

**RFQ# ADSP014-00003465, 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 ADSP013-00003465: Annual Request for Qualifications

| | | |
|----|-----------------------------------|----------------------------------------|
| a. | FIRM (OR BRANCH OFFICE) NAME: | Premier Engineering Corporation |
| b. | FIRM (OR BRANCH OFFICE) STREET: | 6437 W. Chandler Blvd, Suite 1 |
| c. | FIRM (OR BRANCH OFFICE) CITY: | Chandler |
| d. | FIRM (OR BRANCH OFFICE) STATE: | AZ |
| e. | FIRM (OR BRANCH OFFICE) ZIP CODE: | 85226 |
| f. | YEAR ESTABLISHED: | 1994 |

| | | |
|-------|------------------------------------|---------------|
| (g1). | OWNERSHIP - TYPE: | S Corporation |
| (g2) | OWNERSHIP - SMALL BUSINESS STATUS: | M/DBE |

| | | |
|----|------------------------------------|-------------------------------------|
| h. | POINT OF CONTACT NAME AND TITLE: | C.Gnanasambanthan, P.E. , President |
| i. | POINT OF CONTACT TELEPHONE NUMBER: | 480-829-6000 |
| j. | POINT OF CONTACT E-MAIL ADDRESS: | cg@pre-engr.com |

| | | |
|----|-------------------------------------------------------|--|
| k. | NAME OF FIRM <i>(If block 1a is a branch office):</i> | |
|----|-------------------------------------------------------|--|

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

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) |
|--------------------------------|-----------------------------------------------------------|-------------------------------------|
| 2 | Airports: Terminals & Hangars; Freight Handling (Runways) | 1 |
| 10 | Bridge Design; Bridges | 2 |
| 3 | Construction Management | 1 |
| 1 | Construction Surveying | 1 |
| 14 | Highways, Streets, Airfield Paving, Parking Lots | 4 |
| 21 | Irrigation; Drainage | 4 |
| 6 | Soils & Geologic Studies; Foundations | 1 |
| 17 | Structural Design; Special Structures | 2 |
| 13 | Surveying; Platting; Mapping; Floodplain Studies | 2 |
| 6 | Testing & Inspection Services | 1 |
| 13 | Topographic Surveying & Mapping | 2 |
| 14 | Transportation | 4 |
| | | |
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PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|-----------------------------------------|-------------------------------------------|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 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 |

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

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| a. NAME C. "CG" Gnanasambanthan, PE, SE | b. ROLE IN THIS CONTRACT Project Principal | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 30 | 2. WITH CURRENT FIRM 18 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) MS, Structural Engineering, 1985, Arizona State University BS, Civil Engineering, 1981, Indian Institute of Technology | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Civil-1988 #21686; Structural-1992 #26023) State of Nevada (Civil – 1995 #11617) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) CG is the President of Premier Engineering Corporation and has 30 years of extensive civil and structural engineering experience in the design of pavements, bridges, earth retaining structures and noise/retaining walls. A certified bridge inspector, CG has inspected more than 300 bridges throughout Arizona. He has served as Project Principal for the majority of public works projects completed by Premier and has full authority to commit the necessary resources for the successful completion of projects. | | | |

H. RELEVANT PROJECTS

| | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------|
| 1) | (1) TITLE AND LOCATION (City and State) ADOT On-Call Statewide and Local Government Project Design; Statewide, AZ | (2) Year Completed | |
| | | Professional Services 2010 | Construction (if applicable) n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal. Premier is currently serving as one of ADOT's Local Governments On-Call consultants, highlighting our continuous involvement in federally funded local projects. Premier has been awarded eight tasks to date, including widening 8 th Avenue in Graham County to a four-lane section, reconstruction of a three legged intersection at 8 th Avenue, Airport Road and Safford-Bryce Road with a roundabout; and the reconstruction of the existing Graham Canal Road "T" intersection. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 2) | (1) TITLE AND LOCATION (City and State) Camelback Road Pedestrian Underpass; Phoenix, AZ | (2) Year Completed | |
| | | Professional Services 2006 | Construction (if applicable) 2007 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal/Project Manager. Premier prepared a Design Concept Report and Environmental Determination Report for this highly visible and complex project in the most prestigious business neighborhood in Phoenix. After a preliminary evaluation of alternatives, the underpass option with an aesthetically enhanced plaza at each entrance was recommended. The City then requested that Premier complete the Final Design of the recommended alternative. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 3) | (1) TITLE AND LOCATION (City and State) Light Rail Transit (LRT) Park-and-Ride Facilities; Phoenix, Tempe and Mesa, AZ | (2) Year Completed | |
| | | Professional Services 2007 | Construction (if applicable) 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal/Project Manager. Premier, as the primary subconsultant, was responsible for the design of seven surface park-and-ride facilities as part of the 20-mile section of the Central Phoenix/East Valley Light Rail Transit System project. Four facilities are located in the City of Phoenix, two in the City of Tempe and one in the City of Mesa. A combined total of 3,348 standard, American Disabilities Act-compliant, and kiss-and-ride parking stalls were designed by maximizing the layout at each location. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 4) | (1) TITLE AND LOCATION (City and State) Deer Valley Road; 83rd Avenue to 91st Avenue; Peoria, AZ | (2) Year Completed | |
| | | Professional Services 2006 | Construction (if applicable) 2010 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal. Premier prepared a Design Condition Report (DCR) and PS&E for roadway and drainage improvements to Deer Valley Road between 83 rd and 91 st Avenues including intersection improvements at 83 rd Ave, bus pullouts/bay along Deer Valley Road and new streetlights for the entire stretch. The drainage analysis associated with the DCR required extensive research and development of alternatives to address and resolve the off-site flow concerns along the corridor. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 5) | (1) TITLE AND LOCATION (City and State) SR 303L: Waddell Road to Mountain View Boulevard (Segment 6); Surprise, AZ | (2) Year Completed | |
| | | Professional Services 2011 | Construction (if applicable) 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal. Premier prepared the PS&E for the 3.5-mile State Route (SR) 303L (Estrella Freeway) segment beginning at Waddell Road and ending at Mountain View Boulevard. The structural scope included design of a new two-span cast-in-place post-tensioned concrete box girder bridge at the Greenway Road TI. The total length and out-to-out width of this underpass structure are 280 feet and 149 feet respectively. In addition, Premier was also responsible for the final design of 487,000 square feet of retaining walls and sound walls along the project. <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.)

