



CITY OF SACRAMENTO

DEPARTMENT OF GENERAL SERVICES

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CITY CLERKS OFFICE
CITY OF SACRAMENTO

MAR 27 4 07 PM '85

OFFICE OF THE DIRECTOR

March 22, 1985
SS:Admin:FM:RA:bb

FACILITY MAINTENANCE DIVISION
FLEET MANAGEMENT DIVISION
RISK MANAGEMENT & INS. DIVISION
SUPPORT SERVICES DIVISION

City Council
Sacramento, California

Honorable Members In Session:

SUBJECT: Recommendation of Award

CITY MANAGER'S OFFICE
RECEIVED
MAR 26 1985

SUMMARY

Attached is a tabulation of sealed proposals received by the City Clerk for furnishing two (2) sweepers in accordance with specifications adopted by the City Council.

RECOMMENDATION

Based on the user's and Fleet Management's evaluation of the equipment and their recommendation (see attached letters), it is recommended that the City Council accept the lowest responsive and responsible proposal, as to specifications, submitted as follows:

<u>Bid No.</u>	<u>Bidder</u>	<u>Items Awarded</u>	<u>Contract Amount</u>
767 - 2 each Shopping Mall and Parking Lot Sweepers to be used by the Fleet Management Division	Tennant Company 1080 N. Kraemer Place Anaheim, CA 92806 (P.O.# 45280)	All	\$49,512.40

APPROVED
BY THE CITY COUNCIL

APR 2 1985

OFFICE OF THE
CITY CLERK

Sufficient funds are available to award the contract.

Respectfully submitted,

Frank Mugartegui
Frank Mugartegui
Director General Services

Recommendation Approved

Walter J. Slipe
Walter J. Slipe
City Manager

April 2, 1985
All Districts

3 Attachments

BID NO. 767 - TWO (2) SHOPPING MALL AND PARKING LOT TYPE SWEEPERS

<u>Bidder</u>	<u>Total Bid Price</u>	<u>Prompt Payment Discount</u>
Clarklift-West, Inc.	\$35,934.00*	Net
San Francisco Equipment Co.	43,686.84*	1% 10 days
Tennant Company	<u>49,512.40</u>	1/2% 15 days
Nikon-Egli Equipment Co.	No Bid	
R. F. Dickson Company, Inc.	No Bid	
Ricker Machinery	No Bid	
Athey Products Co.	No Bid	
F.M.C. Corporation	No Bid	

*Major exceptions taken

Estimated Cost: \$46,000

User: Fleet Management/Parking Division/Parks and Community Services

Due Date: February 15, 1985

SPECIFICATION COMPARISON

<u>Item #</u>	<u>Description</u>	<u>Tennant 360</u>	<u>Advance</u>	<u>Amer Linc.</u>
1.	Adjustable steering wheel	Yes	No	No
2.	Tires, pneumatic	Yes	No	No
3.	82.5 dba noise level	Yes	No	No
4.	16 cu ft hopper cap	Yes	No	No
5.	48" Main broom	Yes	No	No
6.	Rotary seal	Yes	No	No
7.	Hydraulic brake	Yes	Yes	No
8.	60" sweep path	Yes	No	No
9.	Company backed, nationwide, 48 hr. critical parts shipment program	Yes	No	No
10.	Factory warranty	2 yrs. 2000 hr/parts 30 day labor	1 yr.parts	90 day parts
11.	U. L. approval	Yes	No	No
12.	90° high dump angle	Yes	No	No
13.	Multi level hopper dump	Yes	No	No
14.	Power steering	Yes	No	No
15.	15° gradeability	Yes	No	No
16.	18" and 21" tires	Yes	No	No
17.	Electrically activated dump door	Yes	No	No
18.	Filter damage protection	Yes	No	No
19.	Fire protection	Yes	No	No
20.	Optional vac wand	Yes	No	No



CITY OF SACRAMENTO

DEPARTMENT OF GENERAL SERVICES

FLEET MANAGEMENT DIVISION

March 14, 1985
FM:85026:RM/ml

R.E. MOORE
Superintendent

MEMORANDUM

TO: Frank Mugartegui, Director of General Services
FROM: Fleet Management
SUBJECT: PARKING LOT SWEEPER

The FY 1984-85 Fleet Mangement Replacement Budget has two parking lot sweepers approved for replacement. During the life of these units a high number of mechanical failures, operational problems and downtime was experienced. In developing a specification, Fleet Management and the using Departments looked at our existing sweepers to determine what was creating the problems and to see if any improvements had been made in the industry to provide a more trouble free unit.

