



# CITY OF HAYWARD AGENDA REPORT

AGENDA DATE 3/17/98

AGENDA ITEM 4

WORK SESSION ITEM \_\_\_\_\_

TO: Mayor and City Council  
FROM: Director of Public Works  
SUBJECT: **NOISE DEFLECTOR, EXPANSION OF INTERIOR RUN-UP AREA, AND  
ADDITIONAL RUNWAY EXIT TAXIWAY: AWARD OF CONTRACT**

## Recommendation

It is recommended that the City Council:

1. Approve Addendum No. 1, which extended the bid opening date by one week to February 24, 1998, and changed the pre-bid conference location and date; and
2. Award the contract to Redgwick Construction Company of Hayward, California, in the amount of \$202,436, including Additive Alternate 1.

## Background/Discussion:

This project will provide a noise deflector to contain aircraft noise, dust and fumes, expand the interior run-up area of runway 28L, and extend cross-taxiway "C" from runway 28L to the south-parallel taxiway "T." The taxiway extension will allow clearing the runway faster for safer landings.

On January 20, 1998, the City Council approved the plans and specifications and called for bids to be received on February 17, 1998. The bid date was extended to February 24, 1998, by Addendum No. 1, to allow additional time for the contractors to prepare their bids. Eight bids were received ranging from \$186,061 (13 percent below the Engineer's Estimate) to \$255,308 (19 percent over the Engineer's Estimate). The low bid of \$186,061 was submitted by Redgwick Construction Company of Hayward, California.

Bids were also received on an alternate item to pave an area between the interior run-up area and the east "T" hangars. This additional paved area will eliminate areas of failing pavement and loose gravel. Because of the favorable bids, it is recommended that award include the additional paving for the bid amount of \$16,375.00.

Because the project is funded in part with a Federal Aviation Airport Improvement grant, the Federal Disadvantaged Business Enterprise (DBE) program applies. Under the federal program there is no separate category for Women Business Enterprises (WBE), and the single goal can be met with any combination of DBEs or WBEs. The goal for Disadvantaged Business Enterprise (DBE) participation for the project had been established at 10 percent by City staff, based on available subcontracting opportunities. The low bidder, Redgwick Construction, obtained 16 percent DBE participation by utilizing DBE subcontractors for fencing, pavement grinding, and trucking of materials.

**Project Cost:**

The estimated costs of the project are as follows:

Construction Cost	\$ 202,436
City Administration	16,000
Consultant Services	25,000
Inspection and Survey	27,000
Work by City Crews	<u>3,000</u>
TOTAL	\$ 273,436

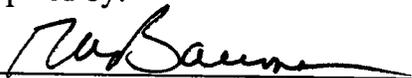
**Funding:**

A total of \$285,000 is included under the Airport Capital Improvement Fund in the 1997/98 Capital Improvement Program. It is anticipated that the Federal Aviation Administration will reimburse the City approximately \$235,000, under an approved agreement with the City.

**Schedule:**

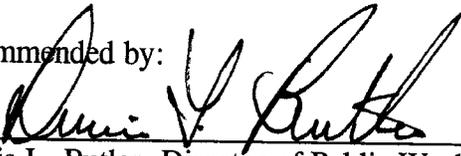
Award Contract	March 17, 1998
Begin Work	April 21, 1998
Complete Construction	June 7, 1998

Prepared by:



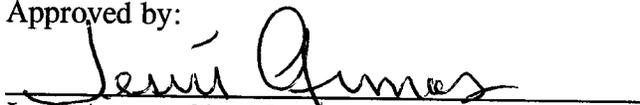
Robert A. Bauman, Deputy Director of Public Works

Recommended by:



Dennis L. Butler, Director of Public Works

Approved by:



Jesus Armas, City Manager

Attachments: Exhibit A: Summary of Bids  
Exhibit B: Addendum No. 1

CITY OF HAYWARD  
 TAXIWAY C, RUNWAY 28L RUNUP AREA & BLAST DEFLECTION FENCE  
 PROJECT NOS. 6866, 6880, & 6881  
 BIDS OPENED: FEBRUARY 24, 1998

(NUMBER OF BIDS RECEIVED - 8)