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| a. NAME Sam Malekooti, PE, RLS | b. ROLE IN THIS CONTRACT Lead Project Manager | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 29 | 2. WITH CURRENT FIRM 10 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) Graduate Studies Civil Engineering (Structural), 1983, Arizona State University BS, Civil Engineering, 1981, Arizona State University | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Civil-1987 #22106; RLS-1994 #27746) State of California (Civil – 1987 #C-042526) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Sam has 29 years of progressive civil engineering, survey and project management experience in design and field engineering of large private developments and public infrastructure projects. He has been responsible for the survey and design of numerous civil engineering projects including rural highways, urban roads, airport pavements, drainage structures, culverts, channels, floodways, retention/detention facilities, pump stations and storm drain systems. | | | |

H. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION (City and State) | (2) Year Completed | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|
| | | Professional Services | Construction (if applicable) |
| 1) | Camelback Road Pedestrian Underpass; Phoenix, AZ | 2006 | 2007 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer. Premier prepared a Design Concept Report and Environmental Determination Report for this highly visible and complex project in the most prestigious business neighborhood in Phoenix. After a preliminary evaluation of alternatives, the underpass option with an aesthetically enhanced plaza at each entrance was recommended. The City then requested that Premier complete the Final Design of the recommended alternative. | | |
| 2) | Phoenix Sky Harbor International Airport (PSHIA) Taxiway B8 Reconstruction Design Services; Phoenix, AZ | 2012 | 2012 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal. Premier was selected by the City to prepare construction documents for the removal and reconstruction of Taxiway B8 at PSHIA. The project was fast-tracked through design in order to coincide with a 21-day shutdown of Runway 8-26. Taxiway B8 is a taxiway connector located on the north airfield between Runway 8-26 and Taxiway B. Work associated with this project included full depth pavement removal, PCCP reconstruction, airfield lighting, and pavement markings. | | |
| 3) | Light Rail Transit (LRT) Park-and-Ride Facilities; Phoenix, Tempe and Mesa, AZ | 2007 | 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Assistant Project Manager. Premier, as the primary subconsultant, was responsible for the design of seven surface park-and-ride facilities as part of the 20-mile section of the Central Phoenix/East Valley Light Rail Transit System project. Four facilities are located in the City of Phoenix, two in the City of Tempe and one in the City of Mesa. A combined total of 3,348 standard, American Disabilities Act-compliant, and kiss-and-ride parking stalls were designed by maximizing the layout at each location. | | |
| 4) | VF-300 Secure Border Initiative; Yuma, AZ | 2008 | 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Principal. Project included the design of 25 miles of vehicle barriers to be constructed along the international border with Mexico in Yuma County, as well as 15 miles of rural access roads. Premier performed all survey services for the project and provided coordination with multiple agencies including: the Army Corps of Engineers, US Customs and Border Patrol, US Marine Corps, US Fish and Wildlife and the Cabeza Prieta National Wildlife Refuge. | | |
| 5) | SR 303L: Waddell Road to Mountain View Boulevard (Segment 6); Surprise, AZ | 2011 | 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Drainage Engineer. Premier prepared the PS&E for the 3.5-mile State Route (SR) 303L (Estrella Freeway) segment beginning at Waddell Road and ending at Mountain View Boulevard. The structural scope included design of a new two-span cast-in-place post-tensioned concrete box girder bridge at the Greenway Road TI. The total length and out-to-out width of this underpass structure are 280 feet and 149 feet respectively. In addition, Premier was also responsible for the final design of 487,000 square feet of retaining walls and sound walls along the project. | | |

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

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| a. NAME Fadi Jalaghi, PE, SE | b. ROLE IN THIS CONTRACT Project Manager & Lead Structural Engineer | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 28 | 2. WITH CURRENT FIRM 15 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) MS, Structural Engineering, 1985, University of Michigan, Ann Arbor BS, Civil Engineering, 1983, University of Michigan, Ann Arbor | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Civil-1990 #24338; Structural-1990 #24472) State of Nevada (Civil – 2000 #14357) State of Utah (Civil-2009 #7220288) State of New Mexico (Civil-1999 #14647 – inactive) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Fadi has 28 years of professional engineering experience in project management, design and construction of various types of bridges, special highway structures, earth retaining structures, sound walls and buildings. He has managed and coordinated a number of final bridge design and transportation related projects for the Arizona Department of Transportation, Maricopa County, Flood Control District of Maricopa County, City of Phoenix and other local agencies. He is a certified bridge inspector and has performed hundreds of visual and in-depth inspections on all types of bridges across the state. | | | |

H. RELEVANT PROJECTS

| | | | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------|
| 1) | (1) TITLE AND LOCATION (City and State) Camelback Road Pedestrian Underpass; Phoenix, AZ | (2) Year Completed | |
| | | Professional Services 2006 | Construction (if applicable) 2007 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager (Final Design)/Lead Structural Engineer. Premier prepared a Design Concept Report and Environmental Determination Report for this highly visible and complex project in the most prestigious business neighborhood in Phoenix. After a preliminary evaluation of alternatives, the underpass option with an aesthetically enhanced plaza at each entrance was recommended. The City then requested that Premier complete the Final Design of the recommended alternative. | | |
| 2) | (1) TITLE AND LOCATION (City and State) ADOT On-Call Statewide and Local Government Project Design; Statewide, AZ | (2) Year Completed | |
| | | Professional Services 2010 | Construction (if applicable) n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Premier is currently serving as one of ADOT's Local Governments On-Call consultants, highlighting our continuous involvement in federally funded local projects. Premier has been awarded eight tasks to date, including widening 8 th Avenue in Graham County to a four-lane section, reconstruction of a three legged intersection at 8 th Avenue, Airport Road and Safford-Bryce Road with a roundabout; and the reconstruction of the existing Graham Canal Road "T" intersection. | | |
| 3) | (1) TITLE AND LOCATION (City and State) Light Rail Transit (LRT) Park-and-Ride Facilities; Phoenix, Tempe and Mesa, AZ | (2) Year Completed | |
| | | Professional Services 2007 | Construction (if applicable) 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Design Engineer. Premier, as the primary subconsultant, was responsible for the design of seven surface park-and-ride facilities as part of the 20-mile section of the Central Phoenix/East Valley Light Rail Transit System project. Four facilities are located in the City of Phoenix, two in the City of Tempe and one in the City of Mesa. A combined total of 3,348 standard, American Disabilities Act-compliant, and kiss-and-ride parking stalls were designed by maximizing the layout at each location. | | |
| 4) | (1) TITLE AND LOCATION (City and State) 7th Street; Carefree Highway to Desert Hills; Maricopa County, AZ | (2) Year Completed | |
| | | Professional Services 2006 | Construction (if applicable) n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Structural Engineer. 7 th Street was improved to a minor arterial road with bicycle lanes, through lanes in each direction plus a continuous two-way turn lane without sidewalks. A Preliminary Design Technical Memorandum (PDTM), was prepared and based on the recommendations in the PDTM, Premier completed the design to 40%. Services included project management, survey, mapping, drainage, roadway traffic and structural design, right-of-way, utility relocation, and public involvement. | | |
| 5) | (1) TITLE AND LOCATION (City and State) SR 303L: Waddell Road to Mountain View Boulevard (Segment 6); Surprise, AZ | (2) Year Completed | |
| | | Professional Services 2011 | Construction (if applicable) 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Engineer. Premier prepared the PS&E for the 3.5-mile State Route (SR) 303L (Estrella Freeway) segment beginning at Waddell Road and ending at Mountain View Boulevard. The structural scope included design of a new two-span cast-in-place post-tensioned concrete box girder bridge at the Greenway Road TL. The total length and out-to-out width of this underpass structure are 280 feet and 149 feet respectively. In addition, Premier was also responsible for the final design of 487,000 square feet of retaining walls and sound walls along the project. | | |

