

MINUTES OF THE JANUARY 20, 2015
SPECIAL MEETING
OF THE PUEBLO CONSERVANCY DISTRICT

Directors Present: Paul Willumstad, Matt Cordova, Barb Bernard, Bill Alt, Ron Serna,
Corinne Koehler

Also Present: Administrator Rick Kidd

Guests: Kim Kock, NorthStar Engineering
Mike Cuppy, NorthStar Engineering

With a quorum present, the special meeting of the Pueblo Conservancy District was called to order at 7:58 am.

Kock passed out catalog data for tie-downs that ASI proposed for installing in the Levee concrete. Tie-downs were not included in the bid documents so the costs to furnish and install them are additional costs. They are stainless steel and rated at 500 pounds each. Ropes could be directly clipped to them, or a rope could be strung between two tie-downs and serve as a line to tether to. The contractor's proposal for the tie-down anchors is \$100 each. At 72-foot spacing it will take approximately 70 tie-downs, for a total cost of \$7000. Willumstad expressed concerns about this encouraging people to be on the Levee. Kidd said that about four years ago the Fire Department asked for permission to install anchors along the River. The Board granted permission, but to Kidd's knowledge none had been installed. Kidd is to see if the Fire Department still wants tie-down anchors. The consensus was that if there is to be new painting on the Levee the work needs to be governed by policy guidelines and criteria. It was decided to postpone a decision on this issue until the full Board was able to discuss it further.

Kock said that they had identified the location of the toe of the Levee in various places. They have found it at about 3-feet below the water table up along Wildhorse Creek. But at the confluence of the Arkansas River and Wildhorse Creek it drops about 4-feet deeper. It is believed that this is because it is where the River channel originally went in to Town and the bed is eroded deeper in this area. The aqua-dam that ASI installed is holding back the surface water in the River. The problem is that water migrating through the river bed is washing fine sand out and into the excavation between the aqua-dam and the Levee. This caused the area under the aqua-dam to become unstable so the contractor moved the aqua-dam further out into the River. The "running sand" is still resulting in structural failure underneath the aqua-dam and causing unstable conditions. NorthStar, CTL Thompson, and Kidd met with ASI the morning of January 15th and was briefed on the problem. The consensus was that ASI's proposal to drive sheet piling to support the river bed soils is the best alternative. ASI's original proposal was to get enough piling for the entire 2000 lineal foot reach where Phase I is in the Arkansas River. Kidd told them that the District did not have funding to cover the \$1M cost. Kidd believed that \$500K would be the absolute maximum that the District could cover with their income and reserves. At the meeting with ASI, it was decided to come back with a proposal to only bring in enough piling for 1200 lineal feet and then the contractor leap frog to build out the second segment. NorthStar and ASI were also to ascertain closer to anticipated final quantities and if there are any areas where money could be saved or work deferred to a later phase. This was done and the change order proposal amount reduced to \$472,615.99. This price includes the contractor's costs to procure the piling, have it delivered to the site, drive the sheet pile, excavate and backfill between the sheet piling and the Levee, and then leap frog to the next section. ASI also included a credit for them to buy back the pile at the end of the project. This sheet piling is a mixture of old and new material and will be coming in from St. Louis, Houston, and San Francisco. Kock did not receive this cost proposal until late on January 19th so he has not had an opportunity to review and confirm the reasonableness of the costs quoted. ASI offered to work with the District

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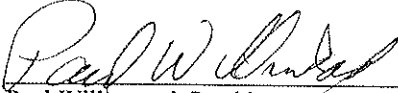
to retain possession of the sheet piling if it would be needed for future phases. Kock said that it appears that this problem will only be along the area where the River used to go into Town, so the piling may not be needed in future phases. After further discussion, Koehler moved to approve the change order at a maximum amount of \$472,615.99. Kock is to do an independent review of the cost proposal. The motion passed.

The meeting was adjourned at 9:46 am.

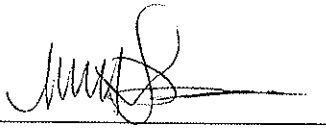
There will be a special meeting held on January 22 to meet with the area contractor and union representatives.

The next regular meeting date will remain January 28, 2015, at 10:30 am.

APPROVED:



Paul Willumstad, President



Matt Cordova, Secretary