



MEMORANDUM

TO: Programs, Projects and Operations Subcommittee
FROM: Heather Guthridge, Purchasing Agent
DATE: July 5, 2012
Re: Purchase of Mobile Underground Crawler Pipe Video System

With Fiscal Year 2013 beginning staff and Management believe that moving ahead with the purchase of the Portable Mobile Video Pipeline Inspection System would be in the best interest of the District due to the following:

- 1) Importance of the Big Papillion Creek Levee System to be included in the U.S. Army Corps of Engineers Public Law 84-99, Rehabilitation Assistance for Non-Federal Flood Control Projects.
- 2) A physical or camera inspection of each drainage structure is required by January, 2013, and every five years following.
- 3) Approximately 125 pipes and culverts remain needing inspection due to restrictions of the current zoom pole camera system.
- 4) Safety of District staff is a high priority. Due to the location and nature of many pipes/culverts, this would be beneficial as a safety measure. (Attached photo)

Another option researched was to hire a contractor to complete the inspections without purchasing equipment. We have received a quote from Inuktun USA with an estimate equivalent to approximately \$100,000 for the inspection of 100 pipes. To be in compliance with USACOE, this initial inspection will be needed as well as re-inspection every five years following.

An Invitation for Formal Bids was sent to four known vendors in the area on June 25, 2012 and was advertised in the Omaha World Herald on June 26th and July 3rd. Formal bids were received and opened on July 5, 2012 at 2:30 p.m. in the District's Office. The bid summary sheet is attached for your review.

Staff recommends that the Subcommittee recommend to the Board of Directors that the low and best bid of \$54,423 submitted by Trans-Iowa Equipment, LLC for an Envirosight Rover 225 be accepted.

Example of pipe with double breaks



A large percentage of the pipes have this type of access, they were still videoed but, with a crawler unit they could be accessed through the inlet side which would be safer and faster.



Formal Bid Summary Form

Roving Video Camera

Formal, Sealed Bids Received As Listed Below

Manufacture	Mid-Iowa Solid Waste Equipment Co, Inc.	Trans Iowa Equipment, LLC
Camera system price	\$62,261.25	\$54,423
Make/Model	Aries TR3400	Envirosight Rovver 225
Delivery Date from Order	4-6 weeks	3-4 weeks
Warranty	1 year	1 year
Exceptions	None	None