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

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------|
| a. NAME Kim Boyd, PE | b. ROLE IN THIS CONTRACT Lead Roadway and Utility Coordinator | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 18 | 2. WITH CURRENT FIRM 10 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering, 1993, Northern Arizona University | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Civil-1998 #32837) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Kim has 18 years of experience in civil engineering design. She performs engineering, project administration and client coordination for a variety of projects including: roadways, parking lots, academic and park facilities, commercial and residential developments. Her technical expertise includes grading/drainage, erosion control, utility systems and pavement design, project specifications, site development, cost estimating and project bid and award assistance. Kim is particularly skilled in coordination of multiple disciplines, public and stakeholder involvement and project controls, including schedule and budget. She has a proven track record of successful delivery of a wide variety of projects. | | | |

H. RELEVANT PROJECTS

| | | | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------|
| 1) | (1) TITLE AND LOCATION (City and State) ADOT On-Call Statewide and Local Government Project Design; Statewide, AZ | (2) Year Completed | |
| | | Professional Services 2010 | Construction (if applicable) n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer. Premier is currently serving as one of ADOT's Local Governments On-Call consultants, highlighting our continuous involvement in federally funded local projects. Premier has been awarded eight tasks to date, including widening 8 th Avenue in Graham County to a four-lane section, reconstruction of a three legged intersection at 8 th Avenue, Airport Road and Safford-Bryce Road with a roundabout; and the reconstruction of the existing Graham Canal Road "T" intersection. | | |
| 2) | (1) TITLE AND LOCATION (City and State) Camelback Road Pedestrian Underpass; Phoenix, AZ | (2) Year Completed | |
| | | Professional Services 2006 | Construction (if applicable) 2007 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design Engineer. Premier prepared a Design Concept Report and Environmental Determination Report for this highly visible and complex project in the most prestigious business neighborhood in Phoenix. After a preliminary evaluation of alternatives, the underpass option with an aesthetically enhanced plaza at each entrance was recommended. The City then requested that Premier complete the Final Design of the recommended alternative. | | |
| 3) | (1) TITLE AND LOCATION (City and State) El Mirage Road: Northern to Cactus Design Services; El Mirage, AZ | (2) Year Completed | |
| | | Professional Services 2011 | Construction (if applicable) 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Roadway & Utility Coordinator. Premier provided final design services for El Mirage Road from Northern Avenue to Cactus Road. The project included intersection improvements at Olive Avenue, Peoria Avenue and Cactus Road. Northern Avenue intersection improvements will match the future Northern Parkway. The improvements for this 3-mile project included widening of the existing El Mirage Road to six lanes with a raised median. | | |
| 4) | (1) TITLE AND LOCATION (City and State) Light Rail Transit (LRT) Park-and-Ride Facilities; Phoenix, Tempe and Mesa, AZ | (2) Year Completed | |
| | | Professional Services 2007 | Construction (if applicable) 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Civil Engineer. Premier, as the primary subconsultant, was responsible for the design of seven surface park-and-ride facilities as part of the 20-mile section of the Central Phoenix/East Valley Light Rail Transit System project. Four facilities are located in the City of Phoenix, two in the City of Tempe and one in the City of Mesa. A combined total of 3,348 standard, American Disabilities Act-compliant, and kiss-and-ride parking stalls were designed by maximizing the layout at each location. | | |
| 5) | (1) TITLE AND LOCATION (City and State) SR 303L: Waddell Road to Mountain View Boulevard (Segment 6); Surprise, AZ | (2) Year Completed | |
| | | Professional Services 2011 | Construction (if applicable) 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Utility Coordinator. Premier prepared the PS&E for the 3.5-mile State Route (SR) 303L (Estrella Freeway) segment beginning at Waddell Road and ending at Mountain View Boulevard. The structural scope included design of a new two-span cast-in-place post-tensioned concrete box girder bridge at the Greenway Road TI. The total length and out-to-out width of this underpass structure are 280 feet and 149 feet respectively. In addition, Premier was also responsible for the final design of 487,000 square feet of retaining walls and sound walls along the project. | | |

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| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------|
| a. NAME Dan Voight, PE | b. ROLE IN THIS CONTRACT Lead Civil Engineer | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 10 | 2. WITH CURRENT FIRM 10 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering, 2002, Arizona State University | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Civil-2009 #50080) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Dan has 10 years of civil engineering experience in infrastructure and site improvement projects for public and private clients. His projects encompass freeway and roadway design, utility relocation, grading and drainage, stormwater management and parking lot designs for public agencies, academic facilities and residential and commercial developments. Dan has extensive knowledge in the use of AutoCAD, MicroStation, InRoads and Microsoft Office software. He also uses Flowmaster for drainage design. In addition, Dan has construction inspection experience with ADOT and is trained in structural steel inspection, concrete and asphalt sampling, testing and overall general inspection. | | | |

H. RELEVANT PROJECTS

| | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------|
| 1) | (1) TITLE AND LOCATION (City and State) Camelback Road Pedestrian Underpass; Phoenix, AZ | (2) Year Completed | |
| | | Professional Services 2006 | Construction (if applicable) 2007 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer. Premier prepared a Design Concept Report and Environmental Determination Report for this highly visible and complex project in the most prestigious business neighborhood in Phoenix. After a preliminary evaluation of alternatives, the underpass option with an aesthetically enhanced plaza at each entrance was recommended. The City then requested that Premier complete the Final Design of the recommended alternative. | | |
| 2) | (1) TITLE AND LOCATION (City and State) ADOT On-Call Statewide and Local Government Project Design; Statewide, AZ | (2) Year Completed | |
| | | Professional Services 2010 | Construction (if applicable) n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Civil Engineer. Premier is currently serving as one of ADOT's Local Governments On-Call consultants, highlighting our continuous involvement in federally funded local projects. Premier has been awarded eight tasks to date, including widening 8 th Avenue in Graham County to a four-lane section, reconstruction of a three legged intersection at 8 th Avenue, Airport Road and Safford-Bryce Road with a roundabout; and the reconstruction of the existing Graham Canal Road "T" intersection. | | |
| 3) | (1) TITLE AND LOCATION (City and State) Light Rail Transit (LRT) Park-and-Ride Facilities; Phoenix, Tempe and Mesa, AZ | (2) Year Completed | |
| | | Professional Services 2007 | Construction (if applicable) 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Designer. Premier, as the primary subconsultant, was responsible for the design of seven surface park-and-ride facilities as part of the 20-mile section of the Central Phoenix/East Valley Light Rail Transit System project. Four facilities are located in the City of Phoenix, two in the City of Tempe and one in the City of Mesa. A combined total of 3,348 standard, American Disabilities Act-compliant, and kiss-and-ride parking stalls were designed by maximizing the layout at each location. | | |
| 4) | (1) TITLE AND LOCATION (City and State) Phoenix Sky Harbor International Airport (PSHIA) Taxiway B8 Reconstruction Design Services; Phoenix, AZ | (2) Year Completed | |
| | | Professional Services 2012 | Construction (if applicable) 2012 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Premier was selected by the City to prepare construction documents for the removal and reconstruction of Taxiway B8 at PSHIA. The project was fast-tracked through design in order to coincide with a 21-day shutdown of Runway 8-26. Taxiway B8 is a taxiway connector located on the north airfield between Runway 8-26 and Taxiway B. Work associated with this project included full depth pavement removal, PCCP reconstruction, airfield lighting, and pavement markings. | | |
| 5) | (1) TITLE AND LOCATION (City and State) SR 303L: Waddell Road to Mountain View Boulevard (Segment 6); Surprise, AZ | (2) Year Completed | |
| | | Professional Services 2011 | Construction (if applicable) 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway Engineer. Premier prepared the PS&E for the 3.5-mile State Route (SR) 303L (Estrella Freeway) segment beginning at Waddell Road and ending at Mountain View Boulevard. The structural scope included design of a new two-span cast-in-place post-tensioned concrete box girder bridge at the Greenway Road TL. The total length and out-to-out width of this underpass structure are 280 feet and 149 feet respectively. In addition, Premier was also responsible for the final design of 487,000 square feet of retaining walls and sound walls along the project. | | |

