

## BIDDER QUALIFICATIONS

### 1.3 INFORMATION REQUIRED

A. Project Manager: Jim Martinsen  
(Name)  
Tamico Inc  
(Company)

Previous Relevant Marine Projects:

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Project 1: Petersburg Bulkhead Dock  
(Project Name)  
Sheet pile bulkhead dock  
(Brief Project Description)  
Project Manager  
(Position on Project)  
2016  
(Year(s) Work Performed)  
Borough of Petersburg  
(Owner)  
Glo Wollen  
(Name of Owner's Representative)  
907 772 4688  
(Phone Number of Owner's Representative)

## BIDDER QUALIFICATIONS

Project 2: Kake Portage Cove Launch Ramp  
(Project Name)

Install launch ramp, pile and floats  
and dredging  
(Brief Project Description)

Project Manager  
(Position on Project)

2017/18  
(Year(s) Work Performed)

City of Kake  
(Owner)

Rudy Bean  
(Name of Owner's Representative)

907 723 9078  
(Phone Number of Owner's Representative)

Project 3: Kake Ferry Terminal Transfer Bridge  
(Project Name)

Replace Tansfer Bridge/Float and  
restraint pile  
(Brief Project Description)

Project Manager  
(Position on Project)

2015-16  
(Year(s) Work Performed)

AKDOT  
(Owner)

Val Bean  
(Name of Owner's Representative)

907 209 8283  
(Phone Number of Owner's Representative)

## BIDDER QUALIFICATIONS

B. Project Superintendent: Jim Martinsen  
(Name)  
Tamico Inc  
(Company)

Previous Relevant Marine Projects:

Project 1: Petersburg Bulkhead Dock Project  
(Project Name)  
Sheet pile dock  
(Brief Project Description)  
Superintendent  
(Position on Project)  
2016  
(Year(s) Work Performed)  
Borough of Petersburg  
(Owner)  
Glo Wollen  
(Name of Owner's Representative)  
907 772 4688  
(Phone Number of Owner's Representative)

## BIDDER QUALIFICATIONS

Project 2: Kake Ferry Terminal Transfer Bridge  
(Project Name)  
Replace Terminal Transfer Bridge and  
Float  
(Brief Project Description)  
Superintendent  
(Position on Project)  
2015-16  
(Year(s) Work Performed)  
AKDOT  
(Owner)  
Val Bean  
(Name of Owner's Representative)  
907 209 8283  
(Phone Number of Owner's Representative)

Project 3: Kake Portage Cove Launch Ramp  
(Project Name)  
Install launch ramp, float, and pile  
and dredging  
(Brief Project Description)  
Superintendent  
(Position on Project)  
2017-18  
(Year(s) Work Performed)  
City of Kake  
(Owner)  
Rudy Bean  
(Name of Owner's Representative)  
907 723 9078  
(Phone Number of Owner's Representative)

## BIDDER QUALIFICATIONS

C. Rock Socket Superintendent:

Jim Martinsen

(Name)

Tamico Inc

(Company)

Previous Relevant Rock Socket Projects:

Project 1:

Sitka Transient Float

(Project Name)

Install 24" pile and Rock Sockets

(Brief Project Description)

Superintendent/operator

(Position on Project)

2016

(Year(s) Work Performed)

City and Borough of Sitka

(Owner)

Dan Tadic

(Name of Owner's Representative)

907 747 1804

(Phone Number of Owner's Representative)

## BIDDER QUALIFICATIONS

Project 2: Naukati Harbor Installation  
(Project Name)  
Socketing 12", 16" and 18" piles  
  
(Brief Project Description)  
Superintendent/operator  
(Position on Project)  
2013-14  
(Year(s) Work Performed)  
AKDOT  
(Owner)  
Bernard Landeis  
(Name of Owner's Representative)  
907 465 1799  
(Phone Number of Owner's Representative)

Project 3: Annette Bay Ferry Terminal  
(Project Name)  
Install 20" and 24" sockets for Restraint  
Structures  
(Brief Project Description)  
Superintendent/Manager  
(Position on Project)  
2012-13  
(Year(s) Work Performed)  
AKDOT  
(Owner)  
Jack Lee  
(Name of Owner's Representative)  
907 617 3949  
(Phone Number of Owner's Representative)

## BIDDER QUALIFICATIONS

D. Permitting Specialist:

Trevor Sande

(Name)

R & M Engineering

(Company)