BID SUMMARY			ENGINEER'S ESTIMATE		REDGWICK CONSTRUCTION CO. 25599 HUNTWOOD AVENUE HAYWARD CA 94544 (510) 782-0400		GALLAGHER & BURK, INC. 344 HIGH STREET (PO BOX 7227) OAKLAND CA 94601 (510) 261-0466		
ITEM	QUANTITY	UNIT	UNIT	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	T/W C EARTHWORK & SITE PREP	28,000.00	28,000.00	10,600.00	10,600.00	16,500.00	16,500.00
2	1	LS	RUNUP AREA EARTHWORK & SITE PREP	17,560.00	17,560.00	12,000.00	12,000.00	23,800.00	23,800.00
3	1,110	CY	AGGREGATE BASE	25.00	27,750.00	30.00	33,300.00	30.00	33,300.00
4	1,900	TON	ASPHALT CONCRETE	42.00	79,800.00	37.00	70,300.00	36.00	68,400.00
5	120	LF	DOUBLE 12-INCH STORM DRAIN	40.00	4,800.00	36.00	4,320.00	74.00	8,880.00
6	780	LF	ELECTRICAL TRENCH & BACKFILL	5.00	3,900.00	6.50	5,070.00	4.75	3,705.00
7	1,060	LF	2-INCH PVC DUCT	2.00	2,120.00	2.15	2,279.00	5.00	5,300.00
8	1,120	LF	#8 - 5KV CABLE	1.00	1,120.00	1.10	1,232.00	2.80	3,136.00
9	1	EA	L-867 SPLICE CAN	400.00	400.00	550.00	550.00	400.00	400.00
10	5	EA	EDGE LIGHT	500.00	2,500.00	550.00	2,750.00	550.00	2,750.00
11	3	EA	LIGHTED SIGN	2,500.00	7,500.00	2,400.00	7,200.00	2,950.00	8,850.00
12	16	EA	TAXIWAY REFLECTOR	50.00	800.00	60.00	960.00	50.00	800.00
13	650	LF	8-FOOT BLAST FENCE	25.00	16,250.00	20.00	13,000.00	20.00	13,000.00
14	1	ACRE	HYDRO SEED	1,500.00	1,500.00	2,500.00	2,500.00	3,000.00	3,000.00
15	1	LS	ADMINSTRATIVE CHANGE ORDER	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
<b>TOTAL BASE BID</b>					214,000.00		186,061.00		211,821.00
<b>ADDITIVE ALTERNATE 1 - HANGER AREA ENTRANCE PAVING</b>									
AA1-A	1	LS	EARTHWORK & SITE PREP	5,000.00	5,000.00	2,500.00	2,500.00	4,200.00	4,200.00
AA1-B	375	TON	ASPHALT CONCRETE	42.00	15,750.00	37.00	13,875.00	44.00	16,500.00
<b>TOTAL ALTERNATE BID</b>					20,750.00		16,375.00		20,700.00
<b>TOTAL BASE &amp; ALTERNATE BID</b>					234,750.00		202,436.00		232,521.00

CITY OF HAYWARD  
 TAXIWAY C, RUNWAY 28L RUNUP AREA & BLAST DEFLECTION FENCE  
 PROJECT NOS. 6866, 6880, & 6881  
 BIDS OPENED: FEBRUARY 24, 1998

(NUMBER OF BIDS RECEIVED - 8)

