

**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

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

1. REVISED ADSPO13-00003465: Annual Request for Qualifications

a.	FIRM (OR BRANCH OFFICE) NAME:	JE Fuller/Hydrology and Geomorphology, Inc.
b.	FIRM (OR BRANCH OFFICE) STREET:	40 E. Helen Street
c.	FIRM (OR BRANCH OFFICE) CITY:	Tucson
d.	FIRM (OR BRANCH OFFICE) STATE:	Arizona
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85705
f.	YEAR ESTABLISHED:	1998
(g1).	OWNERSHIP - TYPE:	Corporation
(g2).	OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h.	POINT OF CONTACT NAME AND TITLE:	John Wallace, President
i.	POINT OF CONTACT TELEPHONE NUMBER:	520-623-3112
j.	POINT OF CONTACT E-MAIL ADDRESS:	john@jefuller.com
k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	JE Fuller/Hydrology and Geomorphology, Inc.

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4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section 4 for each key person.)

a. NAME John Wallace	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 15
c. FIRM NAME AND LOCATION (City and State) JE Fuller/Hydrology & Geomorphology, Inc., Tucson, Arizona			

e. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Civil Engineering, Univ. of Arizona Bachelor of Science, Business Admin. Univ. of Connecticut	f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Arizona, Engineer/Civil (22922) New Mexico, Engineer/Civil (21490)
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g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certified Floodplain Manager (CFM), Association of State Floodplain Managers Certificate US-08-03384
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H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Sendero Pass Existing Conditions Letter of Map Revision Pima County, Arizona	(2) Year Completed 2013	
		Professional Services Floodplain Studies	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 Mr. Wallace performed two-dimensional floodplain modeling for an approximately 40 square mile area to determine revised Zone A mapping for an approximately 1.5 square mile area southwest of Tucson, Arizona. The modeling included processing and development of DEM data, soils data, land use data, rainfall data and rainfall-runoff coefficients using the SCS Curve Number method. The project also included evaluation of floodplain impacts associated with development of the 1.5 square mile mapping area. The project resulted in a LOMR submittal to FEMA.		
2)	(1) TITLE AND LOCATION (City and State) State Route 86 Hydrologic Analysis Using FLO-2D Pima County, Arizona	(2) Year Completed 2012	
		Professional Services Hydrology	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 JEF prepared revised hydrology for the Arizona Department of Transportation (ADOT) for the referenced segment of State Route 86 (Ajo Road) in Pima County, Arizona. The project included hydrologic modeling using FLO-2D, a two-dimensional floodplain modeling software program. The work effort included modeling of an approximately 83 square mile area to determine design discharge information for design of cross-drainage along the project alignment by ADOT's design team. The project was performed by JEF for ADOT as a subconsultant to Baker Engineers.		
3)	(1) TITLE AND LOCATION (City and State) Valencia Road; Mountain Eagle Way to Mark Road Pima County, Arizona	(2) Year Completed 2013	
		Professional Services Hydrology, Floodplain Study, Roadway Drainage	Construction (if applicable)

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(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. Wallace was the project engineer for hydrologic and hydraulic modeling of flows and cross-drainage for the design of a four mile segment of Valencia Road. The project includes 2-dimensional hydrologic and hydraulic modeling using FLO-2D to evaluate drainage collection and concentration along this segment of Valencia Road where drainage patterns and flow crossings of the roadway are very poorly defined. The project also includes development and evaluation of alternatives for conveyance of runoff under the roadway where channel definition is very limited and the potential for placement of cross-drainage structures is very limited by relief along the project alignment. The project included preparation, submittal and approval by FEMA of a Conditional Letter of Map Revision (CLOMR) for the roadway project based on the FLO-2D modeling.	
(1) TITLE AND LOCATION <i>(City and State)</i> Richland Ranchettes Floodplain Study & Letter of Map Revision Cochise County, AZ	(2) Year Completed 2011 Professional Services Construction <i>(if applicable)</i> Dams
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm	
4) Mr. Wallace was the Project Manager/Engineer hydrologic and hydraulic analysis of 70 square miles of watersheds impacting an approximately 20 square mile area of approximate Zone A floodplain mapping in the Richland Ranchettes area north of Sunsites, Arizona on State Highway 191. The work effort included hydrologic modeling of offsite and onsite areas using two-dimensional floodplain modeling (FLO-2D). Hydrologic modeling was performed using USGS 10 meter DEM data, while hydraulic modeling of the 20 square mile Zone A area was performed at a higher level of resolution using topographic data (2' contours) prepared in 1998 by Cochise County. The study also included a geomorphic assessment component to evaluate the potential for alluvial fan activity in the study area. The results of the study were documented in a technical documentation notebook for submittal to FEMA.	
(1) TITLE AND LOCATION <i>(City and State)</i> Canada del Oro Wash Letter of Map Revision, Pinal County, Arizona	(2) Year Completed 2011 Professional Services Construction <i>(if applicable)</i> Floodplain Studies
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm	
5) Mr. Wallace was the project engineer for hydrologic and hydraulic modeling for revision of the existing flood insurance mapping for a 4.5 mile segment of the Canada del Oro (CDO) Wash near Saddlebrook, AZ. The project included base flood elevations and floodway mapping for the reach. The project also included floodplain and floodway mapping of a 2-mile segment of the Dodge Tank Wash and a 1.3-mile segment of the Saddlebrook Wash, both tributaries to the CDO Wash. The Saddlebrook Wash analysis included detailed HEC-1 hydrologic modeling of the upstream watershed which includes 20 detention/retention basins which were modeled in HEC-1. The project included preparation of a Technical Documentation Notebook submittal to FEMA and response to comments from FEMA.	

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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:	65
b.	Percentage of Total Work Attributable to Non-Government Work:	35

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

Signature:

Brian R. Iserman

Date:

12/11/13

Name:

Brian R. Iserman

Title:

vice president