



CITY COUNCIL AGENDA REPORT

MEETING DATE: September 7, 2004

ITEM NUMBER:

SUBJECT: 17TH STREET, 19TH STREET, AND ALLEY NO. 111 REHABILITATION - CITY PROJECT NO. 04-11

DATE: AUGUST 24, 2004

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: WILLIAM J. MORRIS, DIRECTOR OF PUBLIC SERVICES

FOR FURTHER INFORMATION CONTACT: ERNESTO MUNOZ, CITY ENGINEER, (714) 754-5343

RECOMMENDATION:

1. Award a construction contract to R.J. Noble Company, 15505 E. Lincoln Avenue, Orange, CA 92865, in the amount of \$633,457.80.
2. Authorize the Mayor and the Deputy City Clerk to execute the Public Works Agreement.

BACKGROUND:

The Public Services Department manages the City's street system with the aid of a sophisticated computer software program. The Pavement Management Application (PMA) software is an essential tool which allows the City's engineers to inventory, rate, analyze, and report on the conditions of the City's street system. The City utilizes the PMA software and methodology to inventory and prioritize street maintenance resulting in an optimum use of available street maintenance funds.

As funding becomes available, those street segments determined to be the highest and most cost effective priorities in accordance with the PMA are repaired first. The ultimate goal is to significantly reduce expensive street reconstruction and concentrate available funding on extending pavement life through preventive maintenance.

A typical asphalt-paved road has an average service life of about 20 years, but a great number of City streets are more than 30 years old. Preventive maintenance has extended their service life many years, but many of them are now beyond repair. This project proposes to reconstruct two arterial streets and one residential alley that currently rank highest in the PMA report.

The project scope of work consists of the complete removal of the existing roadway; construction of a full-depth asphalt concrete pavement section; construction of a new Asphalt Rubber Hot Mix (ARHM) roadway driving surface; reconstruction of damaged curb and gutter; placement of new traffic striping and markings; and all other work necessary for the completion of the project.

The project locations are 17th Street (from Placentia Avenue to Monrovia Avenue); 19th Street (from Fullerton Avenue to Orange Avenue); and Alley No. 111, which is between Santa Ana Avenue and Raymond Avenue, and between Costa Mesa Street and Walnut Street.

ANALYSIS:

On July 12, 2004, the Deputy City Clerk received and opened five bids for this project. R.J. Noble Company was the apparent low bidder with a total base bid proposal of \$633,457.80. The Engineer's base bid estimate was \$740,372; and the average of the seven bids received amounted to \$686,850.31. The Bid Abstract is included herein as "Attachment 1."

The license and references of R.J. Noble Company were checked and staff has found them to be in good standing. R.J. Noble Company has successfully completed various projects for the City in the past few years including the rehabilitation of Park Avenue, Shalimar Drive, Ohms Way, Farad Street, Newhall Street, Flamingo Drive, Pelican Place, and Alley No. 110; Santa Ana Avenue (from Santa Isabel Avenue to Mesa Drive); 19th Street (from Orange Avenue to Santa Ana Avenue); Orange Avenue (from Broadway to 22nd Street); Fair Drive (from Harbor Boulevard to Vassar Place); Hamilton Street (from Charle Street to Pomona Avenue); Fairview Road (from Fair Drive to the Paularino Channel); and the Fairview Road and Baker Street intersection.

ALTERNATIVES CONSIDERED:

The alternative to this Council action would be to reject all the bids. If all the bids were to be rejected, the City would have to readvertise or cancel the project. Staff believes that readvertising the project will not result in lower bids.

FISCAL REVIEW:

The City Council approved the use of Gas Tax funds in Fiscal Year 2003-04 to move forward with this project. There is currently \$740,372 in Gas Tax funds allocated for this project.

The purchase requisition for this expenditure (Attachment 2) has been approved by the Finance Department acknowledging the availability of the funds.

LEGAL REVIEW:

R.J. Noble Company has furnished the necessary bonds and insurance, which have been approved as to form by the City Attorney's office. After the award and subsequent execution of the contract, a "Notice to Proceed" will be issued.

CONCLUSION:

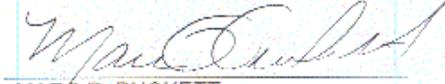
It is recommended that the City Council award the contract to R.J. Noble Company in the amount of \$633,457.80; and authorize the Mayor and the Deputy City Clerk to execute the Public Works Agreement.