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| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------|
| a. NAME Jesse Boyd, PE | b. ROLE IN THIS CONTRACT Roadway Engineer | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 14 | 2. WITH CURRENT FIRM 9 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) BS, Mechanical Engineering, 1999, University of Arizona | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Civil-2013 #pending; Survey-2005 #42937) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Jesse has 14 years of experience in engineering and land surveying with a primary emphasis on public works projects. The majority of his work has involved supervision of surveying and mapping for the design of transportation and site development projects such as freeways, roadways, bridges, schools and parking facilities. He has extensive experience in the staking of construction projects including numerous large-scale residential subdivisions, master-planned communities, commercial developments, underground utilities relocation, airport runway extensions and all phases of construction for widening of major arterials. | | | |

H. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION (City and State) | (2) Year Completed | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|
| | | Professional Services | Construction (if applicable) |
| 1) | Light Rail Transit (LRT) Park-and-Ride Facilities; Phoenix, Tempe and Mesa, AZ | 2007 | 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Project Manager. Premier, as the primary subconsultant, was responsible for the design of seven surface park-and-ride facilities as part of the 20-mile section of the Central Phoenix/East Valley Light Rail Transit System project. Four facilities are located in the City of Phoenix, two in the City of Tempe and one in the City of Mesa. A combined total of 3,348 standard, American Disabilities Act-compliant, and kiss-and-ride parking stalls were designed by maximizing the layout at each location. | | |
| 2) | ADOT On-Call Statewide and Local Government Project Design; Statewide, AZ | 2010 | n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Project Manager. Premier is currently serving as one of ADOT's Local Governments On-Call consultants, highlighting our continuous involvement in federally funded local projects. Premier has been awarded eight tasks to date, including widening 8 th Avenue in Graham County to a four-lane section, reconstruction of a three legged intersection at 8 th Avenue, Airport Road and Safford-Bryce Road with a roundabout; and the reconstruction of the existing Graham Canal Road "T" intersection. | | |
| 3) | El Mirage Road: Northern to Cactus Design Services; El Mirage, AZ | 2011 | 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Project Manager. Premier provided final design services for El Mirage Road from Northern Avenue to Cactus Road. The project included intersection improvements at Olive Avenue, Peoria Avenue and Cactus Road. Northern Avenue intersection improvements will match the future Northern Parkway. The improvements for this 3-mile project included widening of the existing El Mirage Road to six lanes with a raised median. | | |
| 4) | VF-300 Secure Border Initiative; Yuma, AZ | 2008 | 2008 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Project Manager. Project included the design of 25 miles of vehicle barriers to be constructed along the international border with Mexico in Yuma County, as well as 15 miles of rural access roads. Premier performed all survey services for the project and provided coordination with multiple agencies including: the Army Corps of Engineers, US Customs and Border Patrol, US Marine Corps, US Fish and Wildlife and the Cabeza Prieta National Wildlife Refuge. | | |
| 5) | SR 303L: Waddell Road to Mountain View Boulevard (Segment 6); Surprise, AZ | 2011 | 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor. Premier prepared the PS&E for the 3.5-mile State Route (SR) 303L (Estrella Freeway) segment beginning at Waddell Road and ending at Mountain View Boulevard. The structural scope included design of a new two-span cast-in-place post-tensioned concrete box girder bridge at the Greenway Road TI. The total length and out-to-out width of this underpass structure are 280 feet and 149 feet respectively. In addition, Premier was also responsible for the final design of 487,000 square feet of retaining walls and sound walls along the project. | | |

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

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

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| a. NAME Mark Luond, RLS, CFedS | b. ROLE IN THIS CONTRACT Land Surveyor | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 26 | 2. WITH CURRENT FIRM 3 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) BS, Forest Engineering, 1984, University of Washington | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Land Surveyor-2003 #39783) State of Washington (Land Surveyor-1996 #33124) State of Utah (Land Surveyor-2009 #7530524) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mark has 26 years of experience in land survey for both private and public projects. He has performed surveys for freeways, roadways, academic facilities, residential and commercial developments and cemeteries. Mark's technical capabilities include ALTA/ASCM Land Title Surveys, right-of-way and utility route surveys, construction surveys, topographic surveys, aerial target surveys, cemetery plats, condominium plats, control and boundary surveys, hydrographic surveys, elevation certificates, legal descriptions and subdivisions. | | | |

