



Antea USA, Inc.
5910 Rice Creek Parkway, Suite 100
Shoreview, Minnesota 55126 USA
www.anteagroup.com

May 3, 2011

Mr. Tim Himmer
City Engineer
7550 Sunwood Drive NW
Ramsey, MN 55303

Dear Mr. Himmer:

RE: Proposal for Bid Assistance for Wetland Mitigation Planting, and Wetland Mitigation Monitoring for the COR Wetland Mitigation Sites, Ramsey, MN

Enclosed is the AnteaTM Group proposal to provide bid assistance and wetland monitoring for the two wetland mitigation sites at the COR in Ramsey, MN. The proposed scope of work is designed to meet the Minnesota Wetland Conservation Act (WCA) requirements for construction and monitoring of a wetland mitigation area. Antea Group will follow the WCA requirements for monitoring of wetland mitigation areas.

My goal is to assist in the creation of high quality mitigation wetlands that will not just satisfy the requirements of the wetland permit, but will be areas of natural beauty that can be enjoyed by the residents of the community.

If you have any questions, please call me directly at (651) 697-5179.

Sincerely,

A handwritten signature in black ink, appearing to read "Tony Kaster".

Tony Kaster
Project Manager
651.697.5179
tony.kaster@anteagroup.com
Antea Group

Enclosures: (1) Bid Assistance and Wetland Monitoring Proposal



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WETLAND SERVICES PROPOSAL: BID ASSISTANCE AND WETLAND MONITORING

CLIENT: City of Ramsey
7550 Sunwood Drive NW
Ramsey, MN 55303

PROJECT: Bid Assistance for Wetland Mitigation Planting, and Wetland Mitigation Monitoring for the COR Wetland Mitigation Sites, Ramsey, MN

DATE: May 3, 2011

OBJECTIVE:

To assist in the review of bids and selection of a planting contractor for vegetation establishment, and assistance with planting preparation for the wetland mitigation sites at the COR site in the City of Ramsey. Also, provide monitoring of the wetland mitigation sites for five year (or until regulatory approval) in accordance with the Wetland Conservation Act rules.

SCOPE of SERVICES:

Antea Group will provide wetland consulting services for the project and objective referenced above. Antea Group will proceed with the following work plan designed to accomplish this work.

PROPOSED WORK PLAN:

- 1). Assist the City with review of bids for site preparation, planting, and maintenance of the Charter School and NW wetland mitigation sites.
- 2). Review any proposed changes to the planting plan as proposed by the planting contractor.
- 3). Advise the City regarding the raising and lowering of the variable elevation outlet structure on the Charter School Wetland site. This will include timing, as well as elevations for the outlet structure modifications.
- 4). Stake the planting zones in the field prior to planting the wetland and upland buffer areas.

- 5). Review seed and plant installation techniques with contractor in field prior to planting. Collect seed tags and confirm quantity of live plants in field to be installed, observe seeding and installation of live plants.
- 6). Perform wetland monitoring of the Charter School and NW wetland mitigation sites. Monitoring will be conducted in accordance with Wetland Conservation Act rules guidelines, and will include an adequate number of site visits to collect necessary data regarding plant species composition and distribution, non-native and invasive species, color photographs, hydrology measurements, and wetland communities. This data will be presented in the annual wetland monitoring report, submitted no later than November 31 of each year. Up to five years of monitoring will be conducted, but with the goal of seeking early approval of the mitigation sites by the WMO.
- 7). Attend one TEP meeting per year.
- 8). An as-built survey of the Charter School wetland was previously performed. It is unclear if an as-built survey of the NW wetland has been completed. As-built surveys are required as part of the first year monitoring report. This scope of work does not include preparation of an as-built survey for the NW wetland.

WORK METHODS and COSTS:

Antea Group employs accepted industry methods and standards of care to get the most accurate information and data in order to represent our client's best interests. Antea Group's staff will consult with you as wetland services are completed and keep you informed of our activities.

Antea Group agrees to provide its services on a time and materials basis under our proposed Continuing Services Agreement with the City of Ramsey. This proposal includes an itemized cost estimate of these services of **\$13,197**. If site specific conditions, or conditions beyond our control, affect the methods or costs on this job, you or your representative will be consulted to authorize changes. If you authorize additional work, it will be done under the terms of our Agreement.

Wetland Budget - City of Ramsey		Bid Assistance, Proposal Review, Planting Inspection		2011 Monitoring		2012 Monitoring		2013 Monitoring		2014 Monitoring		2015 Monitoring	
	Unit Rate	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount
Labor													
Wetland Scientist	Hr \$ 95	22 \$	2,090	22 \$	2,090	20 \$	1,900	20 \$	1,900	20 \$	1,900	25 \$	2,375
Admin	Hr \$ 38	0 \$	-	1.5 \$	57	1.5 \$	57	1.5 \$	57	1.5 \$	57	1.5 \$	57
Labor Subtotal		\$	2,090	\$	2,147	\$	1,957	\$	1,957	\$	1,957	\$	2,432
Expenses													
Mileage	Ea 0.51	20 \$	10	60 \$	31	60 \$	31	60 \$	31	60 \$	31	60 \$	31
Labor Subtotal		\$	2,090	\$	2,147	\$	1,957	\$	1,957	\$	1,957	\$	2,432
Expense Subtotal		\$	10	\$	31	\$	31	\$	31	\$	31	\$	31
Grand Total		\$	2,100	\$	2,178	\$	1,988	\$	1,988	\$	1,988	\$	2,463

\$ 13,197