



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:	LEE HARBERS CONSULTING, PLLC
b. FIRM (OR BRANCH OFFICE) STREET:	8217 N. WANDA ROAD
c. FIRM (OR BRANCH OFFICE) CITY:	TUCSON
d. FIRM (OR BRANCH OFFICE) STATE:	ARIZONA
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85704
f. YEAR ESTABLISHED:	2011

(g1). OWNERSHIP - TYPE:	MEMBERSHIP - PLLC
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	SERVICE DISABLED SMALL BUSINESS

h. POINT OF CONTACT NAME AND TITLE:	LEE HARBERS
i. POINT OF CONTACT TELEPHONE NUMBER:	520-982-5246
j. POINT OF CONTACT E-MAIL ADDRESS:	leeharbers@gmail.com

k. NAME OF FIRM <i>(If block 1a is a branch office):</i>	
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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
PHOTOGRAMMETRIST	P	1	
LAND SURVEYOR	P	1	
Total		2	



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

a. NAME LEE HARBERS	b. ROLE IN THIS CONTRACT REGISTRANT MANAGER IN CHARGE	c. YEARS EXPERIENCE	
		1. TOTAL 44	2. WITH CURRENT FIRM 3
d. LOCATION (City and State) TUCSON, ARIZONA			
e. EDUCATION (DEGREE AND SPECIALIZATION) AA - MANAGEMENT		f. PROFESSIONAL TRAINING - REGISTRATIONS ARIZONA RLS 26401 CERT. PHOTOGRAMMETRST	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) ASPRS – REGION DIRECTOR, REGION PRESIDENT, NATIONAL DIRIECTOR APL REPRESENTATIVE TO AGIC APL INSTRUCTOR			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) ANNUAL SUBSIDENCE SURVEY AEPCo APACHE STATION POWER PLANT COCHISE, ARIZONA	(2) YEAR COMPLETED - 2013	
		Professional Services \$ 10,000	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CONDUCT GPS GEODETIC SURVEY SESSIONS AND EXTENSIVE OPTICAL LEVEL CURCUIITS TO ESTABLISH A RECORD OF HORIZONTAL AND VERTICAL CHANGES ON MORE THAN 100 MONUMENTS. SURVEY IS DONE ANNUALLY TO IDENTIFY SUBSIDENCE WITH MEASUREMENTS TO ACCURACIES OF +/- 0.002 FEET.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) SPLIT ROCK RANCH COCHISE COUNTY, ARIZONA	(2) YEAR COMPLETED - 2014	
		Professional Services \$ 4800.00	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SURVEY OF EXISTING JHUS CANYON ROAD ACROSS SPLIT ROCK RANCH AND TIE TO EXISTING BOUNDARY OF RANCH PROPERTY TO ESTABLISH EASEMENT/ROGHT OF WAY DESCRIPTION FOR ARIZONA GAME AND FISH DEPARTMENT.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) HILLTOP ROAD COCHISE COUNTY, ARIZONA	(2) YEAR COMPLETED - 2014	
		Professional Services \$ 6800.00	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE CENTERLINE SURVEY OF EXISTING HILLTOP ROAD WITH TIES TO PLSS MONUMENTS AND PREPARE LEGAL DESCRIPTIONS FOR ESTABLISHING RIGHT OF WAY FOR COCHISE COUNTY.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) RESIDENTIAL LOTS MARICOPA COUNTY	(2) YEAR COMPLETED - 2014	
		Professional Services \$ 8000.00	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE COMPLETION OF PHOTOGRAMMETRIC MAPPING AND ORTHOPHOTOGRAPHY PREPARATION FOR MULTIPLE RESIDENTIAL LOTS IN THE NORTHEAST PHOENIX/SCOTTSDALE AREA. PROJECTS COMPLETED FOR A PRIVATE ARIZONA RLS FIRM.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (City and State) STRONGHOLD/SLAVIN WASHES ST. DAVID, COCHISE COUNTY, ARIZONA	(2) YEAR COMPLETED - 2014	
		Professional Services \$ 25000.00	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ESTABLISH A NETWORK OF GEODETIC CONTROL, CONDUCT STRUCTURE SURVEYS OF DRAINAGE STRUCTURES ALONG HIGHWAY 80, AND COMPLETE DIGITAL TERRAIN MODELS AND 1-FOOT RESOLUTION ORTHOPHOTOGRAPHY OF THE APPROXIMATELY 14 SQURE MILE DRAINAGE AREA EAST OF ST. DAVID.	<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 (City and State) SPLIT ROCK RANCH – HILLTOP ROAD COCHISE COUNTY, ARIZONA	b. YEAR COMPLETED - 2014	
	PROFESSIONAL SERVICES \$ 8000.00	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER JOINT PARTICIPATION: ARIZONA GAME & FISH COCHISE COUNTY	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT SURVEY SERVICES: \$8000.00 TOTAL	e. TOTAL COST OF PROJECT
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
The original contract (by Arizona Game & Fish) called for field surveys of the Jhus Canyon Road that traversed the Split Rock Ranch private property. The roadway location was tied to PLSS corners to establish a legal description for its location. Additional services were requested to establish alternative routes for potential alignments through the private property for access to National Forest Lands.

