

**Water Supply Reserve Account – Grant and Loan Program**  
**Water Activity Summary Sheet**  
**May 18-19, 2016**  
**Agenda Item 18(d)**

**Applicant:** Yampa/White/Green Basin Roundtable  
**Fiscal Agent:** Colorado River Water Conservation District  
**Water Activity Name:** Yampa/White/Green Basin Implementation Plan Modeling  
**Water Activity Purpose:** Study: Nonconsumptive & Consumptive  
**County:** Routt, Garfield, Rio Blanco, Moffat  
**Drainage Basin:** Yampa/White/Green  
**Water Source:** Yampa/White and tributaries  
**Amount Requested/Source of Funds:** \$150,000 Yampa/White/Green Basin Account (total grant request)  
**Matching Funds:** none required, none provided

<b>Staff Recommendation:</b>
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Staff recommends <u>conditional</u> approval (refer to <b>Issues/Additional Needs</b> section below) of up to \$150,000 from the Yampa/White/Green Basin Account to help fund the project titled: Yampa/White/Green Basin Implementation Plan Modeling.
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**Water Activity Summary:** The Yampa/White/Green Basin Implementation Plan Modeling project provides the next steps to advance the Yampa/White/Green Basin Implementation Plan (BIP). The project builds on previous BIP modeling efforts to help the basin roundtable (BRT) understand the potential benefits and impacts of identified projects and processes (IPPs), and ultimately, which IPPs may merit moving to the next stage of implementation. In addition, the project seeks to illuminate how operations in the basin would be affected by water rights administration. During the development of the model, the contractor will work closely with the full BRT, the modeling Subcommittee, and project proponents to deliver a fully documented, adaptable model that captures the vision and needs defined by the BRT. The effort is designed to solicit input from diverse stakeholders and build consensus on the most effective ways to meet identified needs in the basin.

**Objectives:**

- Maintain close communication between the contractor, the BRT Subcommittee, full BRT membership, and project proponents;
- Clearly define and document modeling assumptions;
- Foster understanding and consensus regarding the baseline model to ensure everyone is on the same page;
- Provide modeling workshops to set up, run, and examine results "on the fly";
- Execute modeling simulations that examine the IPPs individually and in combination, and;
- Document final model results in concise technical memos, a final report, and a presentation to the BRT.

**Discussion:** The proposed project aligns well with many of the Goals and Measurable Outcomes in the Yampa/White/Green Basin Implementation Plan, while simultaneously furthering the goals of Colorado's Water Plan.

**Issues/Additional Needs:** Staff recommends conditional approval contingent upon the applicant providing their respective Basin Roundtables the opportunity to re-visit and re-affirm their approval given the current Tier II Severance Tax projections and status of the Roundtable Basin Account Balances.

**Threshold and Evaluation Criteria:** The application meets all four Threshold Criteria.

**Tier 1-3 Evaluation Criteria:** n/a

**Funding Summary/Matching Funds:** none required, none provided

**CWCB Project Manager:** Craig Godbout

All products, data and information developed as a result of this grant must be provided to the CWCB in hard copy and electronic format as part of the project documentation. This information will in turn be made widely available to Basin Roundtables and the general public and will help promote the development of a common technical platform. In accordance with the revised WSRA Criteria and Guidelines, staff would like to highlight additional reporting and final deliverable requirements. The specific requirements are provided below.

**Reporting:** The applicant shall provide the CWCB a progress report every 6 months, beginning from the date of the executed contract. The progress report shall describe the completion or partial completion of the tasks identified in the scope of work including a description of any major issues that have occurred and any corrective action taken to address these issues.

**Final Deliverable:** At completion of the project, the applicant shall provide the CWCB a final report that summarizes the project and documents how the project was completed. This report may contain photographs, summaries of meetings and engineering reports/designs.

**Engineering:** All engineering work (as defined in the Engineers Practice Act (§12-25-102(10) C.R.S.)) performed under this grant shall be performed by or under the responsible charge of professional engineer licensed by the State of Colorado to practice Engineering.