H. RELEVANT PROJECTS

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|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------|
| 1) | (1) TITLE AND LOCATION (City and State) Forest Highway 51: Tonto National Forest; Payson, AZ | (2) Year Completed | |
| | | Professional Services 2010 | Construction (if applicable) n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Project Manager. This bridge rehabilitation project is in eight rural locations along Forest Highway 51 near Payson. Mark coordinated with the private engineers, Federal Highway staff and Forest Service personnel to perform topographic and cross section surveys at the eight bridge sites. Permanent survey corners were established, performed cross section and bridge surveys and prepared reports and contour mapping. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 2) | (1) TITLE AND LOCATION (City and State) Phoenix Sky Harbor International Airport (PSHIA) Taxiway B8 Reconstruction Design Services; Phoenix, AZ | (2) Year Completed | |
| | | Professional Services 2012 | Construction (if applicable) 2012 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Project Manager. Premier was selected by the City to prepare construction documents for the removal and reconstruction of Taxiway B8 at PSHIA. The project was fast-tracked through design in order to coincide with a 21-day shutdown of Runway 8-26. Taxiway B8 is a taxiway connector located on the north airfield between Runway 8-26 and Taxiway B. Work associated with this project included full depth pavement removal, PCCP reconstruction, airfield lighting, and pavement markings. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 3) | (1) TITLE AND LOCATION (City and State) 75th Avenue and Thunderbird Road Intersection Widening; Peoria, AZ | (2) Year Completed | |
| | | Professional Services 2010 | Construction (if applicable) 2011 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor. This project is located at the 75 th Avenue and Thunderbird Road intersection and extends one quarter mile in all four directions. Premier provided survey services, including records research, preliminary and right-of-way mapping, topographic/route survey plat, legal descriptions and Records of Survey for acquired lands. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 4) | (1) TITLE AND LOCATION (City and State) Honeycutt Road Design Improvements; City of Maricopa, AZ | (2) Year Completed | |
| | | Professional Services 2010 | Construction (if applicable) n/a |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Project Manager. Premier performed all survey related tasks in support of the design of half-street improvements for Honeycutt Road between Porter and White and Parker Road, as well as adjacent streets. Topographic survey was performed for 1.5 miles of arterial streets. Electronic files were prepared, including topographic survey and existing right-of-way CADD files and digital terrain models. Discrepancies in property and right-of-way documentation were encountered and resolved. <input checked="" type="checkbox"/> Check if project performed with current firm | | |
| 5) | (1) TITLE AND LOCATION (City and State) SR 303L: Waddell Road to Mountain View Boulevard (Segment 6); Surprise, AZ | (2) Year Completed | |
| | | Professional Services 2011 | Construction (if applicable) 2013 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Surveyor. Premier prepared the PS&E for the 3.5-mile State Route (SR) 303L (Estrella Freeway) segment beginning at Waddell Road and ending at Mountain View Boulevard. The structural scope included design of a new two-span cast-in-place post-tensioned concrete box girder bridge at the Greenway Road TI. The total length and out-to-out width of this underpass structure are 280 feet and 149 feet respectively. In addition, Premier was also responsible for the final design of 487,000 square feet of retaining walls and sound walls along the project. <input checked="" type="checkbox"/> Check if project performed with current firm | | |

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

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

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| a. NAME Shameem Dewan, PhD, PE | b. ROLE IN THIS CONTRACT Geotechnical Engineer | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 16 | 2. WITH CURRENT FIRM 1 |
| d. FIRM NAME AND LOCATION (City and State) Premier Engineering Corporation, Chandler, AZ | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) -PhD, Civil Engineering, 2002, Texas A&M University -MS, Civil Engineering, 1998, University of Nevada -MS, Civil Engineering, 1995, Bangladesh University of Engineering and Technology -BS, Civil Engineering, 1992, Bangladesh University of Engineering and Technology | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) State of Arizona (Civil-2004 #41051) State of California (Civil-2010 #C76943) State of Nevada (Civil-2009 #20422) | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Shameem has a PhD and two Master's Degrees in Civil Engineering and has 16 years of professional experience. Shameem spent the earlier stages of his career as an educator teaching geotechnical courses at Bangladesh University of Engineering and Technology followed by more than a decade as a practicing geotechnical engineer in the Phoenix Metro Area. His strengths include geotechnical evaluations for buildings, bridges, roadways, taxiways and runways; pavement design and management; construction material testing/inspection ; and construction monitoring and compliance. | | | |

H. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION (City and State) | (2) Year Completed | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------|
| | | Professional Services | Construction (if applicable) |
| 1) | Sonoran Boulevard Roadway and Bridges; Phoenix, AZ | | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer. The 6.89-mile project begins at 15 th Avenue and terminates at Cave Creek Road. Premier was the Lead Consultant for Preliminary Design Services for the entire length of the project and Final Design Services for the 2.4 mile Central Segment. The scope included survey, right-of-way maps, hydrological and hydraulic analysis, culverts and storm drain system design, floodplain/floodway analysis, CLOMR/LOMR application and permitting, environmental/archeological investigation, Section 404 analysis, landscape, geotechnical explorations and post design services. | | |
| | Check if project performed with current firm <input checked="" type="checkbox"/> | | |
| 2) | Phoenix Sky Harbor International Airport, East Runway Safety Area Extension at Salt River; Phoenix, AZ | | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Project Manager/Engineer. Provided geotechnical services for the engineering evaluation of the proposed extension of the runway safety area. The project included extension of the safety area into the Salt River. The geotechnical work included a subsurface investigation of the existing river bed, existing unpaved graded area for modification and construction of NAVAIDS, and conditions of the existing and proposed soil-cement slope protection. | | |
| | Check if project performed with current firm <input type="checkbox"/> | | |
| 3) | Phoenix Sky Harbor International Airport, West Hold Bay Reconstruction Phase II; Phoenix, AZ | | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Project Manager/Engineer. Completed a geotechnical exploration program and pavement design services for the proposed reconstruction of the West Hold Bay Phase II. The West Hold Bay Phase II area is the western part of the two phases of the West Hold Bay. The Phase II area currently includes deteriorated asphalt pavements and will be reconstructed with three different pavement systems - 30,000 square yards of PCCP, 21,200 square yards of mill and replace, and 4,000 square yards of asphalt concrete (AC) pavement system. | | |
| | Check if project performed with current firm <input type="checkbox"/> | | |
| 4) | Rio Salado Commerce Park; Phoenix, AZ | | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer. Completed a review of site conditions, observation of site work including grading, stabilization, backfill placement and verification testing for geotechnical stabilization program for the site. The purpose of the geotechnical stabilization program was to document and evaluate the effect of stabilization of on-site debris fill to develop the site as a commercial property. | | |
| | Check if project performed with current firm <input type="checkbox"/> | | |
| 5) | Reach 11 Recreation Area; Phoenix, AZ | | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Geotechnical Engineer. A geotechnical exploration was conducted to provide evaluations for the construction of the project site features including soccer fields, stadium seating, announcer booth, maintenance and concession buildings, roadways and parking lots, and pedestrian walk ways. Test pits were also completed for borrow source evaluation and geotechnical evaluations (slope stability and seepage analysis) related to Deer Valley Road realignment and dam relocation. | | |
| | Check if project performed with current firm <input type="checkbox"/> | | |

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

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| 5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i> | |
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| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------|
| a. TITLE AND LOCATION <i>(City and State)</i> ADOT On-Call Statewide and Local Government Project Design; <i>Statewide, AZ</i> | b. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES 2010</td> <td style="width:50%;">CONSTRUCTION <i>(If applicable)</i> n/a</td> </tr> </table> | PROFESSIONAL SERVICES 2010 | CONSTRUCTION <i>(If applicable)</i> n/a |
| PROFESSIONAL SERVICES 2010 | CONSTRUCTION <i>(If applicable)</i> n/a | | |

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| 23. PROJECT OWNER'S INFORMATION | | |
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|--------------------------------------------------------------|-------------------------------------------|----------------------------------------|
| c. PROJECT OWNER Arizona Department of Transportation | d. DOLLAR AMOUNT OF PROJECT varies | e. TOTAL COST OF PROJECT varies |
|--------------------------------------------------------------|-------------------------------------------|----------------------------------------|

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Premier has completed on-call tasks in various technical disciplines for ADOT which include State & Local Governments, Construction District Minor, Bridge and Drainage and Bridge Inspection. Expertise and knowledge of the federal funding process and our relationships with the local cities were crucial in us getting selected as a Local Government on-call consultant.