Cochise County participated with additions to the contract to establish the location of Hilltop Road (a part of which traversed other portions of the Split Rock Ranch property) and to establish a definition of the Right-of-Way for the entirety of Hilltop Road.

Final drawings and legal descriptions for all alignments were prepared and recorded.



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a. TITLE AND LOCATION <i>(City and State)</i> GLEESON ROAD – OLD DIVIDE ROAD TOMBSTONE – BISBEE, ARIZONA	b. YEAR COMPLETED - 2013	
	PROFESSIONAL SERVICES \$ 29,000.00	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER COCHISE COUNTY	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT SURVEY AND MAPPING: \$ 29000.00	e. TOTAL COST OF PROJECT
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g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
Both roadway alignments required delivery of photogrammetric mapping to engineering standards for final design of roadway improvements.

Static GPS surveys were completed to establish the control networks for photogrammetric mapping. Control data was tied to the County's Height Modernization vertical control network and tied geodetically to known NGS points with current GPS values. Final photogrammetric mapping was delivered as digital terrain model datasets and 1-foot contour interval topography in both Arizona State Plane Coordinate System and the County's Low distortion Projection Coordinate System. All mapping data was accompanied with 0.25-foot resolution gray-scale orthophotography.



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a. TITLE AND LOCATION (City and State) STATE TRUST LANDS – BLM RIGHT-OF-WAY CORDES LAKES – TABLE MOUNTAIN AREAS MARICOPA-YAVAPIA COUNTIES, ARIZONA	b. YEAR COMPLETED - 2014	
	PROFESSIONAL SERVICES \$ 4500.00	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER RESOLUTION MANAGEMENT, LLC	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT SURVEY SERVICES: \$ 4500.00	e. TOTAL COST OF PROJECT
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h. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
Services included GPS surveys of the centerline of roadways (trails) across State Trust Lands in Section 30, T11N, R3E and Sections 10 & 11, T7N, R2E with ties to PLSS monumentation establishing Right-of-Way for the alignments in question. Final drawings and legal descriptions suitable for recording were delivered per contract requirements.



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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.)

Lee Harbers Consulting, PLLC is a Disabled-Veteran owned business providing truly professional surveying and photogrammetric mapping services. Mr. Harbers is recognized throughout the industry and especially within professional engineering and surveying services in Arizona for his 44 year career. He continues to serve both government and private sector with products and services using state-of-the-art technology and proven methods. He is a hands-on registrant recognizing the importance of high standards.

We look forward to continuation of our working relationship with the Arizona Game & Fish Department as we support their land-owner relations.

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

a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	80
b.	Percentage of Total Work Attributable to Non-Government Work:	20

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

Signature: Lee Harbers Date: DECEMBER 1, 2014



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Name: LEE HARBERS Title: MANAGING MEMBER