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Public Works

City Transit
263-8152

MEMORANDUM

Equipment Maintenance
Roadway Maintenance
Collection & Drainage
Building & Grounds
Engineering

To: Gregg Mandsager, City Administrator
CC: Fran Donelson, Secretary
FROM: Randy Hill, Public Works Director
DATE: December 14, 2010
RE: Video Inspection Trailer System – Closed Circuit TV

INTRODUCTION:

The Collection & Drainage Budget was allocated \$80,000 for the purchase of a camera to be used in televising the sewer infrastructure.

BACKGROUND:

The City purchased its first camera nearly 10 years ago. It has become a valuable tool in identifying problems in the sewer infrastructure and determining repair options. The cameras have become quite sophisticated. Although the current unit is still functioning, it is limited in what it is able to do and therefore what the operators are able to see and use to diagnose problems.

RECOMMENDATION/RATIONALE:

The new camera can be used throughout the year since it is not operated from the Jet-Vac truck the way the current camera is (limited use in the winter because of freezing). It requires two operators vs. four (4). The special features which go along with the proposed camera include a full pan and tilt to see in every direction; better lighting especially for larger diameter sewers; a locating beacon; the ability to look up house services; full reporting software; and digital recording capabilities to permanently televise the sewer system. This is the type of tool needed to meet EPA/DNR maintenance and inspection requirements. Most importantly, it increases the safety of our C&D crew because we do not have to physically enter the sewers to locate problems.

Spencer, Iowa received bids for the same equipment in July 2010. Two bids were received:

Mid-Iowa Solid Waste Equipment	\$93,456.00
Elliott Equipment	\$83,730.27

Elliott Equipment stated they would honor the bid they gave the City of Spencer. We requested one additional option for \$600 that allows control of the camera unit from a remote position away from the control panel in the trailer.

The final cost is \$84,330.27 to be paid from the Collection & Drainage budget. We recommend City Council's approval for the purchase of this closed circuit video camera.

BACKUP INFORMATION:

1. Elliott Equipment Quotation
- 2.
- 3.
- 4.



3100 West 76th Street
Davenport, Ia. 52806
Ph: 563-391-4840
Fax: 563-391-8823

4000 SE Beisser Drive
Grimes, Ia. 50111
Ph: 515-986-4840
Fax: 515-986-9530

Elliott Sanitation Equip. Co.
1245 Dawes Avenue
Lincoln, Ne. 68521
Ph: 402-474-4840
Fax: 402-474-4841

City of Muscatine Iowa
Attn: Matt Chandler

PRICE QUOTATION

N^o QUOTE 120110

PLEASE INDICATE THIS NUMBER WHEN ORDERING

DATE	December 1, 2010	
YOUR INQUIRY DATED		
PROPOSED SHIPPING DATE ARO		
TERMS net 30		
SALESMAN MARK VAN GUNDY		
TO BE SHIPPED VIA BEST WAY	PPD. OR XXX	COLL XXX

Here is our quotation on the goods named, subject to the conditions noted:

CONDITIONS: The prices and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by the Home Office of the Seller. Prices are based on costs and conditions existing on date of quotation and are subject to change by the Seller before final acceptance. All quotations and agreements are contingent upon strikes, accidents, fires, availability of materials and all other causes beyond our control.

Typographical and stenographic errors subject to correction. Purchaser agrees to accept either overage or shortage not in excess of ten percent to be charged for pro-rata. Purchaser assumes liability for patent and copyright infringement when goods are made to Purchaser's specifications. When quotation specifies material to be furnished by the purchaser, ample allowance must be made for reasonable spoilage and material must be of suitable quality to facilitate efficient production.

Conditions not specifically stated herein shall be governed by established trade customs. Terms inconsistent with those stated herein which may appear on Purchaser's formal order will not be binding on the Seller.

TERMS: Balances over 30 days from date of invoice are subject to interest at the rate of 1 1/2% per month.

Item	Description	Unit Cost	Total Cost
1	<p>RS Technical Services Video Inspection Trailer System per Quote # 09467 with Elliott Equipment Co concession Has Posm Lite with MPEG (can UP GRADE T0 POSM PRO</p> <p>With options 1 year Tech Support, 2 days posm training, 12'x 8' trailer, Motorized Elevator for TrakStar Zoom Camera, Black/White rear view camera With LED lighting,</p> <p>Includes delivery</p>		\$ 84,330.27

TERMS: NET 30 DAYS

Customer's Name: City of Muscatine Iowa

By:

Date:

DELIVERY: AS SCHEDULED

ELLIOTT EQUIPMENT COMPANY

Mark Van Gundy, Sewer Equipment Sales Mgr

This quotation becomes a contract for delivery and payment of the services and/or products listed above only when signed by the customer or one of officers, and is returned to our office either by mail or fax.