

From: [Vernon Uy](#)
To: [Green, Frank;](#)
cc: [Daly, Keith; Peppers, Nicki;](#)
Subject: Contract 8078 - Name & Qualifications of PDA Subcontractor submittal
Date: Tuesday, January 25, 2011 3:59:35 PM
Attachments: [RMDT, Inc resume.pdf](#)

Hi Frank.

I apologize. I sent the wrong attachment earlier.

Attached is the name and resume/qualifications of our PDA subcontractor, Robert Miner Dynamic Testing (RMDT), Inc.

Hard copies are in the mail. Thanks.

Vernon Uy
American Construction Company, Inc.
(425) 870-3217

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Robert Miner Dynamic Testing, Inc.

Dynamic Measurements and Analyses for Deep Foundations

Robert Miner Dynamic Testing, Inc. provides engineering services for the deep foundation industry. For driven pile projects our services include *wave equation analyses*, field measurements with the *Pile Driving Analyzer®*, and analyses and reporting based on *CAPWAP®*. RMDT also provides *underwater sound pressure level measurements* at waterfront pile driving projects for both research and compliance monitoring. For auger cast and drilled shaft foundations we provide dynamic load testing, field measurements and analyses with the *Pile Integrity Tester®* and *cross hole ultrasonic testing using a CHUM® system*.

Robert Miner Dynamic Testing, Inc. (RMDT) was founded in July of 1999 when Robert Miner purchased the Seattle area branch office operation of Goble Rausche Likins and Associates, Inc. (GRL), specialists in equipment and consulting for dynamic measurements of deep foundations. From 1989 to 1999, Mr. Robert Miner managed the Seattle-based regional office of GRL and Associates, Inc.

RMDT continues to serve clients needs for dynamic measurements and dynamic analyses of piles and shafts, wave equation analyses of pile driving, crosshole and pulse-echo integrity testing for piles and shafts, and energy measurements on SPT and Becker hammer drill equipment. These services are effectively used during feasibility study, design, testing, construction and inspection stages of large and small projects.

Since July of 1999, RMDT has completed work on projects in fourteen states or territories and four Canadian provinces. Within Washington State RMDT provides services for bridge and terminal projects of the Washington State Highway Department and Washington State Ferries, and waterfront or upland projects for local and regional government agencies, private owners, engineers and contractors. Taken together with Mr. Miner's prior experience, projects have been completed in over half of the US states and territories, and on five continents. States and provinces in which RMDT has recently completed work for deep foundations include Idaho, Oregon, Washington, Montana, Alaska, Alberta, and British Columbia.

Mailing Address: P.O. Box 340, Manchester, WA, 98353, USA **Phone:** 360-871-5480
Location: 2288 Colchester Dr. E., Ste A, Manchester, WA, 98353 **Fax:** 360-871-5483

BIOGRAPHY OF ROBERT F. MINER, P.E.

Education:

The University of Texas at Austin, M.S.E., 1991

Case Western Reserve University, Cleveland, Ohio B.S. Civil Engineering, 1983

Wheaton College, Wheaton, Illinois; Arts and Sciences, 1976-1979

Experience:

1999 - present

President, Robert Miner Dynamic Testing, Inc.

Analysis of driven piles or drilled foundations using wave equation analysis, dynamic measurements and analyses with the Pile Driving Analyzer® (PDA), CAPWAP®, low strain integrity testing (P.I.T.), cross hole ultrasonic logging (CSL). Dynamic measurements and analyses of SPT and Becker penetration tests.

1990 - 1999

Senior Engineer, Goble Rausche Likins and Associates, Inc. (GRL), and manager of GRL's office in Seattle, Washington.

Dynamic measurements and analyses with PDA, P.I.T, wave equation and CSL methods. Offshore pile testing, including underwater monitoring and hydraulic hammers.

1988 - 1989

Research Assistant, Soil Dynamics Laboratory, University of Texas at Austin.

Research of techniques for measurement and analysis of layer moduli in layered pavement systems using spectral analysis of surface waves (SASW), the Falling Weight Deflectometer (FWD) with dynamic analysis, seismic measurements with downhole, crosshole and refraction methods.

1984 - 1987

Manager, GRL Colorado, Inc., Boulder, Colorado.

1983 - 1984

Staff Engineer, GRL and Associates, Inc., Cleveland, Ohio.

Co-investigator, "Performance of Pile Driving Systems," funded by the United States Federal Highway Administration.

Registration:

Professional Engineer, State of Washington, No. 29099

Professional Civil Engineer, State of Alaska, No. C 11584

Professional Memberships:

American Geophysical Union

American Society of Civil Engineers

Deep Foundations Institute

Pile Driving Contractors Association

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Publications:

"*Installation and Evaluation of Driven Steel Pile Pies in Alaska Soils,*" with Kelly S. Merrill and Keith Korri, Proceedings of the Tenth International Conference on Cold Regions Engineering, Lincoln, New Hampshire, August, 1999, pp771-730

"*Driven Piles for the New Pacific Northwest Baseball Park,*" with Thomas M. Gurtowski, Proceedings of the 23rd Annual Meeting of the Deep Foundations Institute, Seattle WA, October 7-9, 1998

"*Pile Monitoring of Two South China Sea Platforms, Xijiang Field,*" with P. Somhesa, E.H. Doyle, C.P. Pua, and R.L. Thomas, Proceedings of the 28th Annual Offshore Technology Conference, Houston, Texas, May 1996.

"*Dynamic Methods in Design and Inspection for Rio Manati Bridge,*" with Jimenez, P., Proceedings of 8th Annual Symposium, Vancouver Geotechnical Society, May 27, 1994

"*Verification of Deep Foundations by NDT Methods,*" with Likins, G., Rausche, F. and Hussein, M. Proceedings of sessions sponsored by the Committees on Deep Foundations and Rock Mechanics of the Geotechnical Engineering Division of ASCE, Dallas, Texas, October 24-28, 1993.

"*The Falling Weight Deflectometer and Spectral Analysis of Surface Waves for Characterizing Pavement Moduli: a Case Study*" with Stokoe, K. H., and Hudson, W. R., February 1991. Research report 1123-7F, Center for Transportation Research, The University of Texas at Austin.

Pandit, N. S., and Miner, R. F., 1986. "*Interpretation of Slug Test Data*". Journal of the Association of Ground Water Scientists and Engineers, Volume 26, pp 743-749.

"*The Performance of Pile Driving Systems,*" with Rausche, F., Likins, G., and Goble, G. G., December 1985. FHWA Contract No. DTFH61-82-C-00059.

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