Our Task Orders include:

- Fain Road Widening
- New River Trail: Northern Avenue to Olive Avenue
- City of Show Low Whipple Road Reconstruction
- Graham County: 8th Avenue, Airport Road, Safford-Bryce Intersection
- Burnt Well and Ehrenberg Rest Area Rehabilitation
- Lake Havasu Avenue Reconstruction
- Salt River Canyon Rest Area Rehabilitation



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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) Camelback Road Pedestrian Underpass; Phoenix, AZ | b. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2006 | CONSTRUCTION (If applicable) 2007 |

23. PROJECT OWNER'S INFORMATION

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|-------------------------------------|-----------------------------|----------------------------------|
| c. PROJECT OWNER City of Phoenix | d. DOLLAR AMOUNT OF PROJECT | e. TOTAL COST OF PROJECT \$6M |
|-------------------------------------|-----------------------------|----------------------------------|

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Premier was retained by the City of Phoenix to prepare a Design Concept Report and Environmental Determination Report for this highly visible and complex project in the most prestigious business neighborhood in Phoenix. After preliminary evaluation of alternatives, the underpass option with an aesthetically enhanced plaza at each entrance was recommended. The City then requested that Premier complete the final design of the recommended alternative.



The entire roadway segment from 24th to 26th Streets was geometrically revised in order to design the underpass as a shallow crossing. The vertical profile of Camelback Road was raised by about six feet at the underpass location and matched to the existing grades just east and west of the 24th and 26th Street intersections, respectively. The horizontal alignment of the roadway was significantly changed to create additional plaza area on the south side of Camelback Road.

The complex structural design incorporated unique architectural and aesthetic features. Drainage design included analyzing off-site contributing runoff using HEC-1 and storm drain reconstruction in order to lower the existing storm drain to pass under the new pedestrian underpass. Utility relocation (including fiber optic duct banks) and construction sequencing in one of the busiest sections of Phoenix made the underpass design very challenging. Due to the complexity of the project, Premier conducted numerous design workshops and public meetings.

The Camelback Road Pedestrian Underpass Project has won **10** local and national awards to date.

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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> Phoenix Sky Harbor International Airport, Taxiway B8 Reconstruction <i>Phoenix, AZ</i> | b. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2012 | CONSTRUCTION <i>(If applicable)</i> 2013 |

23. PROJECT OWNER'S INFORMATION

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|-----------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------|
| c. PROJECT OWNER Phoenix Sky Harbor International Airport City of Phoenix Aviation Department | d. DOLLAR AMOUNT OF PROJECT | e. TOTAL COST OF PROJECT \$2.5M |
|-----------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------|

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

Premier was selected by the City of Phoenix to design and prepare construction documents for the removal and reconstruction of Taxiway B8 at Phoenix Sky Harbor International Airport. This project, which was a component of the \$10.6 million North Runway Project, was fast-tracked through design in order to coincide with a 21-day shutdown of Runway 8-26.



The Portland Cement Concrete Pavement (PCCP) on Taxiway B8 had deteriorated due to age as well as a developing issue of Alkali-Silica Reaction (ASR). Given the potential cracking and Foreign Object Debris (FOD) issues that would be encountered in the future due to the ASR condition, the City elected to fully reconstruct the taxiway connector. Taxiway B8 is a taxiway connector located on the north airfield between Runway 8-26 and Taxiway B. Work associated with this project included full depth pavement removal, PCCP reconstruction, airfield lighting, FAA status lighting, pavement grooving, and pavement markings.

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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> VF-300 Secure Border Initiative; Yuma AZ | b. YEAR COMPLETED | |
| | PROFESSIONAL SERVICES 2008 (survey only) | CONSTRUCTION <i>(If applicable)</i> 2008 |

23. PROJECT OWNER'S INFORMATION

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|------------------------------------------------------------------|-----------------------------|-----------------------------------------|
| c. PROJECT OWNER US Army Corps of Engineers – (Fort Worth) | d. DOLLAR AMOUNT OF PROJECT | e. TOTAL COST OF PROJECT \$40M (est) |
|------------------------------------------------------------------|-----------------------------|-----------------------------------------|

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project included design of approximately 25 miles of vehicle barriers to be constructed along the international border with Mexico in Yuma County, as well as an additional 15 miles of construction access roads. Premier performed all survey services for the project, including establishment of horizontal and vertical control, placement and measurement of aerial mapping control, supplemental topographic survey, determination/measurement of the international boundary, and Public Land Survey system section surveys. Coordination with multiple agencies was necessary, including the Corps of Engineers, U.S. Customs and Border Patrol, U.S. Marine Corps, U.S. Fish & Wildlife, and the Cabeza Prieta National Wildlife Refuge.



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| 5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i> | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

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|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------|--|------|
| a. TITLE AND LOCATION <i>(City and State)</i> Light Rail Transit (LRT) Park-and-Ride Facilities; Central & East Valley, AZ | b. YEAR COMPLETED <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">PROFESSIONAL SERVICES</td> <td style="width:50%;">CONSTRUCTION <i>(If applicable)</i></td> </tr> <tr> <td></td> <td align="center">2008</td> </tr> </table> | PROFESSIONAL SERVICES | CONSTRUCTION <i>(If applicable)</i> | | 2008 |
| PROFESSIONAL SERVICES | CONSTRUCTION <i>(If applicable)</i> | | | | |
| | 2008 | | | | |

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|----------------------------------------|--|--|
| 23. PROJECT OWNER'S INFORMATION | | |
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| c. PROJECT OWNER Valley Metro | d. DOLLAR AMOUNT OF PROJECT varies | e. TOTAL COST OF PROJECT \$21M |
|----------------------------------|---------------------------------------|-----------------------------------|

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Premier, as the primary sub-consultant, was responsible for the design of seven surface park-and-ride facilities as part of the initial 20-mile section of the Central Phoenix/East Valley Light Rail Transit System project. Four facilities are located in the City of Phoenix, two in the City of Tempe and one in the City of Mesa. A combined total of 3,348 standard, American Disabilities Act-compliant, and kiss-and-ride parking stalls were designed by maximizing the layout at each location.



The scope of services included site planning, horizontal control and paving design, access roadway modifications, grading and drainage design, on-site retention facilities, structural design (site walls), traffic circulation studies, basis of design reports, drainage reports, lighting, land survey (pre-design and construction staking), and landscaping. Additional site amenities provided included security buildings (select sites), benches, trash receptacles, drinking fountains, bike racks/lockers, CCTV security cameras and motorcycle parking. Close project coordination was required with the Cities of Phoenix, Tempe, and Mesa, in addition to all line section designers, station architects and transit center designers. Analysis of field survey data was performed to compare and provide conversions between the Valley Metro control network and local municipality systems, including benchmark equations. Premier was also responsible for leading the efforts in the approval and permitting processes of all the appropriate municipalities and project stakeholders.

