



## CITY COUNCIL ACTION REPORT

May 11, 2007

TO: Phillip L. Nelson, City Manager

FROM: Brian P. Murphy, Assistant City Manager/Economic Development Services  
Susan A. Leirstein, Purchasing Director  
Timothy L. Richnak, Public Works Director

SUBJECT: Bid Waiver - Sanitary Sewer Televising Inspection Equipment Upgrade

### Background

- On January 19, 1998, Troy City Council approved the purchase of a Pearpoint P400 Color Camera Televising Inspection System for \$78,104.00 (Resolution #98-50).
- Equipment was competitively bid and opened on November 24, 1997, with seven bids received, three no bids, and one bid not meeting specifications.
- Sanitary sewer pipes are routinely inspected for damage caused by roots and debris build-up to prevent backups, private property damage and reduce the City's liability costs.
- The current camera has been in use in the City of Troy for nine years and has become obsolete with limited repair services available.
- The current 299 hydraulic drum model has become worn and obsolete, and is being replaced with the P599 electric drum which operates at a reduced noise level and is oil free allowing for cleaner operation.
- The current explosion proof cable has several splices and a thinned outer jacket that is worn to the point that it no longer gives reliable protection to the inner conductors.
- The P494 replacement camera has new features that include an automatic iris with manual override and a pan and rotate function that allows for viewing the interior of the connecting house lead. In addition, the upgrade is anticipated to extend the systems usage for another 8-10 years.
- Informal quotes were received from Pearpoint Inc. of Thousand Palms, CA, and Jack Doheny Supplies, of Northville, MI; the only two known authorized suppliers for the Michigan area.
- In review, to implement a completely new and comparable system today will range from \$80,000.00 to \$97,000.00, which is double the upgrade cost.

### Financial Considerations

- Funds are budgeted and available in the Sanitary Sewer Capital Fund account# 535.7978

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To: Phillip L. Nelson, City Manager  
Re: Bid Waiver – Televising Inspection Equipment Upgrade

### **Legal Considerations**

- Formal bidding procedures are waived, as no benefit would be derived from soliciting formal bids.

### **Policy Considerations**

- Enhance the livability and safety of the community by providing advancement of inspection into the house lead connections to the sanitary sewer system. (Goal I)
- Minimize the cost and increase the efficiency and effectiveness of City Government by maintaining reliable operation of sanitary sewer inspection equipment. (Goal II)

### **Options**

- City management and the Public Works department are requesting a waiver of the formal bid process and authorization to purchase a system upgrade for the Pearpoint Sanitary Sewer Televising Inspection Equipment from Pearpoint Inc. of Thousand Palms CA, for an estimated total cost, including shipping, of \$45,866.00, as detailed on the attached Appendix 1.

Appendix 1

	<u>Pearpoint, Inc.</u>	<u>Jack Doheny Supplies</u>
	<b>P494 Camera</b>	
	<b>22,809.00</b>	<b>22,800.00</b>
HC4949301-1	Flexiview Color Pan and Tilt	
HC4949701-1	NTSC Standard CCD Camera assembly	
	<b>Adapter</b>	
	<b>625.00</b>	<b>415.00</b>
HC4943301-1	EX to Non EX proof	
	<b>P599 Automatic Cable Reel</b>	
	<b>21,932.00</b>	<b>24,412.00</b>
HK5990001-1B	Motorized Cable Reel w/1000 ft of cable	
HC0508801	and FM approved Connectors and Footage	
HK5995301-1	Counter for use in non-hazardous locations	
HK412JJ002		
X457216K51		
HK412JJ001		
	<b>Downhole Equipment</b>	
	<b>0</b>	<b>1,690.00</b>
HK413ENZUSA	Top Man hole assembly	
HK412JJ001	Downhole Roller w/ 50' rope	
0653818T21	Bumper mount	
009720150BT	Fiber glass poles	
	<b>Approximate shipping charges</b>	
	<b>500.00</b>	
	<b>Grand Total</b>	
	<b>45,866.00</b>	<b>49,317.00</b>

REGULAR BUSINESS - CONTINUED

ITEMS REMOVED FROM CONSENT AGENDA - CONTINUED

D-4

BID AWARDS: (a) COLOR TV INSPECTION SYSTEM FOR PUBLIC WORKS;  
(d) PRESENTATION EQUIPMENT

C-10

**(a) COLOR TV INSPECTION SYSTEM FOR PUBLIC WORKS**

Resolution #98-50  
Moved by Pallotta  
Seconded by Allemon



RESOLVED, that a contract to provide a color television inspection system for use by the Department of Public Works is hereby awarded to the low bidder meeting specifications, Jack Doheny Supplies, Inc., at a cost of \$78,104, in accordance with bid tabulation opened November 24, 1997, a copy of which shall be attached to the original minutes of this meeting; and

BE IT FURTHER RESOLVED, that all bids opened November 24, 1997 for installation and maintenance of a color television inspection system for use by the Department of Public Works are hereby rejected.

Yeas: All-7

**(d) PRESENTATION EQUIPMENT**

Resolution #98-51  
Moved by Thompson  
Seconded by Stevens

RESOLVED, that a contract for the purchase, installation and maintenance of presentation equipment for Council Chambers and administrative uses, excluding the smart board rear projection with cabinet, is hereby awarded to the low bidder, City Animation, at a cost of \$20,263, in accordance with bid tabulation opened December 19, 1997, a copy of which shall be attached to the original minutes of this meeting; and

BE IT FURTHER RESOLVED, that all bids received December 19, 1997 for Alternate 1, speakers and installation in Council Chambers, are hereby rejected.