BID SUMMARY			ENGINEER'S ESTIMATE		BAY CITIES PAVING & GRADING, INC. 5029 FORNI DRIVE CONCORD CA 94520 (510) 687-6666		FERMA CORPORATION 1265 MONTECITO AVENUE, SUITE 200 MOUNTAIN VIEW CA 94043 (650) 961-2742		
ITEM	QUANTITY	UNIT	UNIT	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	T/W C EARTHWORK & SITE PREP	28,000.00	28,000.00	30,175.00	30,175.00	17,000.00	17,000.00
2	1	LS	RUNUP AREA EARTHWORK & SITE PREP	17,560.00	17,560.00	21,730.00	21,730.00	18,000.00	18,000.00
3	1,110	CY	AGGREGATE BASE	25.00	27,750.00	27.00	29,970.00	38.00	42,180.00
4	1,900	TON	ASPHALT CONCRETE	42.00	79,800.00	36.35	69,065.00	40.00	76,000.00
5	120	LF	DOUBLE 12-INCH STORM DRAIN	40.00	4,800.00	46.00	5,520.00	70.00	8,400.00
6	780	LF	ELECTRICAL TRENCH & BACKFILL	5.00	3,900.00	6.50	5,070.00	6.75	5,265.00
7	1,060	LF	2-INCH PVC DUCT	2.00	2,120.00	2.25	2,385.00	2.25	2,385.00
8	1,120	LF	#8 - 5KV CABLE	1.00	1,120.00	1.10	1,232.00	1.15	1,288.00
9	1	EA	L-867 SPLICE CAN	400.00	400.00	550.00	550.00	560.00	560.00
10	5	EA	EDGE LIGHT	500.00	2,500.00	550.00	2,750.00	560.00	2,800.00
11	3	EA	LIGHTED SIGN	2,500.00	7,500.00	2420.00	7,260.00	2475.00	7,425.00
12	16	EA	TAXIWAY REFLECTOR	50.00	800.00	60.50	968.00	62.00	992.00
13	650	LF	8-FOOT BLAST FENCE	25.00	16,250.00	20.50	13,325.00	19.35	12,577.50
14	1	ACRE	HYDRO SEED	1,500.00	1,500.00	3080.00	3,080.00	2200.00	2,200.00
15	1	LS	ADMINSTRATIVE CHANGE ORDER	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
TOTAL BASE BID					214,000.00		213,080.00		217,072.50
ADDITIVE ALTERNATE 1 - HANGER AREA ENTRANCE PAVING									
AA1-A	1	LS	EARTHWORK & SITE PREP	5,000.00	5,000.00	9,385.00	9,385.00	8,000.00	8,000.00
AA1-B	375	TON	ASPHALT CONCRETE	42.00	15,750.00	54.85	20,568.75	63.00	23,625.00
TOTAL ALTERNATE BID					20,750.00		29,953.75		31,625.00
TOTAL BASE & ALTERNATE BID					234,750.00		243,033.75		248,697.50

CITY OF HAYWARD  
TAXIWAY C, RUNWAY 28L RUNUP AREA & BLAST DEFLECTION FENCE  
PROJECT NOS. 6866, 6880, & 6881  
BIDS OPENED: FEBRUARY 24, 1998

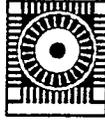
(NUMBER OF BIDS RECEIVED - 8)

BID SUMMARY			ENGINEER'S ESTIMATE		O'GRADY PAVING, INC. 2513 WYANDOTTE STREET MOUNTAIN VIEW CA 94043 (650) 966-1926		GRANITE CONSTRUCTION COMPANY PO BOX 50085 WATSONVILLE CA 95077-5085 (408) 724-1011		
ITEM	QUANTITY	UNIT	UNIT	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	T/W C EARTHWORK & SITE PREP	28,000.00	28,000.00	25,000.00	25,000.00	17,000.00	17,000.00
2.	1	LS	RUNUP AREA EARTHWORK & SITE PREP	17,560.00	17,560.00	15,000.00	15,000.00	16,000.00	16,000.00
3	1,110	CY	AGGREGATE BASE	25.00	27,750.00	35.00	38,850.00	37.00	41,070.00
4	1,900	TON	ASPHALT CONCRETE	42.00	79,800.00	38.00	72,200.00	47.00	89,300.00
5	120	LF	DOUBLE 12-INCH STORM DRAIN	40.00	4,800.00	80.00	9,600.00	63.00	7,560.00
6	780	LF	ELECTRICAL TRENCH & BACKFILL	5.00	3,900.00	7.00	5,460.00	6.00	4,680.00
7	1,060	LF	2-INCH PVC DUCT	2.00	2,120.00	2.20	2,332.00	2.00	2,120.00
8	1,120	LF	#8 - 5KV CABLE	1.00	1,120.00	1.50	1,680.00	1.00	1,120.00
9	1	EA	L-867 SPLICE CAN	400.00	400.00	600.00	600.00	500.00	500.00
10	5	EA	EDGE LIGHT	500.00	2,500.00	600.00	3,000.00	500.00	2,500.00
11	3	EA	LIGHTED SIGN	2,500.00	7,500.00	2400.00	7,200.00	1200.00	3,600.00
12	16	EA	TAXIWAY REFLECTOR	50.00	800.00	60.00	960.00	55.00	880.00
13	650	LF	8-FOOT BLAST FENCE	25.00	16,250.00	22.00	14,300.00	19.00	12,350.00
14	1	ACRE	HYDRO SEED	1,500.00	1,500.00	2800.00	2,800.00	3600.00	3,600.00
15	1	LS	ADMINSTRATIVE CHANGE ORDER	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
<b>TOTAL BASE BID</b>					214,000.00		218,982.00		222,280.00
<b>ADDITIVE ALTERNATE 1 - HANGER AREA ENTRANCE PAVING</b>									
AA1-A	1	LS	EARTHWORK & SITE PREP	5,000.00	5,000.00	6,500.00	6,500.00	5,750.00	5,750.00
AA1-B	375	TON	ASPHALT CONCRETE	42.00	15,750.00	38.00	14,250.00	47.00	17,625.00
<b>TOTAL ALTERNATE BID</b>					20,750.00		20,750.00		23,375.00
<b>TOTAL BASE &amp; ALTERNATE BID</b>					234,750.00		239,732.00		245,655.00