Previous Relevant Permitting of Marine Projects:

Project 1:

Attached Resume

(Project Name)

(Brief Project Description)

(Position on Project)

(Year(s) Work Performed)

(Owner)

(Name of Owner's Representative)

(Phone Number of Owner's Representative)

## BIDDER QUALIFICATIONS

Project 2: Attached Resume  
(Project Name)

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\_\_\_\_\_  
\_\_\_\_\_  
(Brief Project Description)

\_\_\_\_\_  
(Position on Project)

\_\_\_\_\_  
(Year(s) Work Performed)

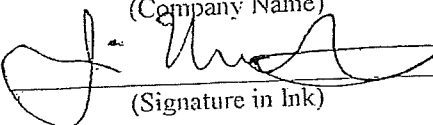
\_\_\_\_\_  
(Owner)

\_\_\_\_\_  
(Name of Owner's Representative)

\_\_\_\_\_  
(Phone Number of Owner's Representative)

1.4 **CERTIFICATION.** Bidder certifies that the foregoing and attached information is, to the best of his knowledge, correct and accurate.

Dated: 4/19/18

Bidder: Tamico Inc  
(Company Name)  
By:   
(Signature in Ink)

END OF SECTION





**R&M ENGINEERING-KETCHIKAN, INC.**  
ENGINEERS      GEOLOGISTS      SURVEYORS

335 CARLEHILL LANE ROAD, SUITE 200, KETCHIKAN, ALASKA 99901  
PHONE (907) 225-7917 FAX (907) 225-2441 E-MAIL: [rm@rsmk.com](mailto:rm@rsmk.com)

**TREVOR S. SANDE, P.E.**  
**PRESIDENT, SENIOR CIVIL ENGINEER**

#### EDUCATION AND REGISTRATION

B.S., Civil Engineering (Cum Laude), Washington State University  
Civil Engineer, Alaska, (No. 9778), Structural Engineer, Alaska (No. 14330), Environmental Engineer, Alaska (No. 14331)  
Registered General Contractor (Marble Construction) with residential endorsement

#### EXPERIENCE AND RESPONSIBILITIES

Trevor Sande was born and raised in Ketchikan and worked his way through high school and college by commercial fishing throughout Southeast Alaska. Trevor joined R&M in 1993 and became a principal owner in 1998. In 2003, Trevor took over management of R&M and is currently President. Trevor also is a licensed general contractor doing business as Marble Construction, owner of a wood products manufacturing company Tongass Forest Enterprises, and operates a land development company and an oyster and kelp farm as Marble Seafoods.

#### Site Design, Drainage, Utilities and Survey Control For Building Projects Include:

Metlakatla AISU Health Center Site Development, Ketchikan Wal-Mart, Ketchikan Shipyard facility, Craig High School, Coffman Cove School, Naukati School, Saxman SEARHC Clinic, Ketchikan Youth Facility, Ketchikan Indoor Recreation Center, Metlakatla Housing Authority with over 70 houses and one apartment complex, Fawn Mountain School and Sports Complex

#### Geotechnical Engineering

Ketchikan Aquatic Center, Ketchikan Fire Station, City of Ketchikan Parking Garage, OceansAlaska Aquarium Site, Craig Water Reservoir, Craig North Fork Dam, Craig High School, Kasaan Discovery Lodge, Klawock Vocational School,

#### Marine Design Projects Include:

Coffman Cove Harbor Expansion, Launch Ramp's in Coffman Cove, Craig and Klawock, Drive Down Ramps in Coffman Cove and Klawock, Trident Kodiak Dock, Burnett Inlet Hatchery Expansion, Craig False Island Dock, Ketchikan Airport Boat Float, Tolstoi Industrial Park, Inter Island Ferry Master Plan, Saxman Harbor Plan, Saxman Seaport Harbor Expansion and the Klawock Harbor Expansion

#### Utility Design Projects Include:

Metlakatla Sewer Master Plan & Numerous Sewer and Water Extensions and Reconstruction, City of Craig Water Master Plan and many related system upgrades, Craig 835,000 Gallon Storage Tank Reservoir, Craig Water Plant Expansion, Craig Beach Road Interceptor Sewer, Craig Sewer Treatment Plant Outfall, & Pump Stations, Klawock Three Mile Creek Water Source Feasibility Assessment, Klawock Wastewater Treatment Plant, Outfall & Pump Stations, Mary Jackson Subdivision (260 lots with 6.5 miles of utilities), Ketchikan South Tongass Service Area Water and Sewer Design (over 20 miles of pipe design), Ketchikan Shoreline Service Area Sewer and Water Master Plan

#### Road and Street Design

Craig 8<sup>th</sup> Avenue, Craig Causeway Upgrade, Don King and Signal Road, North Tongass Walmart Traffic Light and Highway Widening, Tolstoi Industrial Site, Mary Jackson Subdivision, Raven Street in Metlakatla, and Cassiar Street in Wrangell.