Yeas: All-7

Date: December 29, 1997

To: The Honorable Mayor and City Council

From: James C. Bacon Jr., City Manager  
John Szerlag, Assistant City Manager  
Jeanette Bennett, Purchasing Director  
Michael W. Culpepper, Coordinator, Public Works Operations   
Nancy Hines, Administrative Aide 

Re: Bid award - Color TV Inspection System

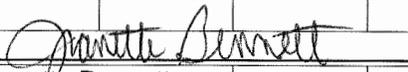
After reviewing bid proposals opened November 24, 1997 for the purchase of one television inspection system, I recommend awarding the contract to Jack Doheny Supplies, Inc., the lowest bidder meeting specifications, for a total contract price of \$78,104.00. This price does not include the three items, television, VCR and generator, listed as mandatory by Jack Doheny Supplies, Inc. The City will purchase these items competitively from other sources.

One company, Cues, came in with a lower bid but upon review of the equipment specifications, it was determined that their proposal does not meet our specifications for the following reasons:

1. The original bid specifications require that the proposed system be able to provide "color video inspection (in) of pipelines from 6" to 120" in diameter". The system Cues has proposed "will provide for the remote inspection of lines ranging from 6" to 30" including offsets and protrusions."
2. The tractor proposed by Cues utilizes a cleated track drive as opposed to the wheeled crawler that was described in the City's specifications. Past experience has shown that foreign material can become caught between the cleats thereby inhibiting the movement of the tractor.
3. The transporter proposed by Cues "comes standard with a Free-Wheel Clutch which enables the transmission to be disengaged from the track assemblies to allow easy retrieval by pulling back with the cable reel." This is a detriment in that if the transporter should happen to turn over in the pipe the cable reel will continue pulling it back possibly causing damage to the vehicle. The transporter as described in the specifications, has a reverse mode where the tractor crawls back under its own power thereby reducing potential damage. An additional feature of the specified tractor is that it requires only one operator whereas the Cues tractor requires two operators.
4. Operational and technical support is a prime consideration in the award process. Cues' service facility is located in Orlando, Florida and they utilize overnight mail to ship repair and/or spare parts, and loaner equipment. Jack Doheny Supplies, Inc. is located in Northville, MI and has indicated that they have "same-day availability of loaner equipment in the event a system component cannot readily be repaired" as specified in our bid document.

The bid proposal contains two options, one for the installation of equipment and the second for a maintenance contract. The City rejects both options. Jack Doheny Supplies and Pearpoint have offered to provide installation consultation at no charge and the City will contact them should they wish to accept the offer. As noted in the bid document, "all equipment pricing includes two (2) days operations training", and the City will contact Jack Doheny Supplies and/or Pearpoint to schedule this training.

12 Bids Sent  
7 Bids Received  
3 No Bids  
1 Bid did not meet specifications

			CITY OF TROY			SBP97-49
Opening Date -- 11/24/97			BID TABULATION			
Date Prepared -- 1/08/98			ONE TELEVISION INSPECTION SYSTEM			
VENDOR NAME:			JACK DOHENY SUPPLIES INC	ADAMS EQUIPMENT CO, INC	PEARPOINT INC	
<b>PROPOSAL -- FURNISH A PEARPOINT FLEXISCAN COLOR CAMERA SYSTEM or Approved Alternate</b>						
COMPLETE FOR THE SUM OF:			\$ 78,104	*(\$83,829)	\$ 85,972	\$ 92,676
OPTION 1: INSTALLATION OF EQUIPMENT			RECOMMEND REJECTION			
COMPLETE FOR THE SUM OF:			(\$8,450)		NO BID	(\$15,000)
EQUIPMENT LIST ATTACHED: Y/N						
ATTACHMENT 1 --			YES		YES	YES
ATTACHMENT 2 --			YES		YES	YES
OPTION 2: MAINTENANCE CONTRACT			RECOMMEND REJECTION			
YEAR 1			(\$1,200)		\$ -	N/A
YEAR 2			(\$1,200)		\$ -	N/A
YEAR 3			(\$6,500)		\$ -	N/A
INSURANCE: (Installation Option Only)						
Can Meet			XX		XX	XX
Cannot Meet						
TERMS			NET 30		NET 10	NET 30 DAYS
DELIVERY DATE			30 DAYS ARO		BLANK	60 DAYS ARO
EXCEPTIONS			NO EXCEPTIONS		BLANK	BLANK
NO BIDS:			Denotes Low Bidder Meeting Specifications			
AIN Plastics						
Badger Meter Inc						
US Filter/Dist Group			PROPOSAL -- The Furnishing and optional Installation of a Color Television Inspection System			
DMS: Cues, A Division of Elsi						
Reason -- 1)tractor, 2)transporter, 3)ongoing support and 4)inspection size of pipeline too narrow.						
ATTEST:			*NOTE: Original bid price corrected; does not include the following items--			
Michael Karloff			Television \$1,000	VCR \$350	Generator \$4375	
Mary Ann Hays						
Jeanette Bennett						
						
			Jeanette Bennett			
			Purchasing Director			
H: TVInspectionSystem.xls						