CITY OF HAYWARD  
TAXIWAY C, RUNWAY 28L RUNUP AREA & BLAST DEFLECTION FENCE  
PROJECT NOS. 6866, 6880, & 6881  
BIDS OPENED: FEBRUARY 24, 1998

(NUMBER OF BIDS RECEIVED - 8)

BID SUMMARY			ENGINEER'S ESTIMATE		MCGUIRE AND HESTER 9009 RAILROAD AVENUE OAKLAND CA 94603 (510) 632-7676		NG&N CONST. GENERAL ENGIN. CONTR. PO BOX 3236 VALLEJO CA 94590 (707) 643-4715		
ITEM	QUANTITY	UNIT	UNIT	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	T/W C EARTHWORK & SITE PREP	28,000.00	28,000.00	20,163.00	20,163.00	18,000.00	18,000.00
2	1	LS	RUNUP AREA EARTHWORK & SITE PREP	17,560.00	17,560.00	20,750.00	20,750.00	15,000.00	15,000.00
3	1,110	CY	AGGREGATE BASE	25.00	27,750.00	33.00	36,630.00	23.00	25,530.00
4	1,900	TON	ASPHALT CONCRETE	42.00	79,800.00	45.00	85,500.00	45.00	85,500.00
5	120	LF	DOUBLE 12-INCH STORM DRAIN	40.00	4,800.00	55.00	6,600.00	25.00	3,000.00
6	780	LF	ELECTRICAL TRENCH & BACKFILL	5.00	3,900.00	6.00	4,680.00	11.54	9,001.20
7	1,060	LF	2-INCH PVC DUCT	2.00	2,120.00	2.00	2,120.00	8.00	8,480.00
8	1,120	LF	#8 - 5KV CABLE	1.00	1,120.00	1.00	1,120.00	7.14	7,996.80
9	1	EA	L-867 SPLICE CAN	400.00	400.00	500.00	500.00	5000.00	5,000.00
10	5	EA	EDGE LIGHT	500.00	2,500.00	500.00	2,500.00	1500.00	7,500.00
11	3	EA	LIGHTED SIGN	2,500.00	7,500.00	2200.00	6,600.00	1500.00	4,500.00
12	16	EA	TAXIWAY REFLECTOR	50.00	800.00	60.00	960.00	1000.00	16,000.00
13	650	LF	8-FOOT BLAST FENCE	25.00	16,250.00	20.00	13,000.00	32.00	20,800.00
14	1	ACRE	HYDRO SEED	1,500.00	1,500.00	2100.00	2,100.00	9000.00	9,000.00
15	1	LS	ADMINSTRATIVE CHANGE ORDER	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
<b>TOTAL BASE BID</b>					214,000.00		223,223.00		255,308.00
<b>ADDITIVE ALTERNATE 1 - HANGER AREA ENTRANCE PAVING</b>									
AA1-A	1	LS	EARTHWORK & SITE PREP	5,000.00	5,000.00	8,377.00	8,377.00	18,000.00	18,000.00
AA1-B	375	TON	ASPHALT CONCRETE	42.00	15,750.00	50.00	18,750.00	45.00	16,875.00
<b>TOTAL ALTERNATE BID</b>					20,750.00		27,127.00		34,875.00
<b>TOTAL BASE &amp; ALTERNATE BID</b>					234,750.00		250,350.00		290,183.00



