CITY OF LODI

PUBLIC WORKS DEPARTMENT

COUNCIL COMMUNICATION

Year should be 1991

		PROJECT DATA	
TO:	City Council	Originally Budgeted:	1989-90
		Budgeted Fund:	17.1-012.06
FROM:	City Manager	Amount Budgeted:	$25,760
		Total Project Estimate:	$25,000
MEETING DATE:	January 2, 1990	Bid Opening Date:	1/30/91

AGENDA TITLE: Specifications and Advertisement for Bids for a Sectional Sewer Rodding Machine for Water/Wastewater Division's Service Crews

---

RECOMMENDED ACTION: That the City Council approve the specifications for sectional sewer rodding machine and authorize advertising for bids to be received Wednesday, January 30, 1991.

BACKGROUND INFORMATION: Funds to purchase a sectional sewer rodding machine for the Water/Wastewater Division's service crews were approved in the 1989-90 Operations/Maintenance Budget. A special allocation request was approved July 17, 1990 to carry over the funds to the 1990-91 fiscal year.

The sectional rodding machine will replace an old unit for regular maintenance of sewers and for emergency cleaning of blocked sewers.

Jack L. Ronsko
Public Works Director

JLR/FEF/sh

cc: Purchasing Officer
Water/Wastewater Superintendent

APPROVED: Thos. A. Peterson
THOMAS A. PETERSON, City Manager

FILE NO.

1290WR.07

December 19, 1990

PUBLIC WORKS DEPARTMENT WATER/WASTEWATER DIVISION WASTEWATER	SUPPLEMENTAL BUDGET REQUEST 1989 - 1990	RODDING MACHINE

Fund Code: 17 Account Code: Equip. Fund Object Code: 504	___ NEW Item or Program _X_ REPLACEMENT Life Expectancy - 15 Years	Cost $21,000 Miscellaneous 4,500 Tax 1,260 Trade-in -1,000 Total Cost $25,760

JUSTIFICATION:

The requested unit will replace an existing unit that was purchased used from the telephone company in 1962 and later mounted on a 1968 cab and chassis. From that time through 1978, this unit was the primary maintenance tool of the City's sewer maintenance program.

In 1978, the City acquired its first hydro-jet cleaner unit which was billed as the ultimate sewer cleaner for all types of stoppages. After a few years of operating the hydro-jet cleaner, it was quickly apparent that some tasks could not be correctly addressed with this unit (i.e., massive root intrusion and extreme grease problems.)

The rodding machine was quickly put back into use for those occasions the hydro-jet could not handle. The rodding machine abated those stubborn problems efficiently.

Our rodding machine was recently inspected by the original manufacturer. He found replacements for most components of this unit are not available; they would have to be machined or fabricated, and he wasn't certain that was even possible.

It is proposed that the City purchase a new hydraulically-operated rodding machine to be mounted on the existing 1968 cab and chassis. With a 15-year life expectancy, this equates to $1,700 per year. Current need for this unit is six to ten times per year. This amounts to $170 to $280 per each task assigned. These amounts are relatively small compared to health and safety responsibilities of the division and the reduced liability to the City.

Below is a detailed breakdown of costs:

18 h.p. standard model rodding machine	$17,500
Automatic rodding operation	3,500
Remove old unit and install new unit	3,500
Paint existing cab	1,000
Sales tax	1,260
Trade-in or sale	- 1,000
Total	$25,760

_X_ Brochure, picture and/or specifications attached.