

Contract Routing Number:

Contract or Purchase Order No.: C150482

Grant Amount: \$300,477

Date of Report: November 15, 2013

Report Period: Engineering: April, 2013 – September, 2013

Legal: April, 2013 – July, 2013

Lower South Platte Water Cooperative Operational Analysis

Progress Report

Task 1 – Develop Operational Plan

- Engineering activities:
 - Prepared for and attended a Grant Review Committee meeting in Fort Morgan on 4/12/2013.
 - Internal meeting to discuss operations model and new demand near Sterling.
 - Project management activities (progress report to client, coordination of work activities, and coordination of grant extension request, etc.).
 - Preparation, travel, and attendance of grant committee meeting in Fort Morgan.
 - Assessment of potential impact to North Sterling Irrigation district from co-op operations. Evaluations of river flows, diversion, unused recharge accretions, etc. to identify reductions in available flow at the North Sterling head gate. Drafted and submitted results summary to Jim Yahn.
 - Preparation, travel, and attempted attendance of grant committee meeting in Fort Morgan. Matt Lindburg was unable to attend the meeting in person due to the closed interstate. He joined the meeting via conference call.
 - Preparation, travel, and attendance of meeting with John Rusch, Ken Fritzler, and Joe Frank in Sterling to review operations model, accounting model, and plan for conducting engineering analysis for co-op implementation.
 - Update operational model according to the augmentation plans that have chosen to join the co-op.
 - Review decrees and accounting from District 64 plans to identify locations/availability of excess water and potentially exchange impacting dry-up points.

- Internal meetings with project team members to discuss and delegate project tasks.
- Internal meetings with project team members to discuss and delegate project tasks including: accounting data efforts, the Weimer and Fessler Augmentation Plan, development of excess recharge estimates, and detailed reviews of co-op member supplies and locations.
- Began developing narrative for each augmentation plan starting with the Low Line plan. This effort included a review of the decree, drafting an outline, and reviewed exchange capacity.
- Project management activities (progress report to client, coordination of work activities, invoicing etc.).
- Legal activities:
 - Correspondence with Brown and Caldwell.
 - Preparation and attend Co-op Formation Plan public meeting on May 1st in Fort Morgan, CO
 - Prepare and attend Grant Review Committee meeting in Fort Morgan, CO (June 2013)
 - Prepare and attend Grant Review Committee meeting in Fort Morgan, CO (July 2013)
- **The total invoiced amount to date for Task 1 is \$87,536.10 and the total fee for Task 1 is \$122,125.**

Task 2 – Meetings with Stakeholders

- Engineering activities:
 - Preparation of slides for May 1st stakeholder meeting presentation including a description of operations and model output graphics.
 - Preparation and presentation at May 1st stakeholder meeting including travel time and travel expenses.

- Project management activities (progress report to client, coordination of work activities, month end project review meeting, etc.).
- Legal activities:
 - None

The total invoiced amount to date for Task 2 is \$9,229.26 and the total fee for Task 2 is \$31,788

Task 3 – Data and Measurement Needs

- Engineering activities:
 - No activities, invoices include the monthly fee for the share point site.
- Legal activities:
 - None

The total invoiced amount to date for Task 3 is \$649.29 and the total fee for Task 3 is \$20,112

Task 4 – Accounting

- Engineering activities:
 - Continued researching water accounting needs.
 - Coordination with others who are also working on accounting (i.e. Ken Fritzler and John Rusch) to discuss approach and potential linkages between the accounting program and the operational planning model.
 - Correspondence with John Rusch regarding content and approach on accounting program development.
 - Meeting in Sterling to review operations and accounting model.
 - Accounting data gathering and analysis
 - Correspondence with John Rusch regarding the newest version of the accounting tool, review of the tool, a discussion regarding the accounting tool details and improvements, and a follow-on call to discuss the resulting tool updates.

- Legal activities:

- None

The total invoiced amount to date for Task 4 is \$2,303.00 and the total fee for Task 4 is \$13,662

Task 5 – Inventory of Existing Infrastructure

- Engineering activities:

- None

- Legal activities:

- None

The total invoiced amount to date for Task 5 is \$1,851.00 and the total fee for Task 5 is \$16,986

Task 6 – Assessment of Costs and Financing

- Engineering activities:

- Draft outline of technical memorandum and review documents.

- Legal activities:

- None

The total invoiced amount to date for Task 6 is \$4,612.00 and the total fee for Task 6 is \$13,668

Task 7 – Economic Considerations

- Engineering activities:

- Economic analysis development correspondence with Ed Harvey and review of progress on economic evaluation study.

- Legal activities:
 - None
- CSU Economic activities:
 - None

The total invoiced amount to date for Task 7 is \$39,933.04 and the total fee for Task 7 is \$57,814

Task 8 – Assessment of Operational Considerations

- Engineering activities:
 - Internal meeting to review materials collected on water banks, interview sheets, responses, and discussions with water banks, and outline reporting of this activity.
 - Draft outline of technical memorandum and review documents.
- Legal activities:
 - None

The total invoiced amount to date for Task 8 is \$5,176.00 and the total fee for Task 8 is \$38,818

Task 9 – Project Reports

- Engineering activities:
 - None
- Legal activities:
 - None

The total invoiced amount to date for Task 9 is \$2,311.75 and the total fee for Task 9 is \$15,004