ERNESTO MUNOZ
City Engineer



WILLIAM J. MORRIS
Director of Public Services



MARC R. PUCKETT
Director of Finance

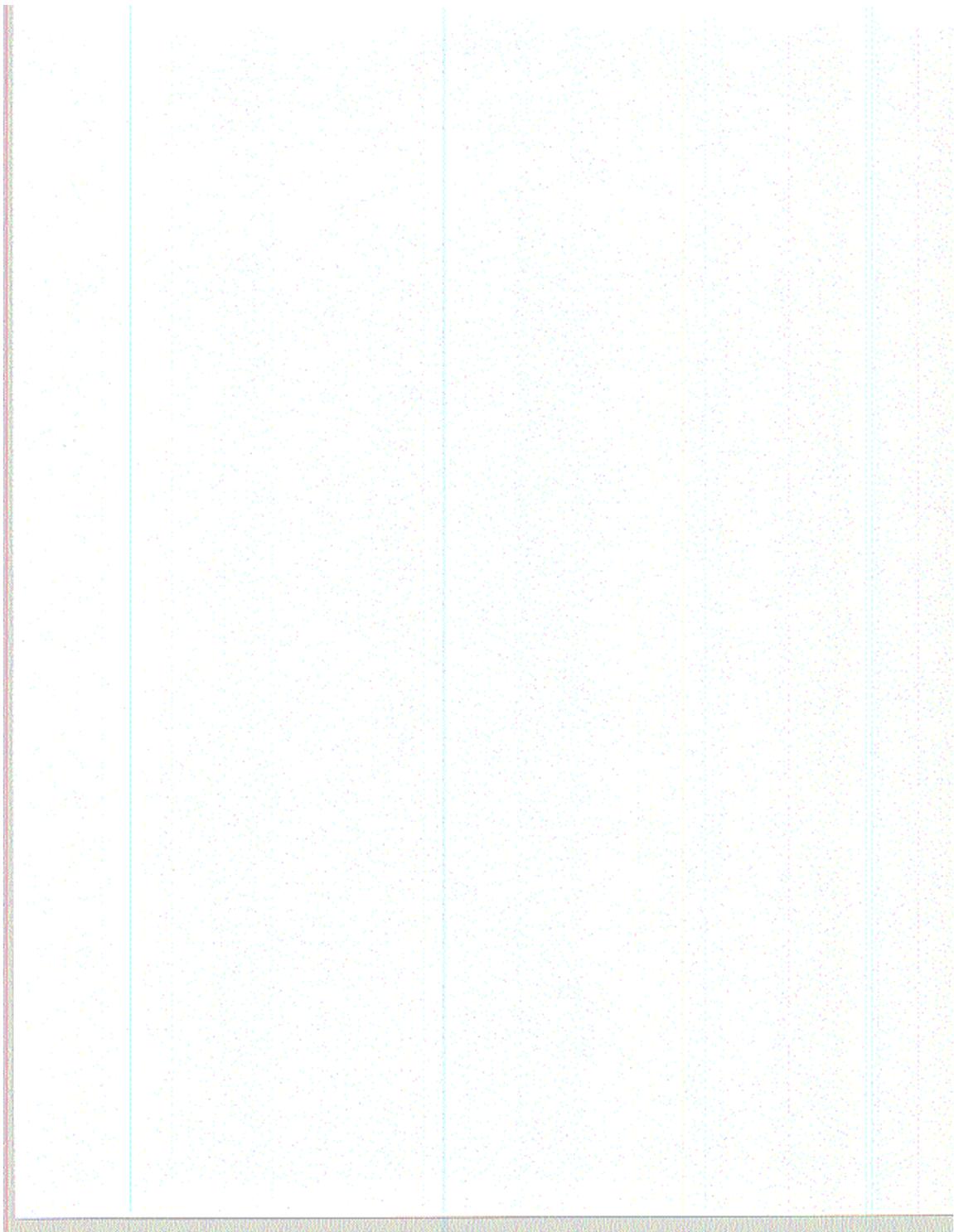
DISTRIBUTION: City Manager
Acting City Attorney
Deputy City Clerk
Staff
File

ATTACHMENTS: "1" Bid Abstract
"2" Purchase Requisition

File Name Award 17th Street
Rehabilitation Report

Date 08-24-04

Time 3:15 p.m.