During the evaluation of various sweepers, we found that Tennant Company had recently developed a new Model 360 parking lot sweeper. Many of the features offered by Tennant answered concerns voiced by using Departments and my staff. Some of the problem areas experienced with previous sweepers have been addressed in Tennant's new design. The major areas where we have had problems are parts availability, maneuverability, driver fatigue, dumping ability, and ease of maintenance. Because of these reasons, the specification was developed using the Tennant 360 as a guideline. Bids were received from three manufacturers, with only Tennant Company not taking exception. After the bid opening, Advance was asked to demonstrate their unit at the City parking lots, because of a potential saving in purchase cost. The Advance sweeper did not perform as well as the Tennant 360, was unable to pick up all debris, was not as maneuverable, required the driver to dismount and manually empty the debris hopper, was a rougher riding piece of equipment, and was noisier. I have attached letters from the Parking Division Manager and his staff comparing the Advance sweeper and the Tennant 360 sweeper. Also attached is a comparison of features from all three bidders.

Even though an initial savings could be achieved by waiving the exceptions taken by Advance, both the using Departments and I anticipate the following:


1. Higher operating cost due to double sweeping at times, less maneuverability, lost time dumping debris;
2. A potential of industrial injuries stemming from the rougher ride, lack of power steering, not being able to adjust the steering wheel position;
3. Potential for increased downtime due to parts availability; and
4. A shorter warranty period.

Frank Mugartegui

Page 2

As the Parking Division's Manager stated in his memo, we have been plagued with problems trying to keep the parking lots clean and the equipment running. By purchasing a sweeper that does not address some of these problems it will lead to even higher costs and loss of man hours far exceeding the difference in purchase cost.

I recommend the City accept the lowest responsive and responsible bid and award the contract to the Tennant Company for two Model 360 parking lot sweepers.


R. E. "Gene" Moore
Fleet Management Superintendent

Attachments



CITY OF SACRAMENTO

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MAR 7 1985

6

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRANSPORTATION DIVISION

EQUIPMENT MAINTENANCE
DIVISION

PARKING SECTION
1023 J STREET, SUITE 202 SACRAMENTO, CALIFORNIA 95814

TELEPHONES (916)

OFF STREET PARKING 449-5354
ON STREET PARKING 449-5644

March 5, 1985
REF:85-03-19

M E M O R A N D U M

TO: Gene Moore, Fleet Management Superintendent
FROM: J. Mark Morgan, Parking Division Manager
SUBJECT: ACQUISITION OF POWER SWEEPER FOR CITY PARKING LOT
MAINTENANCE OPERATORS

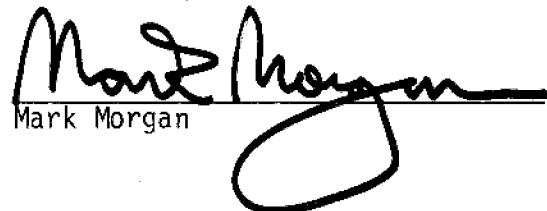
Based on Earl Spear's memorandum of March 1, 1985 in regards to this matter, I strongly urge you to accept the bid for the Tennent 360 Sweeper and reject the Advance 5600 bid.

We are all aware of the great task we face in maintaining the City Parking Facilities with only 2 power sweepers. Maintaining the power sweepers has itself been a problem over the past years due to wear and tear, inherent equipment characteristics, and parts availability.

The motorist, who drives downtown to shop or do other kinds of business, first experiences our municipal parking facilities. We all want to enhance that experience for the motorists by providing well-maintained parking facilities.

Therefore, I strongly encourage you to accept the Tennent 360 bid as that which is the most appropriate and beneficial to the city in terms of return on investment. A lesser investment with far less return is not worth the immediate savings, due to the greater costs involved in terms of down-time, inherent operating characteristics, and shorter useful life.

If you think otherwise, please contact me prior to final action on this matter.


Mark Morgan

JMM/ckn

cc: Mel Johnson, Director of Public Works
Les Frink, Deputy Director of Public Works
Frank Mugartegui, Director of General Services
Earl Spear, Facility Maintenance Supervisor



CITY OF SACRAMENTO

RECEIVED
MAR 4 1985

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND TRANSPORTATION DIVISION

EQUIPMENT MAINTENANCE
DIVISION

PARKING SECTION
1023 J STREET, SUITE 202 SACRAMENTO, CALIFORNIA 95814

TELEPHONES (916)

OFF STREET PARKING 449-5354
ON STREET PARKING 449-5644

March 1, 1985
REF: 85-03-02

M E M O R A N D U M

TO: Gene Moore, Fleet Management Superintendent
FROM: Earl J. Spear, Parking Facility Maintenance Supervisor
SUBJECT: SWEEPER PURCHASE FOR PARKING LOTS

