

TO: Dirk Marks (CLWA)
Paul Weghorst (IRWD)

FROM: Eric Averett and Dan Bartel (RRBWSD)

DATE: March 31, 2014

RE: 2014 Drought Relief Project Cost-Share



Performance of wells ?!

RRBWSD along with CLWA and IRWD have been pursuing the construction of eleven (11) wells and conveyance facilities associated with existing groundwater banking projects in anticipation of 2015 water needs. Specifically:

- CLWA desires to construct three (3) of the eight wells anticipated in their RRBWSD Banking Project.
- IRWD desires to construct the three (3) Strand off-site wells within RRBWSD's service area anticipated in the Strand Ranch Integrated Banking Project.
- RRBWSD is looking to construct three (3) wells to further backstop its GLC program and two (2) wells to backstop its other banking projects from the Stockdale East portion of the Stockdale Integrated Banking Project. The cost of the two wells and conveyance on Stockdale East would be reimbursed by IRWD per previous agreement up to \$1.5 million.

Considering these project goals we have shaped the 2014 Drought Relief Project to construct eleven (11) wells and associated conveyance infrastructure with a production goal of mid-2015 as shown on Exhibit A. Construction will be broken down into two bid packages which will run simultaneous, one focused on well construction and equipping and the other on conveyance and CVC interconnection. Costs will be broken down into the following categories: Construction, Design, Project Management, Administration, Inspection, Permitting, and Property and Easement Acquisition.

Construction. We suggest that the construction costs of the Project be allocated to the parties as follows:

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| 1. Western Well Field – (3) wells and pipelines | 100% RRB |
| 2. Stockdale East Well Field (2) wells and pipelines | 100% IRWD for RRB* |
| 3. Superior East Well Field (2) wells and pipelines | 50% IRWD, 50% CLWA |
| 4. Superior West Well Field (4) wells and pipelines | 50% IRWD, 50% CLWA |
| 5. Central Intake (Canal or Pipeline) | 50% IRWD, 50% CLWA |
| 6. Pumping Plant & CVC Tie-in | 50% RRB, 25% CLWA, 25% IRWD |

The Central Intake would be designed as bi-direction facility both capable of delivery of water to

**Rosedale Rio-Bravo Water Storage District
2014 Drought Relief Project**

5/8/2014

Phase 1: Extraction

West Wellfield: 3 Wells	=	\$2,710,000	0%	
Stockdale East Wellfield: 2 Wells	=	\$1,790,000	0%	
Superior Wellfield: 6 Wells	=	\$5,680,000	50%	\$2.84 m
Wells Overall Subtotal:	=	<u>\$10,180,000</u>		
CVC Turnout		\$1,020,000	25%	\$255,000
Central Intake (See Attached Sheet)		\$3,180,000	to	\$5,320,000 50% \$2.66 m
Pumping Plant - Phase 1 (Structure)		\$1,000,000	25%	\$250,000
Phase 1 Total:		<u>\$15,380,000</u>	to	<u>\$17,520,000</u> ~\$6 m

Phase 2: Recharge

Pumping Plant - Phase 2 (Pumps and Piping)		\$2,210,000	25%	\$550,000
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PHASE 1 & 2 GRAND TOTAL: \$17,590,000 to \$19,730,000

~ \$6.5 m