Structural Design Projects: Ketchikan Key Bank, Trident Ketchikan Processing Plant, Trident Kodiak Processing Plant, Ketchikan Berth IV Retain and Office Complex, Craig Water Plant, Craig False Island Dock, Craig False Island Ice House, Klawock Transfer Station, Coffman Cove Post Office, Metlakatla Cannery Repairs, Kake Senior Housing Project, Valdez Silver Bay Processing Plant, Cordova Trident Processing Facility, Craig North Fork Dam Expansion

#### PROFESSIONAL ORGANIZATIONS

American Society of Civil Engineers, Southeast Alaska Home Builders Association, Alaska Fisheries Development Foundation Board Treasurer, Alaska Shellfish Growers Association, Pacific Shellfish Growers Association, Alaska Miners Association

#### REFERENCES

Mike Carney, Airport Manager, Ketchikan Gateway Borough, [mikec@kqbak.us](mailto:mikec@kqbak.us), (907) 617-2455  
Craig Moore, Tlingit Haida Regional Housing Authority, [cmoore@thrha.org](mailto:cmoore@thrha.org), (907) 780-3130  
Greg Staunton, Alaska Department of Natural Resources, [greg.staunton@alaska.gov](mailto:greg.staunton@alaska.gov), 907-225-3070

## R&M Engineering-Ketchikan, Inc. Statement of Qualifications

R&M is a locally owned full service professional engineering, surveying and materials testing firm that designs and manages large projects in Southern Southeast Alaska. We have in house structural engineers, civil engineers, surveyors and environmental specialists as well as certified materials and water/wastewater laboratory. R&M designs and manages the construction of over \$30 million annually in types of local projects including reservoirs, harbors, underground utilities, roads, bridges and building projects. Projects of a similar size and complexity include the Coffman Cove Harbor Expansion, Klawock Harbor Expansion and Down Ramp as well as the City of Craig False Island Industrial Development which includes the Silver Bay Seafoods processing plant, the City of Craig Ice House, the False Island Dock and the Petro Marine Fuel Facility. Other local projects include the OceansAlaska Floating Research Facility, Trident Seafoods recent processing plant expansion and the Petro Marine Fuel Facility located near the US Coast Guard Base.

Trevor Sande, P.E., President of R&M, will have overall responsibility for the project as project manager and will review all design submittal packages. Trevor is the person able to contractually commit to this contract. His contact information is listed below:

Trevor Sande, P.E., President  
R&M Engineering-Ketchikan, Inc.  
355 Carlanna Lake Road  
Ketchikan, AK 99901  
(907) 225-7917 x 307  
Fax (907) 225-3441  
Email: [trevorsande@rmketchikan.com](mailto:trevorsande@rmketchikan.com)

R&M is an S-Corporation licensed in the State of Alaska as Corporation No. 576 and business license No. 108363. Trevor Sande has responsible charge of engineering services and Christopher Piburn has responsibility of surveying services.

R&M employs three registered engineers, three registered surveyors, four field surveyors, three engineering technicians and one lab analyst year-round. R&M routinely performs projects in many areas of civil engineering, environmental engineering and land surveying. They include:

### **Marine Engineering**

R&M has designed a wide variety of marine engineering projects over the years from breakwaters, floats, ramps and piers. Our most comprehensive project was the complete design of the False Island facilities in Craig, Alaska. That project included design of a launch ramp, prestressed concrete dock, hoist, bridge, ice house, fuel farm, fuel float, drive down ramp, boat storage area and a 70,000 s.f. fish processing facility. We have designed major harbor expansions for Klawock, Coffman Cove, Thorne Bay and numerous smaller floats. We have designed two large drive down floats in Craig and Klawock and designed a major breakwater on Annette Island. We have designed large vessel mooring systems in Sitka, McKenzie Inlet, Icy Bay and Afognak.