



December 10, 2014

TO: JD Kehrman, City Manager

From: Shawn Middendorf, Local Manager (Alliance Water Resources)

RE: **CITY EMERGENCY PURCHASE**
Water Treatment Plant
Product Line Replacement

Water immediately exiting the RO units is called product water and flows through a 10" pipe from inside the RO room through the North wall into a blend vault in the yard. This 10" pipe exits the building at a low point through a sub floor, at which the depth outside the building in relation to surface grade is greater than +/- 14'. Operators noticed water flowing through a large conduit when no precipitation had been recently recorded that would have indicated ground water. Trouble-shooting began to better identify the origin of a potential leak. Conductivity testing strongly indicated that the water coming in through the conduit was from the product line. While the plant was shut down, staff opened the product pipe inside the building and performed a CCTV inspection revealing a small gap at a 45 degree bend. Staff began excavating to expose the damaged area, but it became too deep for existing excavation equipment and existing safety equipment. With concerns of the product line completely failing, and the plant being unable to produce drinking water, McInroy Contractors LLC was called in to make emergency repairs. This contractor was chosen based on being local and having done quality work recently on the Nevada system (16" water main installation).

Quotations as follows:

McInroy Contractors LLC

At this time I am requesting approval to allow McInroy Contractors LLC to complete emergency repairs on the product pipe line at the Water Treatment Plant for the amount not to exceed \$10,000. This is a City purchase item to be expensed from budget line item 500-5-4425-234.

If you have any questions, please contact me.

Cc: Gary Johnson, file

McInroy Contractors LLC

13910 E 54 Hwy
Nevada, MO 64772

Date	Invoice #
12/1/2014	Estimate

Bill To
Nevada Water Plant

Ship To

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
	1.5% NET 30		12/1/2014			
Quantity	Item Code	Description			Price Each	Amount
1	02 Site Work	Materials			4,150.00	4,150.00
	02 Site Work	Core Drilling			1,200.00	1,200.00
	02 Site Work	Labor / Misc			4,650.00	4,650.00
					Total	\$10,000.00