UNRBA Board Meeting

MRS Project Scope Overview

September 20, 2017



Contract Overview for Year 2

- Shortened contract period to align with fiscal year (September 20, 2017 – June 30, 2018)
- Budget: \$282,200
- Modeling Team includes
 - Brown and Caldwell
 - Systech Water Resources
 - Dynamic Solutions
 - Independent Consultants/Subject Matter Experts
- Seven tasks

Task 201 – Data Acquisition and Management

- Develop and distribute a data acquisition form
- Develop a data management plan for the project

Task 202 - Coordination with Stakeholders to Acquire Data

- Compile public and private datasets for model development
- Document QA/QC procedures
- Two stakeholder workshops (fall and sprint)
- Calls and meetings with stakeholders to facilitate data transfer

Task 203 – Preliminary Model Configuration

- Develop modeling grid for the hydrodynamic lake model and lake segments for simpler models
- Delineate subwatersheds and develop stream network for the watershed model
- Technical memorandum to describe gridding and segmentation

Task 204 – Review/ Recommendations on Monitoring Program

- Modeling Team to review the Annual Report generated under the Monitoring Program
- Provide recommendations on the need for a 5th year of monitoring
- Technical memorandum

Task 205 – Update the Multi-Year Work Plan

- Update the multi-year work plan that describes the future years of the modeling and regulatory support project
- Incorporate latest legislative changes, input from the UNC Nutrient Study, etc. into schedule and approach

Task 206 - Regulatory Support/Coordination with Communications Team

- Support the UNRBA in their preparation and planning for meetings with agency staff and other stakeholders that may affect the reexamination
- Coordinate with the UNRBA Communications Team to ensure consistency among work products

Task 207 – Routine Communications and PM

- Status updates at PFC and BOD meetings
- Calls with the Executive Director and UNRBA Subject Matter Experts
- Calls/meetings with the MRSW
- Project management

Budget for Year 2 of the MRS Program

Task	Budget				
Task 201: Data Acquisition Management	\$28,500				
Task 202: Coordination with Stakeholders to Acquire Data	\$69,800				
Task 203: Preliminary Model Configuration	\$85,000				
Task 204: Review/Recommendations on Monitoring Program	\$22,800				
Task 205: Update Multi-Year Work Plan	\$21,800				
Task 206: Regulatory Support and Coordination with Communications Team	\$27,700				
Task 207: Routine Communications and Project Management	\$26,800				
Total	\$282,200				

	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
ACTIVITY										
Sign Contract (Sep 20)										
Development and Distribution of the										
Data Acquisition Form to Stakeholders										
Stakeholder kickoff meeting (Oct 25)										
Draft Data Management Plan										
Targeted calls/meetings regarding data collection (ag, DOT, etc.)										
Compile and summarize publically available and discreet data sets										
Develop EFDC model grid										
Begin WARMF configuration										
Exploratory statistical analyses										
Draft memo summarizing preliminary										
model configuration and analyses										
(EFDC, WARMF, Stats)										
Stakeholder meeting to data acquired,										
issues identified, additional data gaps;										
preliminary model configuration										
Update the Multi-year work plan and										
develop Year 3 scope of work										
Review and comment on FY2018 MP										
Annual Report; develop										
recommendations for long-term										
monitoring										

Ongoing Preparations for Year 2 Stakeholder Kickoff Meeting

- "Save the Date" calendar invitations have been sent for October 25th, 9:30 to 12:30
- Developed a preliminary meeting plan
- Work with MRSW on agenda and meeting materials
- Developing the data acquisition form for distribution prior to the meeting

Questions?

