



REVISED

**OPERATIONS COMMITTEE  
MARCH 16, 2006**

**SUBJECT: HOIST INSTALLATION AT BUS MAINTENANCE DIVISION 18**

**ACTION: AUTHORIZE MODIFICATION 2 TO CONTRACT NO. C0718 FOR  
AN AMOUNT NOT-TO-EXCEED \$200,000**

**RECOMMENDATIONS**

Authorize the Chief Executive Officer to execute contract modification 2 to Contract No. C0718 with Pinner Construction Company to replace hoists at bus maintenance Division 18 for an amount not-to-exceed \$200,000, increasing the Total Contract Value from \$6,160,000 ~~6,103,883~~ to \$6,360,000 ~~6,303,883~~.

**RATIONALE**

On June 04, 2004, the Chief Executive Officer approved a contract award to Pinner Construction Company for \$5,710,000 to replace a total of 38 existing in-ground hoist assemblies at eight bus facilities. The majority of these hoists were over 20 years old. Leaks had developed in the hydraulic systems of these hoists, and in some cases, the equipment had become inoperable. These conditions had caused inefficiencies to bus maintenance functions, high liability due to subsurface environmental contamination and an increase in operating costs due to heavy hydraulic fluid usage. Construction activities for this contract are 100% complete, and the installed hoists are operational.

The contract includes installation of two-post hoists for maintenance of 40-foot and 45-foot buses, and installation of three-post hoists for the new 60-foot articulated buses. At the project programming stage, Division 18 was to receive only two-post hoists, because 60-foot buses were not planned for this location. However, based on the current articulated bus deployment plan, 60-foot buses are scheduled to be deployed out of Division 18 in December 2006. In order to allow for operation and maintenance of articulated vehicles at Division 18 by December 2006, staff recommends upgrading two existing hoists by installing a third post to each. This will allow Division 18 to maintain up to 30 articulated buses.

In June 2005, the Board authorized a modification to this contract for a not-to-exceed amount of \$450,000 to relocate and restore underground utility lines that interfered with the hoist installation. The actual amount for contract modifications to date for relocating the underground utilities is \$393,883. Staff is now requesting the Board to authorize a second modification to Contract C0718 for an additional amount of \$200,000 to cover the addition of the third posts at Division 18 for accommodation of the articulated buses.

## **FINANCIAL IMPACT**

Funding for this action is included in the FY06 Budget in Cost Center 3341, Line Item 53101, Capital Project No. 202065, Articulated Bus Facility Modifications. The life-of-project budget does not change as a consequence of the increase to the contract value.

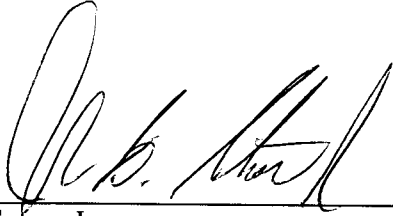
## **ALTERNATIVES CONSIDERED**

The Board of Directors may choose not to authorize the contract modification. However, this alternative is not recommended, since rejection of the contract modification would result in Division 18 not being able to accommodate articulated buses by the December 2006 service change.

## **ATTACHMENTS**

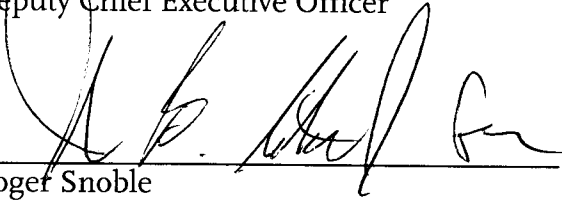
- A Procurement Summary
- A-1 Procurement History
- A-2 List of Subcontractors
- B Modifications

Prepared by: Andi Wang, Supervising Engineer  
Frank Foster, Senior Contract Administrator



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John B. Cafoe, Jr.  
Deputy Chief Executive Officer



