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CITY COUNCIL MEETING
AUGUST 19, 1987

PURCHASE OF AERATION
DIFFUSERS FOR WHITE
SLOUGH WATER POLLUTION
CONTROL PLAN
APPROVED

CC-20
CC-47

Following introduction of the matter Council, on motion of Council Member Hinchman, Reid second, approved the purchase of Aeration Diffusers for the White Slough Water Pollution Control Plant from the Parkson Corporation, the sole supplier, in the amount of \$86,464.20.



CITY OF LODI

PUBLIC WORKS DEPARTMENT

COUNCIL COMMUNICATION

TO:	City Council	Project Data	
		Originally Budgeted:	1987/88
FROM:	City Manager	Budgeted Fund:	Wastewater Capital Outlay (17.2)
		Amount Budgeted:	\$175,000
MEETING DATE:	August 19, 1987	Total Project Estimate:	\$148,900
AGENDA TITLE:	Approve Purchase of Aeration Diffusers for White Slough Treatment Facility		

RECOMMENDED ACTION: That the City Council approve the purchase of aeration diffusers from the Parkson Corporation, the sole supplier, in the amount of \$86,464.20.

BACKGROUND INFORMATION: In the 1987/88 Capital Improvement Program being approved by the City Council at its August 19 regular meeting, is \$175,000 for aeration improvements.

It has been determined from experimental installation of Parkson's aeration diffusers that if all of the existing diffusers are replaced at this time, the City can obtain a 45% improvement in air distribution. This would increase the plant capacity and alleviate the need for a sewer moratorium prior to the plant expansion. We have had Parkson aeration diffusers in place on an experimental basis since December 1986 and have had no problems with reduced power consumption. The attached letter from Black and Veatch indicates that Parkson Corporation is the sole supplier of a proven aeration diffuser. For this reason, along with the need for standardization, we are requesting Council approval of the aeration diffusers necessary to change out all three of our existing aeration basins.

The plant was designed for 5.8 million gallons per day and we currently have a flow of approximately 6.1 million gallons per day. It is important that this modification be done as soon as possible. Because of the long delivery time, we are recommending purchasing the materials directly from the supplier and furnishing them to a contractor for installation. Black and Veatch is currently preparing the installation specifications and we will be going out to formal bid on this work.

A breakdown of the total aeration project costs is as follows:

Material purchased, FOB Lodi	\$86,500
Installation by formal contract	50,000±
Engineering and inspection	12,400
TOTAL	\$148,900

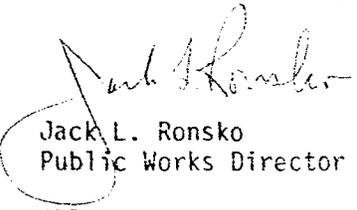
APPROVED:

Thomas A. Peterson
 THOMAS A. PETERSON, City Manager

FILE NO.

City Council
August 19, 1987
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The City's Purchasing Officer has approved this proposal.



Jack L. Ronsko
Public Works Director

JLR/ma

Attachment

cc: Finance Director
Purchasing Officer
Water/Wastewater Superintendent

BLACK & VEATCH
ENGINEERS-ARCHITECTS

RECEIVED
CITY OF LODI
TEL. (415) 944-5770 DEPARTMENT

3470 BUSHKIRK AVENUE
PLEASANT HILL, CALIFORNIA 94523

MAILING ADDRESS: P. O. BOX 4247
WALNUT CREEK, CALIFORNIA 94596

Proposal for Engineering Services
for Retrofit of Aeration Diffusers
at White Slough Water Pollution
Control Facility

B&V Project 83245.506
July 27, 1987

City of Lodi
221 West Pine St.
Lodi, CA 95240

Attention: Mr. Jack L. Ronsko
Director of Public Works

Gentlemen:

* The Parkson Corporation is the sole supplier of proven medium bubble aeration diffusers. Other companies are currently marketing medium bubble diffusers based on German technology and patents. Unfortunately, we do not have long term operating data for these other suppliers so cannot really evaluate long term maintenance costs for their units.

* Because of the above facts, we recommend the City purchase the diffusers directly from Parkson. We can obtain a firm price from Parkson prior to your issuing a purchase order. We can evaluate the fairness of the price at that time. Should you require a bid from them, we could obtain a firm price before their bid and use the leverage of other suppliers to insure a fair price.

↖ This has been done.

An additional benefit is that purchase-installation separate contracts allow for more positive scheduling of plant shut-down for installation.

Very truly yours,

BLACK & VEATCH


Kenneth D. Jones
Regional Manager

adg
Enclosure