On February 26, 1985 a demonstration was conducted in Parking Lot P with the Advance 5600 Sweeper and the results were compared by my maintenance personnel to a previous Tennant 360 demonstration. We still desire to purchase the Tennant 360 Sweeper and supporting reasons are as follows:

1. Advance does not have adjustable tilt steering wheel and adjustable seat position needed to position body of driver for minimum fatigue due to prolonged rough, inclined surface driving, as well as between parking lots within the City.
2. Tires on Advance are not pneumatic and rough, inclined, berm covered surfaces of parking facilities require pneumatic type tires unless some shock absorbing suspension system is provided to make operation as smooth or smoother than pneumatic tires.
3. Advance debris hopper must be picked up before going into lots, over quick ramp surface changes or over water diverter berms experienced in all present lots. Considerable damage occurs at each of these points if this action is not performed (Mall personnel are very aware of this deficiency) and is very time consuming in sweeping lots even if operator does remember to take this action (since other sweepers we presently have do not have this requirement).
4. Advance debris hopper can not be dumped without getting off sweeper (time consuming) and doesn't get close enough to side of present trash trailer

to dump trash into trailer without dropping a portion outside trailer. Trash must be dumped from both sides and rear of trailer to get balanced loading.

5. Single tire in rear of Tennant allows for better sweeping in tight corners and irregular areas experienced in parking lots. Advance did not perform as well.
6. Advance did not have a rotary seal system to more completely pick-up all types of trash.
7. Single tire in front of Advance allows an unbalance of weight distribution to occur due to the heavy engine being on the left side and quick turns on cornering throw the unit off balance very quickly.
8. Base area of Tennant is more rugged and this is where most failures occur (Advance representative also verified this fact during demonstration).
9. When hard rubber tires hit grease/oil spots they slip and slide and are more susceptible to accidents on ramps.
10. Advance did not pickup all trash, found in parking lots and took considerable repeat area sweeping to cleanup it could handle without just pushing trash out of sweepers way (there was a large amount placed in a limited area for test, but all had been picked up that week in other lots).
11. Noise level was not measured in decibels at ear level for both sweepers, but operators felt Advance was considerably noisier than Tennant.
12. Maximum driving speed of Advance is slower than Tennant and this is an important factor in cost of time lost traversing between parking facilities.
13. Advance does not have safety feature to automatically seal-off filter area in case of fire in the debris hopper (this happened in previous Tennant and did function as advertised).
14. Hard rubber tires wear out quicker on parking lot rough surfaces.
15. Mall personnel reported considerable time required to get parts at times for their present Advance.

- 16. Advance has no possible vacuum attachment for hard to get places near walls or guard rails of parking lots.
- 17. My operator who has a history of back problems due to rough riding hard tire sweeper aggravation (presently drives pneumatic tire unit) and I would like to continue to accommodate his needs so as to keep utilizing his excellent experienced services.


 Earl J. Spear

EJS/bjc

cc: Mel Johnson, Director of Public Works
 Les Frink, Deputy Director of Public Works
 J. Mark Morgan, Parking Division Manager
 Frank Mugartegui, Director of General Services

April 3, 1985

Tennant Company
1080 N. Kraemer Place
Anaheim, CA 92806

Dear Gentlemen:

On April 2, 1985, the Sacramento City Council accepted your bid in the amount of \$49,512.40 for Bid No. 767 - two shopping mall lot sweepers, to be used by the Fleet Management Division, all items (PO45280).

The City Support Services Administrator will contact you concerning the necessary contract.

Sincerely,

Anne J. Mason
Assistant City Clerk

AJM/dbp/6

cc: Support Services Division

April 4, 1985

Clarklift-West, Inc.
4100 Florin Road
Sacramento, CA 95826

Gentlemen:

This is to inform you that you were not the successful bidder for 2 each shopping mall and parking lot type sweepers. The said bid having been awarded by the City Council at the regular meeting of April 2, 1985, to Tennant Company in the amount of \$49,512.40.

No bid security was required on the above bid.

Sincerely,

LORRAINE MAGANA
CITY CLERK



Connie R. Petersen
Deputy City Clerk

km/

April 4, 1985

San Francisco Equipment Co.
14361 Catalina St.
San Leandro, CA 94577

Gentlemen:

This is to inform you that you were not the successful bidder for 2 each shopping mall and parking lot type sweepers. The said bid having been awarded by the City Council at the regular meeting of April 2, 1985, to Tennant Company in the amount of \$49,512.40.

No bid security was required on the above bid.

Sincerely,

LORRAINE MAGANA
CITY CLERK



Connie R. Petersen
Deputy City Clerk

km/