

**CITY OF EVANSVILLE
MEMORANDUM**

October 14, 2007

To: City Council
From: Dan Wietecha, City Administrator

DBJ

Re: Lake Leota Dredging Plans

The City issued a request for proposals (RFP) for design engineering service for the future dredging of Lake Leota; seven engineering firms responded. \$50,000 is budgeted to conduct this study in 2007.

To assist members of the City Council, Public Works Committee, Park Board, SOLE, and the general public, copies of the proposals are posted on the city website at <http://www.ci.evansville.wi.gov/Dredge.htm>. Printed copies are available for viewing at City Hall.

Mason Braunschweig (City Council), Dave Wartenweiler (Public Works), Fred Juergens (Park Board), and Randy Reinhart (SOLE) will serve on a screening committee to review the proposals and narrow the list to 3-4 finalists. The finalists will then be invited to a presentation and interview session, tentatively scheduled for Tuesday, October 30.

This memo provides a summary for each of the proposals.

Fehr-Graham & Associates

- \$64,700.
- Sediment survey (surface and depth) – Geoprobe soil borings for analysis – Negotiate disposal sites with city help – Identify permits and fees – Revegetation of shoreline.
- Propose plans for single-season dredging schedule and cost estimate.
- Final report is Ready-To-Bid project on lump sum basis.
- Dredging for Del Monte Foods (60 acre wastewater ponds).
- Several smaller projects for stormwater ponds, wetlands, siltation evaluation, erosion control, and dredging permits.
- Team of engineers and geologists, leader has 21 years experience.

Foth Infrastructure & Environment

- \$43,300.
- Sediment survey and soil borings – Cadmium analysis – Identify disposal sites within 2 miles – Regulatory permits – Determine shoreline revegetation needs – Propose dry excavation for dredging.
- Report will be for single-season dredging schedule, with potential to phase over five years.
- Dredging in Oconto River (95,000 cy), Sturgeon Bay navigation channel (200,000 cy), Little Lake Butte des Morts and Fox River (400,000 cy) and Lake Superior (125,000 cy).
- Several smaller dredge, lake restoration and management, stream diversion, dam and raceway modification, and contaminated sediments projects.
- Team of engineers, leader has over 20 years experience.

Liesch Environmental Services

- \$45,177.
- Review existing data – Topographic survey and soil borings – Design dewatering system – Evaluate disposal sites – Sediment traps – Plans and specs – Identify permits.
- Dredging of Delevan Lake.
- Several smaller dredging and storm water projects.
- Team of engineers and soil scientists, leader has over 30 years experience.

Montgomery Associates

- \$70,000 to \$295,000, propose interview to refine.
- Sediment survey and soil borings – Regulatory requirements – Assist city with disposal sites – Present preliminary design to public – Plans and specs.
- Several lake rehabilitation and stormwater infiltration basins.
- Multidisciplinary team, leader has 25 years experience.
- Henshue Construction (earthmover) on team to help with cost estimate.
- Unclear if final report includes plans and specs ready for bidding.

MSA Professional Services

- \$29,210.
- Topographic survey – Estimate rate of sedimentation to determine dredging needs – Meetings with City and SOLE – Meetings with regulatory agencies.
- Final report is Ready-To-Bid project.
- Dredging at Herr Property (20 acres), Duluth (200,000 cy), Hillsboro (71,000 cy), and several smaller projects for boat landings etc.
- Watershed BMPs at Lake Redstone.
- Team of water resources engineers, leader has 13 years experience.
- Propose completed report March 14, 2008.

Strand Associates

- \$49,750.
- Identify disposal sites within 1 mile – Geoprobe soil borings – Sediment trap – Review permit requirements – Shoreline restoration plan – Plans and specs, including disposal route – Upstream improvements – Park user safety during construction.
- Assume mechanical dredge, but leave as contractor option.
- Propose leave area around springs as wetlands.
- Performed 2004 and 2006 studies of Lake Leota.
- Dredging of Lake Delton.
- Numerous smaller dredge, stormwater, erosion control, wetlands basin, shoreline evaluation, and streambank restoration projects.
- Team of engineers, leader has 15 years experience.

Vierbicher Associates

- \$41,000.
- Team of engineers, leader has over 20 years experience.
- Review existing information – Topographic survey and soil samples – Investigate disposal sites – Review prelim plans with city & regulatory agencies – Prepare permit applications.
- Final report is Ready-To-Bid plans and specs, including requirements for repair of park roads.
- Dredging projects at Lake Como (300,000 cy), Rieck's Lake (40,000 cy), and Lake Redstone (50,000 cy).
- Sediment trap and BMPs on Mirror Lake.
- Team of engineers, leader has over 20 years experience.