CITY OF COSTA MESA
DEPARTMENT OF PUBLIC SERVICES
17TH STREET, 19TH STREET, AND ALLEY NO. 111 REHABILITATION
PROJECT NO. 04-11
BID OPENING DATE: JULY 12, 2004

ATTACHMENT 1

1. RJ NOBLE COMPANY
Orange

2. ALL AMERICAN ASPHALT
Corona

3. SHAWHAN
Downey

CITY ESTIMATE			CITY ESTIMATE			CITY ESTIMATE						
NO.	BID QUANTITY	DESCRIPTION	UNIT	PRICE	TOTAL	UNIT	PRICE	TOTAL	UNIT	PRICE	TOTAL	
1	1	Mobilization	LS	\$37,000.00	\$37,000.00							
2	2,558	Unclassified Excavation (roadway only)	CY	\$25.00	\$64,700.00							
3	1,000	Asphalt Rubber Hot mix (ARHM) surface course	TON	\$58.00	\$58,000.00							
4	40	6" Asphalt Concrete (base)	TON	\$58.00	\$2,320.00							
5	4,735	Asphalt Concrete Base Course	SF	\$20.425	\$96,725.00							
6	1,221.6	6" PCC Pavement (including rebar)	SF	\$12.00	\$14,659.20							
7	7	Adjust Manhole frame and cover to grade	EA	\$450.00	\$3,150.00							
8	20	Adjust Manhole frame and cover to grade	EA	\$400.00	\$8,000.00							
9	2585	Driveway/2-lane Approach (including CMB and excavation)	SF	\$7.90	\$17,745.00							
10	2220	Remove and Reconstruct Type "C" Curb and Gutter	LF	\$28.00	\$62,160.00							
11	4525	Remove and construct Sidewalk (including CMB & excavation)	SF	\$5.00	\$22,625.00							
12	280	Construct Wheelchair Access Ramps (including CMB & excavation)	SF	\$6.00	\$1,680.00							
13	790	Remove and Reconstruct PCC Cross Curbs and Ramps (including CMB & excavation)	LF	\$12.00	\$9,480.00							
14	16	Remove and Reconstruct PCC "V" gutter (including CMB & excavation)	SF	\$12.00	\$192.00							
15	2	Purge Tree Roots & Install Root Barrier	EA	\$500.00	\$1,000.00							
16	3	Construct Pathway Curb	EA	\$200.00	\$600.00							
17	1	Traffic stationing, pavement markings and signs	LS	\$5,000.00	\$5,000.00							
18	6	Reflective Blue RPM	EA	\$5.00	\$30.00							
19	1	Traffic control	LS	\$5,000.00	\$5,000.00							
20	8	Install traffic signal loops	EA	\$500.00	\$4,000.00							
21	1	Reset Existing - Set New Survey Monuments and Pins	EA	\$1,000.00	\$1,000.00							
22	4000	Pavement (base) (pavement) - at direction of Engineer	SF	\$1.00	\$4,000.00							
23	250	Unclassified Excavation (overexcavation at direction of Engineer)	CY	\$25.00	\$6,250.00							
24	620	CMB/Overexcavation at direction of Engineer	TON	\$15.00	\$9,300.00							
25	1	Project Management	LS	\$10,000.00	\$10,000.00							
TOTAL:					\$740,372.00						\$642,278.00	\$678,608.00

CITY OF COSTA MESA
DEPARTMENT OF PUBLIC SERVICES
17TH STREET, 19TH STREET, AND ALLEY NO. 111 REHABILITATION
PROJECT NO. 04-11
BID OPENING DATE: JULY 12, 2004

