

**J. Work With Existing Inter-Agency Work Group:**

Several staff from the MDEQ, WRD, and the Office of the Great Lakes have been extensively involved with the existing Inter-Agency Work Group for the Manistique River AOC. We have participated in conference calls and site visits, and provided technical assistance on the current project for some time. Additionally, MDEQ staff have worked in partnership with staff of the United States Environmental Protection Agency's (USEPA), Great Lakes National Program Office (GLNPO) on a number of Great Lakes Legacy Act (GLLA) cleanups in Michigan's Great Lakes AOCs. The MDEQ has been partnered as the nonfederal sponsor in five remedial projects and partnered as the nonfederal sponsor on two other remedial investigation projects to date.

For the proposed project in the Manistique AOC, the MDEQ would continue to work closely with the Inter-Agency Work Group (NOAA, United States Geological Survey, USEPA, United States Army Corps of Engineers (USACE), and the United States Fish and Wildlife Service) in order to capitalize on the expertise and experience each agency brings to the table. Optimally, we hope to continue to work with all of the agencies as this project moves forward to ensure the goals of this project are achieved.

**K. Permits:**

The MDEQ will secure the two required permits to complete the proposed work: (1) The USACE Section 10 excavation and fill permit; and (2) The State of Michigan joint permit for dredging and filling. The MDEQ has extensive experience with securing the necessary permits for this type of proposal. To ensure the appropriate permits are secured, the MDEQ will use a reputable design contractor for development of a project design. Before permits can be applied for it is optimal to have an acceptable project design in place. All information, including permit information will be shared with NOAA and the Inter-Agency Work Group as the project progresses.

**L. Staff and Their Qualifications:**

As stated above, several MDEQ staff have been involved in a number of GLLA contaminated sediment cleanups across Michigan's Great Lakes AOC. The MDEQ has provided financial support as the nonfederal sponsor as well as technical support by acting as co-project manager for many cleanups, with support of the GLNPO. Mr. Michael Alexander (MDEQ) is supervisor to the MDEQ's Contaminated Sediment Program and has a great deal of experience with contaminated sediment remediation projects across Michigan. Mr. Alexander has been the MDEQ's project manager for the majority of GLLA cleanups in which the MDEQ was the nonfederal sponsor, including: the Black Lagoon Project, River Raisin Project, Ruddiman Creek (Muskegon Lake AOC) Project, and Division Street Outfall (Muskegon AOC). Additional Mr. Alexander was the project manager for the White Lake Tannery Bay contaminated sediment remedial project. Mr. Alexander is intimately familiar with the entire contaminated sediment remediation process from developing a plan to completion of RAs and including post remedial monitoring activities. While the MDEQ has extensive knowledge of contaminated sediment remedial projects, we do believe continued support from the Inter-Agency Work Group will be necessary for this project's success.

**M. Data Sharing Plan:**

The MDEQ will provide all data and information to NOAA and the Inter-Agency Work Group in a timely manner. All analytical data will be provided in an appropriate electronic data deliverable format. Sampling locations and other meaningful information will be mapped in an appropriate geographic information system that can be used by

NOAA and the Inter-Agency Work Group. Information will be placed on the MDEQ ftp site on a regular basis. The specifics of the data sharing plan will be provided in more detail in remedial design work plan and QAPP.

**N. Supplemental Materials:**

**III. Budget Justification**

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Task 1: Project Planning and support: The MDEQ anticipates a financial need up to \$142,500 per year to provide adequate project oversight. Anticipated total costs for Project Planning and Support for a 3-year project would be \$427,500. Staff of the MDEQ, WRD, will provide oversight on all aspects this project including, but not limited to, management of the design contractor, construction oversight contractor, and construction contractor.

Task 2: Sediment and Soil Sampling and Laboratory Analysis: The MDEQ anticipates a financial need of up to \$350,000 for sediment and soil sampling and laboratory analysis to complete this project.

Task 3: Engineering Design and Bid Specification Document Development: The MDEQ anticipates a financial need of up to \$1,200,000 to complete the engineering design and bid specifications for Phase I and Phase II of this project.

Task 4: Develop a Focused Feasibility Study for Phase II of the Project: The MDEQ anticipates a financial need of up to \$350,000 for the completion of the Phase II focused feasibility study for this project.

Task 5: Implementation of Selected RAs: The MDEQ anticipates a financial need of up to \$16,000,000 to implement all RAs needed to meet the goals of this project. This includes all RAs associated with Phase I and Phase II of this project.

Task 6: Public Outreach Activities: The MDEQ anticipates a financial need of up to \$50,000 for these activities.

**IV. Federal Funding Request: \$18,377,500**

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