6. ADDITIONAL INFORMATION

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

Firm Overview

Premier Engineering Corporation (Premier) was founded in 1995, and over the course of nearly two decades has grown to be one of the most well respected consulting engineering firms in the valley. Premier is a multi-disciplinary local M/DBE firm with in-house capabilities to perform aviation, transportation, transit, general civil, structural, water resources engineering, land survey and construction management projects for federal, state and local government agencies. In addition to these services, we have recently added geotechnical engineering and materials testing to our firm capabilities.

Although our staff has grown to include a number of excellent project managers, Premier's principals continue to play key roles as both project and quality control managers assuring that our clients receive optimal products. We have earned the confidence of our clients over the years due to our employees' passion, integrity, and responsiveness. Our goal is to solve your program and project challenges with our unmatched level of enthusiasm and commitment to high-quality service within the required budgetary and schedule requirements.

SERVICES

Premier's professional staff develops cost-effective solutions that are functional, efficient and focused on exceeding client expectations. We have the capability and experience to provide the following services:

- **Aviation**
- **Construction Management**
- **Federal Programs**
- **Geotechnical Engineering**
- **Land Development**
- **Structural**
- **Survey/GIS**
- **Transportation**
- **Water Resources Engineering**

Aviation

Premier's Aviation professionals provide engineering services for airports ranging from large air carrier airport (Phoenix Sky Harbor International Airport) to general aviation airports (Phoenix Goodyear Airport). Our accomplished staff offers extensive experience in all phases of aviation design including project management, preliminary design concepts and final design. Premier's in-house capabilities include the resources to complete the following tasks:

- *Airfield Layout & Design*
- *Terminal Apron Design*
- *Remain Overnight (RON) Apron Design*
- *Perimeter/Service Road Design*
- *Security Fencing Design*
- *Airfield Grading and Drainage Design*
- *Utility Design and Relocation*
- *Landside Development*
- *Construction Administration*

Construction Management

Premier provides quality construction management services to help our clients in managing the construction process. Our professional staff monitors construction activities to ensure compliance with contract documents, coordinate site activities, and review change orders on behalf of our clients. Additional Construction Management services include:

- *Schedule and Budget Evaluations*
- *Value Engineering*
- *Constructability Reviews*
- *Cost Estimate Accuracy Checks*
- *Monitoring and Coordinating Daily*
- *Construction Activities*

Federal Programs

Premier's Federal Programs professionals integrate the technical disciplines for our federal clients, tailored to the specified need of each agency. Services include program management, project management, technical staffing and the services provided in each of Premier's departments such as construction management, site civil design, structural and water resources engineering. Our ability to satisfy and exceed client expectations originates in a collaborative culture supported by the entire team. Premier is uniquely qualified to provide services to our Federal Clients with the following staff credentials:

- *Design by LEED[®] Accredited Professionals*
- *Survey Support by Certified Federal Surveyor*
- *Project Management by PMI[®] Credentialed PMP*

Geotechnical

Premier's Geotechnical staff provides geotechnical engineering, material testing, and inspection services for buildings, bridges, roadways, runways/taxiways, utilities, waterways and landfill projects. Our in-house staff offers expertise with specialized geotechnical and material testing services in addition to traditional geotechnical analysis and design projects. These specialized services include work related to landfills, non-destructive testing, and construction monitoring services. Premier's geotechnical services include (we are in the process of setting up our lab):

- *Geotechnical Subsurface Investigation*
- *Geophysical Exploration*
- *Quality Control Testing and Inspection*
- *Pavement Design and Management*
- *Landfill Design, Liner Testing and Inspection*
- *Landfill Pre- and Post-Closure Compliance*
- *Stabilization of Construction Debris Dump Site*
- *Non-Destructive Integrity Testing of Drilled Shafts*
- *Construction Vibration and Settlement Monitoring*
- *Phase I and Phase II Environmental Site Assessment*
- *Geotechnical and Geo-Environmental Remediation*
- *Earth Retaining Structures*

Land Development

Premier's Land Development professionals provide functional, efficient, and cost-effective site development solutions using sustainable design practices. Our LEED® accredited engineers transform land into viable projects, creating a responsible fit between physical site constraints, public expectations, fiscal requirements, and environmental considerations. Our staff has the experience and capabilities to develop commercial/industrial sites, residential/commercial subdivisions, educational facilities (K-12 schools, community colleges and universities), hospitals/medical centers, churches/worship centers, golf courses and public parks, apartment complexes, and pedestrian and bicycle facilities. Services include:

- *Site Demolition*
- *Site Planning*
- *Grading and Drainage*
- *Paving and Horizontal Control*
- *Design Reports*
- *Quantity and Cost Estimates*
- *Special Provisions*
- *Bidding Assistance*
- *Post-Design Services*
- *Storm Water Pollution Prevention Plans (SWPPP)*

Structural

Premier's Structural staff provides planning and engineering services for bridges, retaining and sound walls, pump stations, and drainage structures. Our professionals offer extensive experience in all phases of structural projects, including project management, studies, concept and structure selection reports, final design and inspections. Premier's bridge expertise encompasses the entire spectrum from bridge concepts to final design and construction administration and from bridge inspection to repair designs. We also provide design of other transportation related structures. Services include:

- *Bridge and Wall Type Selection Studies*
- *Bridge Design (Traffic, Railroad, Bicycle and Pedestrian)*
- *Bridge Inspection Services*
- *Pump Station/Drainage Structure Design*
- *Retaining/Noise/Combination Wall Design*
- *Special Box Culverts and Junction Structures*
- *Miscellaneous Structures*

Survey/GIS

Premier's Survey staff provides a wide range of land surveying services to both private and public clients. Our fully-equipped survey crews, using Global Positioning System (GPS) technology and a total dedication to quality and service, meet all our clients' land surveying needs. Our survey professionals provide services in the following areas/disciplines:

- *Construction Staking*
- *ALTA/ACSM Surveys*
- *Boundary Surveys*
- *Right-of-Way Mapping*
- *Topographic Surveys*
- *Aerial Mapping Control*
- *Base Map Preparation*
- *Cadastral Surveys*
- *Utility Records Research and Mapping*
- *Final Platting*
- *Preparation of Legal Descriptions*
- *Exhibits for Right-of-Way/Easement Dedication*
- *Geographic Information Systems (GIS)*
- *Building Information Modeling/Management (BIM)*

Transportation

Premier's Transportation professionals provide planning and engineering services for roadway and major streets, freeways and transit projects. Our accomplished staff offers extensive experience in all phases of transportation projects, including project management, studies, planning, preliminary design concepts and final design. We strive to provide innovative and cost-effective solutions for the transportation needs of our clients. Premier's in-house capabilities include the resources to complete the following tasks:

- *Corridor/Route Studies*
- *Design Concept Reports*
- *Freeway/Highway Design*
- *Arterial/Street Design*
- *Right-of-Way Analysis and Planning*
- *Utility Design and Relocation*
- *Transit Related Facilities Design*

