

State of Colorado
Jacob Bornstein
1313 Sherman Street, Room 721
Denver, CO 80203

October 2013

RE: Contract Number: 150481

Dear Mr. Bornstein,

I am sending this correspondence to request a contract amendment and extension for the Yampa-White Projects & Methods Analysis which is funded by a Water Supply Reserve Account (WSRA) Grant project budget.

As you know the Moffat County Natural Resources Department initiated work on the Yampa-White Projects & Methods Analysis. This project is intended to build on the findings of these needs assessments to identify potential projects and methods that could be used to meet the Yampa-White Basin future water needs for both consumptive and nonconsumptive needs.

The project as originally scoped is expected to be completed by December 31, 2013. The Basin Roundtable has learned a lot through the modeling performed under this project. The Basin Roundtable has recognized that additional modeling may be required to better understand its needs and how they may be met by identified projects and procedures (IP&Ps) in the Yampa and White River Basins. This modeling will be both to identify additional potentially beneficial projects as well as support the development of the Draft Basin Implementation Plan (BIP).

It is for this reason the Yampa/White/Green Basin Roundtable approved a motion to amend this contract with a new task (Task 5 – Additional Modeling of the Yampa and White River Basins) for an additional \$20,000 of basin funds and request an extension of the contract to December 31, 2014. This task will be directed by the Basin Roundtable – Projects and Methods Subcommittee to explore options to meet its future water needs.

We are requesting an extension of our current contract by 1 year (360 days) through December 2014 so that we can complete the scoped tasks of this analysis.

The following is a revised project schedule which includes the original start/end dates for each of the scoped tasks.

Revised Project Budget by Task

Task	Task Description	Budget (Original)	Budget (Revised)
Task 1	Task 1 - Develop Common Understanding	\$75,000	\$75,000
Task 2	Task 2 - Analyze River Operations	\$75,000	\$75,000
Task 3	Task 3 - Comparison of Water Rights	\$20,000	\$20,000
Task 4	Task 4 - Reporting and Final Deliverable	\$20,000	\$20,000
Task 5	Task 5 – Additional Modeling	-	\$20,000
Total		\$190,000	\$210,000

Notice to Proceed was given August 2011

Revised Project Schedule D by Task

Task	Task Description	Start Date	End Date (Original)	End Date (Revised)
Task 1	Task 1 - Develop Common Understanding	Aug-11	Feb-12	Dec-13
Task 2	Task 2 - Analyze River Operations	Feb-12	Jun-12	Dec-13
Task 3	Task 3 - Comparison of Water Rights	Apr-12	Aug-12	Dec-13
Task 4	Task 4 - Reporting and Final Deliverable	Aug-12	Nov-12	Dec-13
Task 5	Task 5 – Additional Modeling	Nov-13	NA	Dec-14

Notice to Proceed was given August 2011

Please contact me if you have any questions.

Sincerely,

Jeff Comstock
Director
Moffat County Natural Resources Department

Statement of Work A-1 Amendment#3

WATER ACTIVITY NAME – Yampa-White Basin Projects and Methods Analysis

GRANT RECIPIENT – Moffat County Natural Resources Department

FUNDING SOURCE –Basin Account

INTRODUCTION AND BACKGROUND

The Yampa-White Basin is completing the Project and Methods Study. During the completion of this study, the Basin Roundtable has identified the potential need for additional river basin modeling to support the development of the Draft Basin Implementation Plan. The river basin model has been developed and will be used to perform additional model simulations as directed by the Projects and Methods Subcommittee.

This additional modeling task will use the river operations model(s) developed under the Projects and Methods Study to assist the Yampa-White Basin in evaluating potential projects and methods to meet the basins future water needs.

OBJECTIVES

List the objectives of this new task are consistent with the original project and are:

- Develop a common understanding by the Yampa-White Basin Roundtable and other key stakeholders of the consumptive and nonconsumptive needs in the Yampa-White Basin
- Develop spatial representation of consumptive (municipal, industrial & agricultural) needs
- Develop spatial representation of nonconsumptive (environmental & recreational) needs
- Identify critical areas in basin such as endangered species flow requirements
- Analyze river operations for the Yampa and White Basins

TASKS

This amendment will add the following task to the Projects and Methods Project Scope of Work:

- Task 5 – Additional Modeling of the Yampa and White River Basins

The description, method/procedure and deliverables associated with each task are described below.

TASK 5 – Additional Modeling of the Yampa and White River Basins

Description of Task

The purpose of this task is model river operations to meet the needs of the Yampa and White basins. The Applicant will utilize the CDSS models developed for the Yampa-White Basin

under the Projects and Methods Study to perform additional model simulations as directed by the Projects and Methods Subcommittee up to \$20,000.

Method/Procedure

Applicant will use the CDSS and other tools developed for the Yampa-White Basin under the Projects and Methods Study to analyze river operations for the Yampa and White Basins. The model will be used to evaluate additional identified projects and procedures as directed and defined by the Projects and Methods Subcommittee. As the Subcommittee identifies model simulations to be performed they will direct the Engineer to run the scenario in the Yampa and/or White River StateMod model. The Engineer will run the scenario and provide results to the subcommittee in a format which is consistent with the results provided during Task 2 of the Projects and Methods Study. The results will identify benefits and impacts of the scenario associated with consumptive and nonconsumptive needs in the basin. This task will not include a report of the findings but the results may be used in the Draft Basin Implementation Plan (BIP) which is currently being developed.

Deliverable

Deliverables for the task will include:

- Updated model files summarizing river operations
- Providing model results to the subcommittee
- Presentation for use at Basin Roundtable Meetings

Cost

The cost for this task is estimated at \$20,000.

Total Cost – \$20,000.

Recommend 100% from Yampa Basin Account