection in Yuma County. Mr. Johnson was lead surveyor for this project. Cost \$679,293.00	Professional Services 2015	Construction (if applicable) 2015 Projected
		<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Amelia Earhart Hanger Yuma International Airport, Yuma , Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Core provided civil engineering and land surveying services for the multiple phase construction of the 22,500 square foot hanger with office space. Mr. Johnson was lead surveyor for this project. Cost \$8305.00	Professional Services On-going	Construction (if applicable) 2015 Projected
		<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Yuma Proving Ground Fire Station No. 2 Yuma, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Core provided civil engineering and land surveying services including construction staking for the 2-Bay fire station building at the US Army Yuma Proving Ground. Mr. Johnson was lead surveyor on this project. Cost \$ 9,341.00	Professional Services 2014	Construction (if applicable) 2015
		<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) Yuma Valley Area Park Yuma, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As project lead, Core provided civil engineering, land surveying and project management for the multi-use detention basin/park with 4 regulation size soccer fields, restrooms and playground. Mr. Johnson was lead surveyor for this project. Cost \$8305.00	Professional Services 2013	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	



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5.	(1) TITLE AND LOCATION <i>(City and State)</i> I-10 Ehrenburg TI Reconstruction Ehrenburg, Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As Project principal, Core provided the Project Manager, roadway design, survey and utility coordination for the design of the roundabout at the westbound ramps and south frontage road. Mr. Johnson was lead surveyor for this project Cost \$360,152.00		

Check if project performed with current firm



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

d. NAME John R. Sternitzke, PE Sternco Engineers Inc.	b. ROLE IN THIS CONTRACT Mechanical Engineer Electrical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 20
d. LOCATION (City and State) Yuma, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BA Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS PE Mechanical Engineer in state of Arizona, and California	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) QCxP Accreditation from the University of West Madison CxA Certification from AAC/AAB			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Yuma Valley Area Park Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Sternco provided the mechanical, electrical and architectural design for the multi-use detention basin/park with 4 regulation size soccer fields, restrooms and playground. Mr. Sternitzke was the lead mechanical engineer for this project. Cost \$35,000	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Western Refining Facility Improvements Maricopa County, Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2015 projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Initial project planning and land procurement through project design and construction documents. Site work for 2 contiguous parcels of 7.6 acres and design for 2 new Pre-Engineered metal buildings and TI for an existing shop building. Mr. Sternitzke was the lead mechanical engineer on this project. Cost \$35,000 est	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Amelia Earhart Hanger Yuma International Airport, Yuma , Arizona	(2) YEAR COMPLETED	
		Professional Services On-going	Construction (if applicable) 2015 projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE For Sternco is providing the project management, electrical, mechanical and architectural services for the multiple phase construction of the 22,500 square foot hanger with office space. Mr. Sternitzke is the project manager for this project. Cost \$30,000 est	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	



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

e. NAME Robert L. Campbell, PE, SE Robert Campbell Structural Engineers, Inc.	b. ROLE IN THIS CONTRACT Structural Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 13

d. LOCATION (City and State)
Yuma, Arizona

e. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering	f. PROFESSIONAL TRAINING - REGISTRATIONS Structural Engineer in State of Arizona and California Civil Engineer in the State of California
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g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Structural Engineering Association of California, Structural Engineers Association of Arizona, ASCE, American Concrete Institute, American Institute of Steel Construction, American Welding Society International Code Council

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Amelia Earhart Hanger Yuma International Airport, Yuma , Arizona	(2) YEAR COMPLETED	
		Professional Services On Going	Construction (if applicable) 2015 Projected
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE RCSE provided the structural engineering design for the multiphase construction of a 22,500 square foot airfield hangar with office space. Mr. Campbell was the lead structural engineer for this project. Cost: \$10,000 est	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Yuma Proving Ground Fire Station No. 2 Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE RSCE provided structural engineering services for the 2-Bay fire station building at the US Army Yuma Proving Ground. Mr. Campbell was the lead structural engineer on this project. Cost \$7500 est	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Yuma Valley Area Park Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Robert Campbell Structural Engineer provided the structural design for the multi-use detention basin/park with 4 regulation size soccer fields, restrooms and playground. Mr. Campbell was the lead structural engineer for this project Cost \$2820	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	



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

f. NAME Courtney M. Arviso, PE GTS, Inc.		b. ROLE IN THIS CONTRACT Geotechnical/Testing Engineer		c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 16		
d. LOCATION (City and State) Yuma, Arizona					
e. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering- Geotechnical/Testing Engineer			f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Civil Engineer in State of Arizona		
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) Special inspector for City of Yuma and Yuma County ACI certified in concrete testing; Certifications from Asphalt Institute, ACI, University of Colorado, University of Wisconsin, University of Florida; Bilingual in Spanish and English					

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Amelia Earhart Hanger Yuma International Airport, Yuma , Arizona	(2) YEAR COMPLETED	
		Professional Services On going	Construction (if applicable) Projected 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GTS provided the structural engineering design for the multiphase construction of a 22,500 square foot airfield hangar with office space. Mr. Arviso was the geotechnical engineer on this project. Cost \$ 1675	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Date Pac Waste Water Treatment Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project to provide an independent waste water treatment system for the date processing facilitates. Mr. Arviso was the geotechnical engineer on this project. Cost \$1600.00	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) Date Pac Lift Station Yuma, Arizona	(2) YEAR COMPLETED 2014	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provide lift station for effluent from date processing operation. Mr. Arviso was the geotechnical engineer on this project. Cost \$2000.00	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) Yuma Proving Ground Fire Station No.2 Yuma, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE GTS provided Geotechnical Investigation services for the 2-Bay fire station building at the US Army Yuma Proving Ground. ; Mr. Arviso was the geotechnical engineer on this project. Cost \$3500.00	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Amelia Earhart Hanger Yuma International Airport, Yuma , Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES On going	CONSTRUCTION <i>(If applicable)</i> Projected 2015