Water Resources

Premier's dedicated staff of engineers and hydrologists is well qualified to evaluate and project all levels of water resources needs/demands and provide innovative buildable project solutions. Our professionals will guide your project through the protection and management of water resources as they flow and move through the various natural and man-made conduits and collection systems to the treatment plants and distribution systems necessary for your project. Premier's water resources capabilities include:

- *Master Drainage Studies*
- *Floodplain Delineation and Studies*
- *Hydrologic/Hydraulic/Sediment Transport Analyses and Modeling*
- *Pavement Drainage Design*
- *Storm Drain Studies and Design*
- *Retention/Detention Basin Facility Design*
- *Water Distribution System Analysis and Design*
- *Bridge/Culvert Hydraulics and River Mechanics*
- *401/404 Permits*
- *Due Diligence Studies*
- *Flood Insurance Rate Maps and Studies*
- *Regional Flood Control Planning/ Design*
- *FEMA Letters of Map Revision (LOMR)*
- *Water Resources Planning and Asset Management*
- *Watershed Management/Wetlands*
- *Stream Stabilization/Restoration*
- *Scour Evaluation and Erosion Control*
- *Dams and Levees*

Quality Assurance/Quality Control (QA/QC)

Premier's quality management plan establishes a continuous process to ensure quality on a firm-wide basis and at a project-specific level. Premier has developed and adopted a global QA/QC plan that outlines separate procedures for the various tasks typically associated with engineering studies, design work and preparation of construction documents. Prior to client submittal, the QC package containing all pertinent documents is reviewed by the Project Manager and the QA/QC Officer identified for that project. This audit confirms that Premier's QA/QC plan has been followed in preparation of the reports and the Plans, Specifications and Estimate documents minimizing work product errors and omissions.

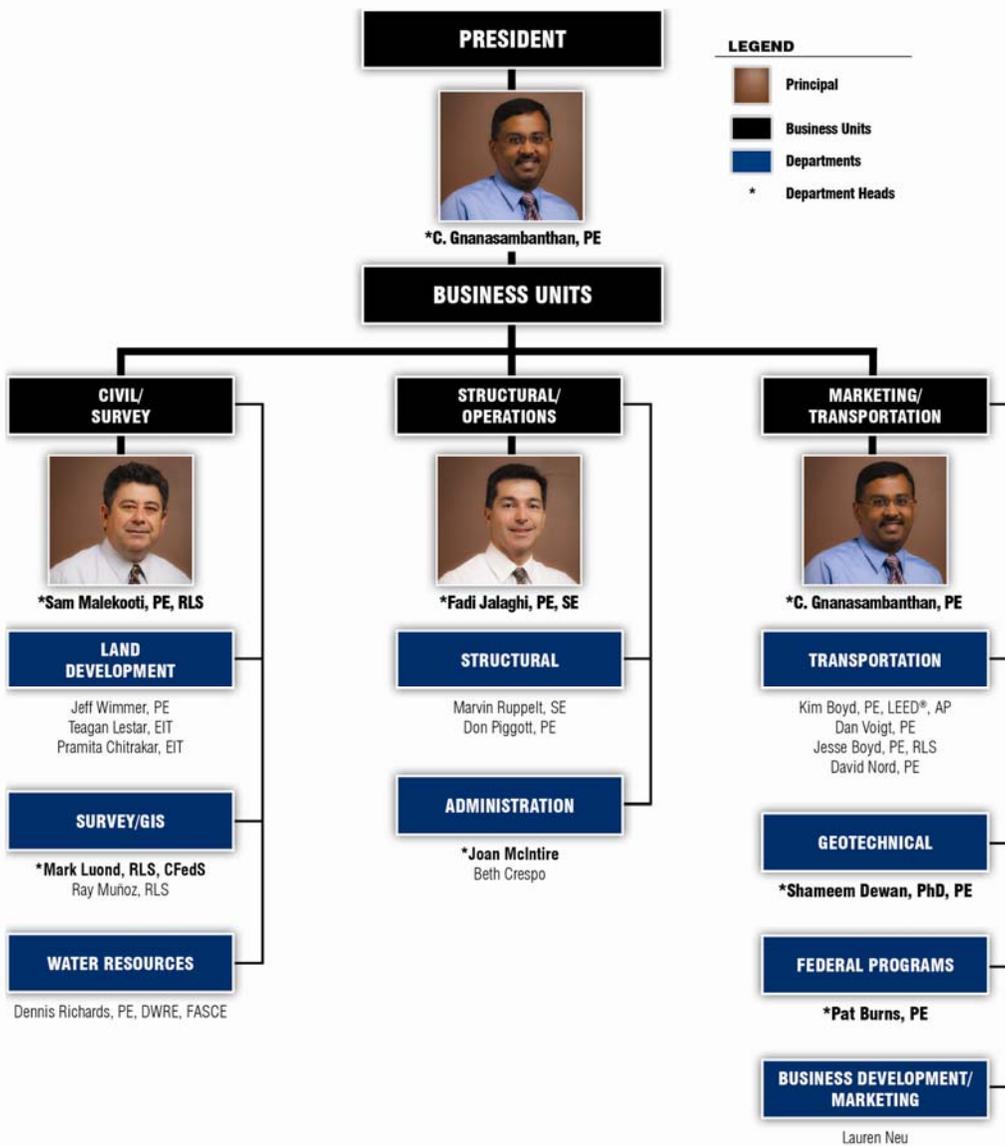
Technology

Premier's technological infrastructure consists of high-performance workstations connected through a Microsoft Windows Server network. We communicate and share electronic information with our clients rapidly and securely through our broadband internet connection. Our computers are custom-built to meet the high demands of today's leading graphics and analysis software. Premier maintains ongoing software subscriptions to Autodesk, Bentley and other leading names, utilizing the latest releases of titles such as AutoCAD, Civil 3D, Microstation and InRoads for the purposes of design and drafting. We use the Adobe Creative Suite for high-end press-quality publications. Along with the Microsoft Office suite for documents and emails, our Newforma Project Center software keeps us organized, providing easy methods to file project emails, track action items, and collaborate with our clients through its FTP-like file-sharing system. Premier also has the in-house ability to produce full-size prints, copies and scans, in both color and black-white.

Safety

Premier strives to have zero safety incidents on each and every project. Our solid safety performance results in reduced costs and increased productivity. We recognize that accidents are costly and can have a significant negative impact by affecting employees, subcontractors, and public image as well as a project's overall cost and schedule. Premier's health and safety program includes job-specific safety training and site-specific Safety Plans to identify and reduce potential hazards. Our program focuses on safety behavior and empowerment of employees to recognize, report, and correct unsafe acts and/or conditions. As a result of our efforts, we have never had a reportable incident on a project.

FIRM ORGANIZATIONAL STRUCTURE



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: | 85% |
| b. | Percentage of Total Work Attributable to Non-Government Work: | 15% |

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

Signature:

Date: 12/12/13

Name: C. "CG" Gnanasambanthan, PE, SE

Title: President