

## Recommendation of Additional Studies Workgroup

Section 6 Grant		State Funds	
HCP	\$1,200,000	<b>Total appropriation (“up to”)</b>	<b>\$1,682,500</b>
Facilitation	\$150,000	Non-federal cost share	<\$354,375>
GEAA overhead (5%)	\$67,500	TCEQ, TPWD & TDA Admin. fees	<\$150,000>
<b>Total Grant</b>	<b>\$1,417,500</b>	Texas A&M overhead	<\$80,894>
		Peer review	<\$125,000>
Federal share (75%)	\$1,063,125	Biological modeling support	<\$50,000>
Non-federal share (25%)	\$354,375	Est. additional facilitation costs	<\$50,000>
<b>Total</b>	<b>\$1,417,500</b>	<b>Balance</b>	<b>\$872,271</b>

### Chronology

- July 9, 2009, Steering Committee and Stakeholder meeting appointment of additional studies workgroup to consider use of State appropriation for additional studies. Members – Calvin Finch, Todd Votteler, Steve Raabe, Cindy Loeffler, Kirk Patterson, Jim Bower, Tyson Broad, Matt Nelson & Rick Illgner.
- July 21, 2009, group had initial meeting at EARIP offices to review & discuss proposals.
- August 21, 2009, group met (with Weir Labatt sitting in for Matt Nelson), reviewed an expanded list of study options\* and agreed on a consensus set of recommendations.

### Recommended Additional Studies

Study	Amount
Phase 1 of Service Fountain Darter genetic study	\$41,556
Bio-West Intensive Management Area feasibility study	\$150,000 <sup>1</sup>
Additional work by Hardy to update the biologic model	\$150,000 <sup>2</sup>
Drought effects on movement of the Fountain Darter in the San Marcos ecosystem	\$9,945
Drought effects on Fountain Darter habitat in the Comal ecosystem	\$39,110
<b>Total</b>	<b>\$390,611</b>

\* - a list of the proposals that were reviewed is attached

1 - proposal was for \$170,000; the work group asked Gulley to see if the cost could be reduced to \$150,000

2 - proposal was for \$188,568; the work group asked Gulley to see if the cost could be reduced to \$150,000

### Note to Additional Studies work group:

Negotiations on Bio-West & Hardy proposals

Dr. Gulley visited with Bio-West and subsequently received a revised proposal for \$139,800 for Comal Springs. Also, Dr. Gulley visited with Dr. Hardy & Texas State University and has received a 15% concession on overhead (reduced from 25% to 10%); which drops the study cost to approximately \$160,000. The net result is a total study of \$390,411.

## Final discussion and considerations

The protocol is for our work group to meet and make recommendations for additional studies to the Steering Committee, which we have done. The Steering Committee will make a decision on September 10 (hopefully); however, that is not the end of our work. We have a meeting scheduled for September 14 that was originally intended to discuss studies that were left pending at the August 21 meeting (Optimization and Whooping Crane). I suggest that we use that time to revisit two important criteria for additional studies that the Texas Water Development Board will consider for any research that receives funding:

- 1) What is this study going to deliver (beyond a report) and/or what specific question will it answer in a timely fashion that is directly relevant to the EARIP?
- 2) Why is it this study essential to the success of the RIP?

These points have been mentioned previously; however, they were not the focus of the August 21 discussion and warrant additional conversation before placing a research request in a grant application.