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Roger Snoble  
Chief Executive Officer

**BOARD REPORT ATTACHMENT A  
PROCUREMENT SUMMARY**

**HOIST INSTALLATION AT BUS MAINTENANCE DIVISION 18**

1.	Contract Number: C0718		
2.	Recommended Vendor: Pinner Construction Company.		
3.	Cost/Price Analysis Information:		
	A. Bid/Proposed Price: \$N/A	Recommended Price: \$N/A	
	B. Details of Significant Variances are in Attachment A-1.D		
4.	Contract Type: Firm Fixed Price		
5.	Procurement Dates:		
	A. Issued N/A		
	B. Publicized: N/A		
	C. Pre-proposal Conference: N/A		
	D. Proposals Due N/A		
	E. Pre-Qualification Co N/A		
	F. Conflict of Interest Form Submitted to Ethics: February 2004		
6.	Small Business Participation:		
	A. Bid/Proposal Goal:  10% DBE goal	Date Small Business Evaluation Completed: April 22, 2004	
	B. Small Business Commitment: 10.01% DBE Details are in Attachment A-2		
7.	Invitation for Bid/Request for Proposal Data:		
	Notifications Sent:  N/A	Bids/Proposals Picked up: N/A	Bids/Proposals Received:  N/A
8.	Evaluation Information:		
	A. Bidders Name:  N/A	<u>Bid / proposal Amount:</u>  N/A	<u>Best and Final Offer Amount:</u>  N/A
	B. Evaluation Methodology: Explicit Factors. Details are in Attachment A-1.C		
9.	Protest Information:		
	A. Protest Period End Date: N/A		
	B. Protest Receipt Date: N/A		
	C. Disposition of Protest Date: N/A		
10.	Contract Administrator: Frank Foster	Telephone Number: 922-3716	
11.	Project Manager: Andi Wang	Telephone Number: 922-4722	

**BOARD REPORT ATTACHMENT A-1  
PROCUREMENT HISTORY**

**HOIST INSTALLATION AT BUS MAINTENANCE DIVISION 18**

**A. Background on Contractor**

Pinner Construction Company, headquartered in Anaheim, California, has been in business for 85 years. Pinner is a general contractor that specializes in Public Sector jobs, which contain vehicle maintenance facilities and lifts. A few of these jobs include; the City of Montebello Corporate Yard and Transit Operations Center and Port of Long Beach "T" Hanjin Container Terminal.

Peterson Hydraulic has been a subcontractor for these jobs and others. The relationship shared by Pinner Construction and Peterson Hydraulics, Inc. continues to this day with the Metro Hoist Replacement Project.

Pinner performance under contract C0718, awarded in June 2004 has been satisfactory to date.

**B. Procurement Background**

Contract No. C0718, Hoist Replacement at Bus Maintenance Divisions 2, 5, 7, 8, 10, 15, 18, and RRC, is a Capital Project authorized by the Board, awarded on June 11, 2004. The award included a base price of ~~\$2,422,520~~ ~~\$2,423,114~~ for work at the above listed Divisions with an option for additional hoists at Divisions 2, 8, 10, and 15 in the amount of ~~\$3,287,480~~ ~~3,310,000~~. This option has been exercised for a total contract value of \$5,710,000. In June 2005 the board authorized a modification to this contract for a not to exceed a amount of \$450,000 to restore and relocate underground utilities lines, increasing the total contract value from \$5,710,000 to ~~\$6,160,000~~ ~~6,160,883~~. Construction for this contract is complete and the hoists are operational.

The scope of work required the contractor to design and furnish all labor material and equipment necessary to remove all existing hoist/lift systems, their related accessories and underground structures, and replace with new adjustable, self contained two post or three post or a parallelogram hoist systems as well as numerous underground electrical conduits and ducts that interfered with the installation work. Relocation of the lines was merited as an out-of-scope change and construction was completed as scheduled. Two post hoists for maintenance of 40 and 45-foot buses were installed at Division 18. Currently Division 18 has been scheduled to receive 30 new 60-foot articulated buses by December 2006. The two-post hoist system will not accommodate the articulated buses.

