



## Statement of Qualifications

### Consultant Services for Washington Island Airport

Washington Island, WI

October 16, 2013

**MSA**

PROFESSIONAL SERVICES





October 16, 2013

Wisconsin Department of Transportation  
Bureau of Aeronautics  
4802 Sheboygan Ave  
Madison, WI 53707-7914

Attn: Gayle Stearn, P.E.  
Project Manager

Re: Consultant Services for Washington Island Airport  
Washington Island, WI

Dear Gayle:

The Washington Island Airport has had a significant, beneficial impact for the Island in the past and will continue to provide quality aviation services in the future. We at MSA, feel we are fortunate to have been associated with the airport in the past and are submitting our qualifications in the hope of being part of the future.

MSA Professional Services, in association with Clark Dietz Engineers is ready to provide qualified airport planning, design, and construction engineering services for airport improvements at Washington Island Airport. You can depend on our team to efficiently and accurately complete the services outlined in your recent advertisement.

As you review our qualifications, please consider the following:

**Airport Design & Construction Engineering Experience.** Our team has provided quality airport design and construction engineering for over 40 Wisconsin airports. Our experience ranges from services at one-runway General Aviation airports to work at General Mitchell International Airport.

**Familiarity with Washington Island Airport.** Our knowledge of the airport is unsurpassed. Our staff has provided planning, design and construction engineering services for construction projects at the airport since 1998. Projects have included

- Heliport Construction
- Turf Runway 2/20 Construction
- Airport Layout Plan updates

**Similar Project Experience.** Each project is unique; therefore we tailor our services to complement the needs of each assignment, while building on similar experience from past projects. Our team has worked on projects with elements similar to those proposed for the Washington Island Airport. The following are examples of our recent successful projects at other airports.

---

***Offices in Illinois, Iowa, Minnesota, and Wisconsin***

2901 INTERNATIONAL LANE, SUITE 300 • MADISON, WI 53704-3133

608.242.7779 • 800.446.0679 • FAX: 608.242.5664

[www.msa-ps.com](http://www.msa-ps.com)

**Airport NAVAIDs and Pavement Construction.** We have completed many projects involving reconstruction or construction of airport pavements and airfield lighting improvements.

- Menomonie Municipal Airport: New lighting system for two runways system including LED lights, guidance signs, PAPIs, REILs, and electrical vault modifications. Apron and security lighting upgrades with LED fixtures on the terminal apron and fueling area.
- Viroqua Municipal Airport: New Runway 11/29 lighting system including LED lights, guidance signs, PAPIs, REILs, and new electrical vault. Apron and security lighting upgrades with LED fixtures on the terminal apron.
- Baraboo – Wisconsin Dells Airport: Reconstruct the terminal apron, south portion of Taxiway A, and Runway 1 extension. LED taxiway lighting, apron and security lighting, LED upgrades were also included in the project.
- Sheboygan County Memorial Airport: Pulverize and relay the existing pavement and construction a new bituminous surface on Runway 13/31 and Taxiway F. Runway and taxiway lighting, guidance signs, PAPIs, REILs, and electrical vault modifications in conjunction with projects to extend all four runway ends.
- Eagle River Union Airport: Reconstruct and strengthen the terminal apron. Runway lighting, guidance signs and new electrical vault in conjunction with paving Runway 13/31.
- Burnett County Airport: Pulverize and relay the existing pavement, extend the runway to 5,000', and construction a new bituminous surface on Runway 14/32. Runway lighting, guidance signs, REIL's, and vault modifications were also included in the project.
- Taylor County Airport: Pulverize and relay the existing pavement, extend the runway to 6,000' and construction a new bituminous surface on Runway 9/27. Runway and taxiway lighting, guidance signs, PAPIs, REILs, and electrical vault modifications were included in the projects
- West Bend Municipal Airport: Repair pavement cracks and construction of a warm mix asphaltic (WMA) overlay for Runway 13/31 and parallel taxiway. New Runway 13/31 lighting system including MIREL, guidance signs, REILs, and electrical vault modifications.

**Airport Layout Plans.** We have completed ALP's at over 30 airports in Wisconsin. Several recent examples are Baraboo-Wisconsin Dells, Dodge County, Tri-County, Washington Island, Eagle River, Tomah, Amery, Sheboygan County, Taylor County, and Burnett County.

**Airport Electrical Engineering.** Mr. Mark Porlier from Clark Dietz will lead the electrical engineering aspects of the projects. Mr. Porlier has over 32 years of experience in electrical engineering and electrical construction for airport, commercial, municipal and industrial projects. He specializes in projects involving airport and roadway lighting systems and is familiar with navigation aids such as REILs, PAPIs, MALSFs, runway lighting, and regulators.

- Lighting systems design for taxiways and runways.
- Troubleshooting faulty constant current regulators for runway lighting.
- Electrical systems design for airport facilities, hangars, fire rescue, terminals, and aircraft fueling facilities.
- Security systems design including motorized gating, card access, and security lighting.
- NAVAID controls.

Mr. Porlier is familiar with the Washington Island electrical system, and WBOA standard specifications for airport and roadway lighting construction as well as the WBOA design and construction engineering process.

**Geotechnical Investigations and Construction Materials Testing.** Soils and Engineering Services Inc. (SES) will provide geotechnical investigations for pavement design and evaluate soil conditions. SES will also provide laboratory testing of the materials used during construction for conformance to specifications. SES is a WisDOT Certified Disadvantaged Business Enterprise (DBE).