CITY OF  
**HAYWARD**  
HEART OF THE BAY

Department of Public Works • Engineering & Transportation Division

January 28, 1998

**ADDENDUM NO. 1**

Subject: **TAXIWAY C, RUNWAY 28L RUNUP AREA, BLAST DEFLECTION FENCE AT THE HAYWARD AIR TERMINAL - Project No. 6866, 6880 & 6881**

**BID OPENING DATE: February 24, 1998 (Revised)**

**TO ALL PROSPECTIVE BIDDERS:**

Following is Addendum No. 1 to the specifications for the above project:

1. The bid opening date in the first sentence of paragraph 1, page 1, of the Notice to Contractors is changed to read:

**SEALED** proposals will be received at the Office of the City Clerk, at City Hall, 777 "B" Street, Hayward, California 94541, until 2:00 p.m. on **TUESDAY, February 24, 1998**, at which time they will be publicly opened and read aloud in the Public Works Conference Room (Room 4D), 4<sup>th</sup> Floor, City Hall, Hayward, CA for construction in accordance with the project plans and specifications to which special reference is made...

2. The pre-bid conference date and location in the first sentence of the last paragraph of page 1 of the Notice to Contractors is changed to read:

A pre-bid conference will be held on **Wednesday, February 11, 1998**, at **10 a.m.**, in the Public Works Conference Room (Room 4D) 4<sup>th</sup> Floor, City Hall, 777 "B" Street, Hayward, CA.

This addendum will be presented to the City Council for approval at award of the contract. Your bid should be based on the contract documents modified by this addendum.

Very truly yours,

ROBERT A. BAUMAN  
Deputy Director of Public Works

DLR/fsr

Exhibit B

**DRAFT** JB 3/4/98

HAYWARD CITY COUNCIL

RESOLUTION NO. \_\_\_\_\_

Introduced by Council Member \_\_\_\_\_

**RESOLUTION APPROVING ADDENDUM NO. 1 FOR  
NOISE DEFLECTOR, EXPANSION OF INTERIOR RUN-UP  
AREA, AND ADDITIONAL RUNWAY EXIT TAXIWAY,  
PROJECTS 6866, 6880, AND 6881, AND AWARDED  
CONTRACT TO REDGWICK CONSTRUCTION COMPANY**

WHEREAS, by resolution on January 20, 1998, the City Council approved the plans and specifications for Noise Deflector, Expansion of Interior Run-up Area, and Additional Runway Exit Taxiway, Projects 6866, 6880, and 6881, and called for bids to be received on February 17, 1998; and

WHEREAS, Addendum No. 1 was issued to extend the bid date to February 24, 1998; and

WHEREAS, the project is categorically exempt from environmental review under the California Environmental Quality Act;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Hayward that Addendum No. 1, a copy of which is on file in the office of the City Clerk, is hereby approved and adopted as part of the plans and specifications for the project.

BE IT FURTHER RESOLVED that Redgwick Construction Company., of Hayward, California is hereby awarded the contract for Noise Deflector, Expansion of Interior Run-up Area, and Additional Runway Exit Taxiway, Projects 6866, 6880, and 6881, in accordance with the plans and specifications adopted therefor, including Additive Alternative 1, and on file in the office of the City Clerk of the City of Hayward at and for the price named and stated in the bid of the hereinabove specified bidder.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement in an amount not to exceed \$202,436 for the award of the contract on behalf of the City of Hayward, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA \_\_\_\_\_, 1998

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: \_\_\_\_\_  
City Clerk of the City of Hayward

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney of the City of Hayward