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Freeman Holdings	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT Not released by owner	e. TOTAL COST OF PROJECT Not complete
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project is a multi-phased development of a private aircraft hangar on a public airfield of Yuma International Airport. The first phase involved constructing the shell of the 22,500 square foot hangar structure. The design required structural analysis of a relocated metal structure and civil design to match a future apron project by the Yuma County Airport Authority. This phase also included a contractor and worked similar to a design-build arraignment.



The second phase is currently under design and is to build out the building and the site improvements. The original concepts have been value engineered to reduce capital expense. The fire suppression system concept was changed to a more economical system. The configuration of the site access from the roadway system was augmented to utilize an entrance from an adjacent hangar.

The project team includes Sternco Engineers, Inc. for the architectural, mechanical, fire suppression, and electrical design; Core for the land surveying, paving and grading, utilities and SWPPP engineering; RCSE for the structural design of the shell structure and internal improvements; and GTS for the geotechnical investigation and pavement design.



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

(Present no more than five (5) projects. Complete one Section 5 for each project.)

b. TITLE AND LOCATION <i>(City and State)</i> Yuma Proving Ground Fire Station No.2 Yuma, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> Projected 2015

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER United States Army Corps of Engineers	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$2,000,000	e. TOTAL COST OF PROJECT Not yet complete
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g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)



This design-build project was to provide a replacement fire station building for the failing building structure of the existing Fire Station No. 2 building on the U. S. Army Yuma Proving Ground. This fire station provides fire protection to the residents and businesses on the military installation. The existing structure is experiencing structural failure in the floor slab.

The new fire station structure is to be provided in a quick turnaround scenario. The 2-bay fire station will have minimal residential improvements to meet the fiscal constraints. The allocated funds also required extensive value engineering of the original concepts and unique approaches to make a functional station. The site is an existing parking lot that will retain most of the paving to minimize the paving costs. Utility connections, in particular electrical service, required extensive field investigation to optimize the points of connection.

The project team includes Core for the land surveying, paving and grading, utilities and SWPPP engineering; RCSE for the structural design of the structure and pipe crossing; and GTS for the geotechnical investigation and pavement design.





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

(Present no more than five (5) projects. Complete one Section 5 for each project.)

c. TITLE AND LOCATION <i>(City and State)</i> Yuma Valley Area Park Yuma, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Yuma	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$2,887,160	e. TOTAL COST OF PROJECT \$2,600,000 est
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h. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project was to develop a facility with multiple uses to address multiple municipal needs. The project site was originally design to hold a storm water detention basin with a lift station. The City also needed a regional park and lighted, regulation-size soccer fields. The detention basin was designed to provide an area to hold storm water for a low event and a higher area with soccer fields to meet the full storm water storage requirement. The 20-acre site includes 4 regulation-sized soccer fields, a restroom building, open play area, parking lot and provisions for a trail and ramadas.

The project development included the use of varying funding sources. There were two grants, a community build portion and City park and recreation funding. Permits were required from the Arizona Department of Environmental Quality, U. S. Bureau of Reclamation and Yuma County Water Users Association. The project design also had to accommodate the future project of reconstructing 24th Street immediately adjacent to the site and the future conversation of two soccer fields to domestic water storage tanks for the City water system.



The project team includes Core for the project management, land surveying, paving and grading, utilities and SWPPP engineering; Sternco Engineers, Inc. for the architectural, mechanical, and electrical design; RCSE for the structural design of the high mast lighting; and GTS for the geotechnical investigation and pavement design.



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Western Refining Facility Improvements Maricopa County, Arizona	b. YEAR COMPLETED PROFESSIONAL SERVICES 2014 CONSTRUCTION <i>(If applicable)</i> 2015 Projected	
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23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Western Refining Corp.	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$1,900,000	e. TOTAL COST OF PROJECT Not yet completed.
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i. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

The project involved the retrofit of an existing truck storage site to a petroleum distribution facility. The existing site had an ABC gravel parking area and existing structures with no storm water retention provisions. Some of the structures were to be demolished and new structures constructed.

The improvements included the development of new building, storm water retention system, paved parking area, utilities to the new buildings and landscaping. The parking area for the large tanker trucks required the analysis of parking damage during hot summer temperatures with heave trailer loads. The dry wells required protection from inundation during a fuel spill.

The project team includes Sternco Engineers, Inc. for the project management, architectural, mechanical, and electrical design; Core for the land surveying, paving and grading, utilities and SWPPP engineering; and RCSE for the structural design of the buildings.



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6. ADDITIONAL INFORMATION

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

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS \$1,019,757

a. Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	50%
b. Percentage of Total Work Attributable to Non-Government Work:	50%

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

Signature: 

Date: December 30, 2014

Name: Douglas J. Nicholls, PE, RLS

Title: Member/Owner