**Capacity to Handle Work.** MSA team members listed in this submittal are available and ready to begin work on the project. We have reviewed our WBOA workload and do not anticipate any conflicts or problems in meeting the needs of the Airport. The principal staff identified to work on this project includes:

Michael Hinz	Project Management
Mark Graczykowski, P.E.	Design Engineer and Construction Engineering
Boyd Schleicher, P.E.	Design Engineer
Dave McDermid, P.E.	Design Engineer and Construction Engineering
Mark Porlier, DES	Electrical Engineer
Mark Nyland	CADD Plan Preparation
Eric Thompson, P.E., CFM	Stormwater Management

**Summary of Outstanding Aviation Contracts.** Following represents the backlog of aviation contracts for MSA as requested in your recent advertisement.

Contracted sales with WBOA	Remaining backlog as of Aug 31, 2013	Percent of work that is subcontracted to others
\$777,312 <sup>(1)</sup>	\$ 313,900	18.4 %

1) Contracted sales for fiscal year 2012/2013 ending June 30, 2013.

MSA welcomes the opportunity to continue our professional relationship with the Washington Island Airport and WBOA and work with you on these important projects. Our team knows what it takes to successfully complete a project.

Sincerely,  
MSA Professional Services, Inc.



Michael A. Hinz  
Airport Group Manager



Mark A. Graczykowski, P.E.  
Airport Engineer

1b. Name of Parent Company, if any  
**MSA Professional Services, Inc.**  
 2901 International Lane, Suite 300  
 Madison, WI 53704-3133

2. Year Present Firm Established  
 1962

3. Date Prepared (MM/DD/YYYY)  
 January 21, 2013

4. Type of Ownership  
 YES  NO

4a. Minority Owned

4b. Female Owned

1c. The FIRM holds a current Certificate of Authorization to practice professional engineering from the State of Wisconsin's Department of Regulation and Licensing per s.443.08 Wis. Stats.  
 YES  NO  NO

5. Name, Title, Telephone of not more than Two Principals to Contact:  
 Branch Office

6. Services Offered by Firm  
**Planning, design, and constructing engineering services for airports, bridges, urban and rural highways, wastewater treatment; and construction inspection; environmental assessments and remediation, hydraulics; floodplain, and traffic studies; wetland delineation and mitigation; biological studies; utility design; planning, land surveying, GIS; and architecture.**

7. Firm Federal Identification Number **39-1016174**

8. E-Mail Address for Firm **hinz@msa-ps.com**

1) James E. Owen, P.E., CEO 608/356-2771; FAX 608/356-2770	2) Michael Maloney, P.E., Madison Office Manager 608/242-7779; FAX 608/242-5664	9a. Total Personnel <b>302</b>
Baraboo Regional Office	1230 South Boulevard, Baraboo, WI	
Madison Regional Office	2901 International Lane, Ste 300, Madison, WI	
Beaver Dam Regional Office	201 Corporate Drive, Beaver Dam, WI	
Rhineland Regional Office	1835 N Stevens St, Rhineland, WI	
Rice Lake Regional Office	302 East Thomas Street, Rice Lake, WI	
Marshfield Regional Office	214 West Second Street, Marshfield, WI	
Duluth Regional Office	301 West First Street, Suite 408, Duluth, MN	
St Paul Regional Office	60 Plato Blvd, Ste 140, St Paul, MN	
Dubuque Regional Office	1605 Associated Drive, Suite 102 Dubuque, IA	
Des Moines Regional Office	1555 SE Delaware Ave, Suite F, Ankeny, IA	
Champaign Regional Office	201 W Springfield Ave, Suite 400, Champaign IL	

10. Personnel by Discipline - WI-Based/Other

Discipline	Count
20_14_ Administrative	
4_1_4_ Architects	
2_1_ Certified Materials Inspectors	
1_1_ Electrical Engineers	
4_13_ Environmental Specialists	
3_1_ Geologists	
1_1_ Hazardous Materials Experts	
1_1_ Hydrologists	
1_1_ Ecologists	
1_1_ Economists	
1_1_ Mechanical Engineers	
1_1_5_ Planners - Urban/Regional	
1_1_ Project Managers	
3_1_ Real Estate Appraisal, Acquisition Experts	
5_1_2_ Sanitary Engineers	
2_1_ Soils Engineers	
5_1_2_ Structural Engineers	
20_1_12_ Surveyors	
25_1_16_ Technicians	
3_1_ Traffic Engineers	
13_1_ Transportation Engineers	
3_1_ Airport Engineers/Planners	
3_1_ Mapping Specialists	
7_1_2_ Hydrogeologists	
25_1_6_ Construction Inspectors	
1_1_ Certified Soil Tester	

11. Summary of Professional Services Fees Received - Insert Index Number

Range of Professional Services Fees Identified by Index Number	2011	2010	2009	2008
1. Less than \$100,000				
2. \$100,000 to \$250,000				
3. \$250,000 to \$500,000				
4. \$500,000 to \$1 million				
5. \$1 million to \$2 million				
6. \$2 million to \$5 million				
7. \$5 million to \$10 million				
8. \$10 million or greater				

12. Profile of Firm's Airport Project Experience, Last 5 Years (Please only use Experience Codes listed on Page 4 of this form.)

PROFILE CODE	NUMBER OF PROJECTS	TOTAL GROSS FEES (in Thousands)	PROFILE CODE	NUMBER OF PROJECTS	TOTAL GROSS FEES (in Thousands)
1) 005	10	223.0	5) 202	70	3,000.0
2) 201	12	450.0	6)		