

**Exhibit A**  
**SCOPE OF SERVICES**  
**Watershed Masterplans**  
**CWCB Flood Protection Section**  
**January 2007**

**CONSULTANT**

For the purposes of this Scope of Services (Scope), the Colorado Water Conservation Board (CWCB or State) shall contract the professional services of Lifezone Ecological, Inc. (Consultant). The lump-sum CWCB funding to the Consultant for work performed under this Scope is \$24,500.

**SUMMARY OF REQUESTED WORK**

The Consultant shall perform fieldwork, communication/coordination, research, analyses, report writing, and other tasks necessary to complete the work for watershed masterplans for specific basins of interest in Colorado. This Scope shall become valid once an executed Purchase Order has been delivered to the Consultant from the CWCB, and shall continue to be in effect through June 30, 2007.

**AUTHORITY**

According to Section 37-60-106(1)(c) of the Colorado Revised Statutes, the Colorado Water Conservation Board has the power and duty:

“... to devise and formulate methods, means and plans for bringing about the greater utilization of the waters of the state and the prevention of flood damages therefrom ...”

This watershed work is directly related to the CWCB’s watershed restoration program managed by the Flood Protection Section.

**STUDY LOCATIONS AND DESCRIPTION OF WORK**

*Upper Colorado River Watershed Planning Scope of Work: \$4,500*

The purpose of this effort is to develop a strategy and outline for watershed activities within the upper Colorado River basin including the portion of the basin located in Grand County and adjacent areas of interest. A final report will be generated to document the pertinent tasks including: 1) Description of the watershed along with brief discussions of water-related problems and opportunities, 2) Summary of all coordination activities and contacts made for the planning scope, 3) Identification of viable sponsors and partners that would have reasonable interest or expertise in watershed planning work within the study area, 4) Compilation of details regarding potential funding sources (e.g. grant programs) that could be brought to bear for completion of a full-blown watershed masterplan and future implementation of recommended actions, and 5) Development of a complete framework of tasks needed for successful development of a comprehensive watershed masterplan.

*Hecla Junction Watershed Mitigation Masterplan: \$20,000*

The purpose of this effort is to respond to a specific need along an unnamed tributary to the Arkansas River within the Arkansas River Headwaters Area (AHRA) of Chaffee County. The tributary of interest flows through a recreational site known as “Hecla Junction” that is heavily used during the spring and summer months for boating activities on the Arkansas River mainstem. A final report will be generated to document study information including: 1) Executive summary, 2) Partnerships/acknowledgements/agency coordination, 3) Study authorizations, 4) Description of study area, 5) Problem identification, 6)

Hydrologic analyses (provided by CWCB), 7) Hydraulic analyses (provided by CWCB) and erosion/stream stability evaluations, 8) Environmental evaluations, 9) Mitigation alternatives for site sustainability and ecological improvements, 10) Description of recommended plan with cost estimates, 11) Project funding opportunities, 12) Project permitting requirements and summary of NEPA process, and 13) Appendices with technical backup data, computer models, photographs, and charts.

Work already done by the CWCB and others in support of tasks above will be submitted to Consultant for inclusion in the analyses and final report. Consultant is responsible for final layout and organization of all information within the masterplan for the purposes of this Scope.

### **PAYMENT**

For each study area outlined in this Scope and authorized by a Purchase Order, the Consultant shall proceed with tasks and prepare monthly invoices based on percent complete of the lump-sum amount assigned to each study.

### **MEETINGS AND COORDINATION**

Progress meetings between the CWCB and Consultant will be conducted by telephone and email with meetings as necessary when key milestones are reached. Consultant shall provide brief and concise progress reports to the CWCB via email on a monthly basis just prior to the end of the monthly billing cycle.

### **COMPLETION OF WORK**

#### **Schedule**

The Consultant shall complete all tasks as assigned in this Scope and shall submit draft and final reports for each study. The draft document for the Upper Colorado River Watershed Planning Scope of Work should be submitted by March 15, 2007. The draft document for the Hecla Junction Watershed Mitigation Masterplan should be submitted by May 15, 2007. Final work and invoices for all work must be received by the CWCB no later than June 30, 2007.

#### **Report Format**

Consultant shall produce final hard copy reports containing appropriate text, photographs, maps, charts, tables and graphics to adequately document the work performed for each watershed masterplan outlined in this Scope. Completion of the work will include the acceptable performance of all tasks as well as incorporation of client and agency review comments. The preferred report format is 8.5" by 11" (3-ring binder or bound) with color cover. Fold out pages or map pockets may be used for larger figures as needed.

#### **Specific Deliverables**

Consultant shall submit the following items:

1. 1 hard copy of each draft report for review and comment by CWCB
2. Additional hard copies each draft report for review by partnering agencies (maximum of 5)
3. 1 hard copy of each final report with appendices for the CWCB
4. Additional hard copies of each final report for partnering agencies (maximum of 5)
5. One CD containing original format and PDF files of final reports in their entirety, including appendices and other backup data as appropriate.

### **END OF SCOPE OF SERVICES**