Six contract modifications have been executed to date for electrical conduit and one additional 3-post hoist totaling \$393,883. Based upon the remaining construction, authorization to execute modifications up to a contingency amount not-to-exceed \$200,000 is essential to cover the addition of the third post at Division 18 for accommodation of the articulated buses.

**C. Evaluation of Proposals:**

Not Applicable

**D. Cost/Price Analysis Explanation of Variances**

The recommended price has been determined to be fair and reasonable based upon comparison with independent cost estimate, Price Analysis, fact finding and engineering clarification.

Modification	Bid Proposal Amount	Estimate	Negotiated Amount
Change Order 1 (Division 7)	\$ 41,623.	\$ 38,136	\$ 38,896
Change Order 2 ( Division 5 electrical)	\$ 59,152	\$ 55,274	\$ 45,987
Change Order 3 Division 7 & 10 electrical	\$ 15,000	\$ 12,000	\$ 12,000
Change Order 4 (Division 15 electrical)	\$ 25,000	\$ 23,000	\$ 22,000
Change Order 5 (Division 18 electrical)	\$139,000	\$125,000	\$118,000
Change Order 6 (Division. 7 Hoist)	\$183,000	\$160,000	\$157,000
<b>Total Amount to Date:</b>			<b>\$393,883</b>

**BOARD REPORT ATTACHMENT A-2  
LIST OF SUBCONTRACTORS**

**HOIST INSTALLATION AT BUS MAINTENANCE DIVISION 18**

**PRIME CONTRACTOR: PINNER CONSTRUCTION COMPANY**

Small Business Commitment \_\_\_\_\_

Verduzco Electric \_\_\_\_\_  
3.19%

G & F Concrete Cutting  
6.82%

**Total DBE Commitment** — **10.01%**

**SMALL BUSINESS PARTICIPATION (Contract #C0718)**

The Diversity and Economic Opportunity Department (DEOD) established a Disadvantaged Business Enterprise (DBE) participation goal of 10.01%. The contract was awarded July 9, 2004 and is approximately 90% complete. Current DBE attainment<sup>1</sup> based on the relevant contract amount<sup>2</sup> is 10.94%. Current DBE participation<sup>3</sup> based on the total actual amount paid-to-date to prime is 12.15%. The two (2) original DBE subcontractors are performing on the Contract as listed.

**Original Award Amount** \$ **5,710,000**

**Relevant Contract Amount<sup>2</sup>** \$ **6,160,000**

**Total Actual Amount Paid to Date to Prime** \$ **5,493,495**

<b><u>Subcontractor</u></b>	<b><u>Commitment</u></b>	<b><u>Current Attainment<sup>1</sup></u></b>	<b><u>Curent Participation<sup>3</sup></u></b>	<b><u>Current Status</u></b>
G&F Concrete Cut	6.82%	5.95%	6.61%	Performing
Verduzco Electric	3.19%	3.19%	5.54%	Exceeding
<b><u>TOTAL</u></b>	<b><u>10.01%</u></b>	<b><u>10.94%</u></b>	<b><u>12.15%</u></b>	<b><u>Exceeding the Goal</u></b>

**ATTACHMENT B**

Allowance for future modifications based on experience to date:

Modification Cont.	Engineering Estimate	Modification Work completed	Description of Work
Work Completed at Divisions 2, 5, 7, 8, 10, 15, 18 & RRC	\$365,117	\$393,383	Work in general includes emergency repair of concealed electrical conduits or other u/g utilities damaged during excavation.
Division 18 Remaining Work	\$200,000		Installation of third post
<b>Total Modification Amount</b>	<b>\$200,000</b>	<b>-0-</b>	<b>\$200,000</b>