4. EXCEL PAVING CO.
Lucy Baskin

BID NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	LS	Mobilization	\$14,415.00	\$14,415.00	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00
2	2.988 CY	Unclassified Excavation (roadway only)	\$33.00	\$95,464.00	\$49.00	\$126,812.00	\$34,200.20	\$34,200.20
3	1000 TON	Asphalt Rubber Hotmix (ARHM) surface course	\$61.50	\$61,500.00	\$60.00	\$60,000.00	\$55,700.00	\$55,700.00
4	40 TON	6" Asphalt Concrete (matte)	\$95.00	\$3,800.00	\$90.00	\$3,600.00	\$3,328.00	\$3,328.00
5	4735 TON	Asphalt Concrete Base Course	\$50.50	\$238,117.50	\$46.00	\$217,810.00	\$168,388.50	\$168,388.50
6	12215 SF	6" PCC Placement (including excavation)	\$7.50	\$91,612.50	\$6.00	\$73,290.00	\$63,672.75	\$63,672.75
7	7 EA	Adjust Merkle frame and cover to grade	\$450.00	\$3,150.00	\$450.00	\$3,150.00	\$439.00	\$3,073.00
8	20 EA	Adjust Water Valve cover and cover to grade	\$392.00	\$7,840.00	\$380.00	\$7,600.00	\$346.40	\$6,928.00
9	2535 SF	Driveway/Driveway Approach (including CMB and excavation)	\$7.75	\$19,646.25	\$13.00	\$32,950.00	\$7.00	\$17,745.00
10	2220 LF	Remove and Reconstruct Type "C-6" Curb and Gutter	\$30.30	\$67,266.00	\$42.00	\$93,240.00	\$32.90	\$72,978.00
11	4525 SF	Remove and reconstruct Sidewalk (including CMB & excavation)	\$7.00	\$31,675.00	\$7.00	\$31,675.00	\$6.70	\$30,317.50
12	250 SF	Construct Wheelchair Access Ramp (including CMB & excavation)	\$15.00	\$3,750.00	\$7.50	\$1,875.00	\$10.00	\$2,500.00
13	750 LF	Remove and Reconstruct PCC Cross Gutter and expand (including GBY & excavation)	\$12.25	\$9,187.50	\$15.00	\$11,250.00	\$12.50	\$9,375.00
14	18 SF	Remove and Reconstruct PCC "V" gutter (including CMB & excavation)	\$115.00	\$2,070.00	\$25.00	\$450.00	\$41.70	\$750.60
15	2 EA	Plant Tree Roots & Install Root Barrier	\$404.00	\$808.00	\$700.00	\$1,400.00	\$465.00	\$930.00
16	3 EA	Construct Parkway Drain	\$3,480.00	\$10,440.00	\$365.00	\$1,095.00	\$2,761.00	\$8,283.00
17	1 LS	Traffic striping, pavement markings and signs	\$3,033.00	\$3,033.00	\$4,000.00	\$4,000.00	\$4,356.60	\$4,356.60
18	5 EA	Reflective Blue SSM	\$7.00	\$35.00	\$5.00	\$25.00	\$7.26	\$36.30
19	1 LS	Traffic camera	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$23,117.80	\$23,117.80
20	6 EA	Install traffic signal loops	\$334.00	\$2,004.00	\$300.00	\$1,800.00	\$330.00	\$2,000.00
21	1 EA	Reset Existing - Set New Survey Monuments and Tags	\$346.00	\$346.00	\$500.00	\$500.00	\$602.20	\$602.20
22	4000 SY	Pavement fabric (Permanul) - at direction of Engineer	\$1.75	\$7,000.00	\$1.25	\$5,000.00	\$1.00	\$4,184.00
23	200 CY	Unclassified Excavation/Construction at direction of Engineer	\$24.00	\$4,800.00	\$19.00	\$3,800.00	\$28.10	\$5,620.00
24	520 TON	CMB/Construction at direction of Engineer	\$14.50	\$7,540.00	\$10.00	\$5,200.00	\$12.10	\$6,292.00
25	1 LS	Project Management	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$70,000.00	\$70,000.00
TOTAL:				\$719,294.75		\$760,613.00		\$686,850.31

5. EBS, INC.
Coveno

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TOTAL:				\$719,294.75		\$760,613.00		\$686,850.31

CITY OF COSTA MESA, CALIFORNIA
Purchase Requisition

Requisition Number
 (Assigned by Purchasing)

Purchase Order Number
 (Assigned by Purchasing)

04 AUG 20 AM 10: 08

Business Unit: CITY OF COSTA MESA, CALIFORNIA	Date Requisitioned: 8-19-04
Department: PUBLIC SERVICES	Division: ENGINEERING/CONST. MGMT.
Ship To Address: 77 FAIR DRIVE, 4 TH FLOOR, COSTA MESA, CA 92626	
Contact Person: TOM BANKS	Phone Number: 5222

Item No.	Quantity	Unit	Items (Give Full Description: Size, Catalog No. Etc.)	Unit Price	Estimated Amount
1	1	LT	CONSTRUCTION CONTRACT: REHABILITATION OF 17 TH ST., 19 TH ST., AND ALLEY NO. 111 - PROJ. #04-11		\$633,457.80
			NOTE: CITY COUNCIL APPROVAL/AWARD SEPTEMBER 7, 2004		

Const./Prof. Svs. Agmt. Completion Date: NOVEMBER 8, 2004 Estimated Total Cost † \$633,457.80

Item No.	Account	Fund	Dept./Org.	Program	Project	Amount
1	500000	201	19200	30111	400015	\$633,457.80
Total †						\$633,457.80

Dept's Suggested Vendor: R.J. NOBLE COMPANY
 Address: 15505 E. LINCOLN AVENUE
 City, State, Zip Code: ORANGE, CA 92865
 Phone: (714) 637-1550
 Vendor's Contact Person: MICHAEL J. CARVER

Ordered By: FF. [Signature] 8-19-04
Department Director/Authorized Signature
 Approved By: [Signature]
Director of Finance/Purchasing Officer
 Approved By: _____
City Manager (when required)

PURCHASING DIVISION USE ONLY	
Purchase Order Vendor ID:	Buyer:
Ship To:	Location:
Standard Comments:	Ship Via:
Delivery/Completion Due Date:	Payment Terms:
Freight Terms:	Freight Amount:

FINANCE DEPARTMENT USE ONLY	
Available Appropriation: <u>② 3,493,750</u>	
Special Terms/Condition:	