



CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 05/11/99
AGENDA ITEM 2
WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Decoto Booster Pump Station Refurbish and Upgrade: Approval of Addendum and Award of Contract

RECOMMENDATION:

It is recommended that the City Council approve the attached Resolution that:

1. Approves Addendum N^o 1 which makes a minor revision to the specifications; and
2. Awards the contract to the lowest bidder, N.V. Heathorn, Incorporated, in the amount of \$936,854.

BACKGROUND:

On March 2, 1999, the City council approved the plans and specifications for the referenced project. The Decoto Booster Pump Station is an integral and important part of the water delivery system. The booster pump, located on the 24-inch Aqueduct, is now 34 years old, and safety and reliability are concerns. To enhance reliability and safety, the single existing unit will be replaced with two smaller, modern pumps and controls. The need to refurbish Decoto Booster Pump Station was identified in the Master Plan prepared for the City in 1996.

On April 13, 1999, eleven bids were received by the City and opened. N.V. Heathorn submitted the low bid in the amount of \$936,854, which is 20 percent lower than the Engineer's estimate of \$1,176,900. The second and third lowest bids were, respectively, \$972,000 by D.W. Nicholson, and \$1,010,440 submitted by CONCO West, Inc. The other bids ranged up to \$1,297,541.

The goals for Disadvantaged Business Enterprises (DBE) and for Women Business Enterprises (WBE) participation on this project were established at 5 percent combined DBE and/or WBE. Of the eleven bids received, one did not provide any DBE/WBE information, four had no DBE/WBE participation, two, including the lowest bid, had 1% DBE/WBE participation, and three met or exceeded the goal. Even though the low bidder did not meet the DBE/WBE goal, it did provide adequate documentation that demonstrates a good faith effort was made to secure the DBE/WBE participation as provided in the specifications. Staff therefore recommends that the City award the contract to N.V. Heathorn.

Environmental Review:

The pump Station refurbishment and upgrade will enable the station to meet current standards of public health and safety and will not result in expansion of use, and thus, is categorically exempt from environmental review under CEQA Section 15301, Existing Facilities.

Project Costs:

The estimated costs for the project are as follows:

Construction cost	\$936,854
Design and administration	210,000
Inspection and construction surveys	<u>60,000</u>
Total	\$1,206,854

Funding:

A total of \$1,890,000 has been approved in the Water System Replacement Fund of the 1998/99 Capital Improvement Program Budget for this project.

Schedule

The following schedule has been developed for this project:

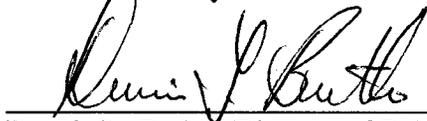
Award construction contract	May 11, 1999
Begin construction	June 14, 1999
Complete construction	February 2000

Prepared by:



Alex Ameri, Deputy Director of Public Works/Utilities

Recommended by:



Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachments: Exhibit A - Project Location Map
Exhibit B - Addendum No. 1
Exhibit C - Bid Summary

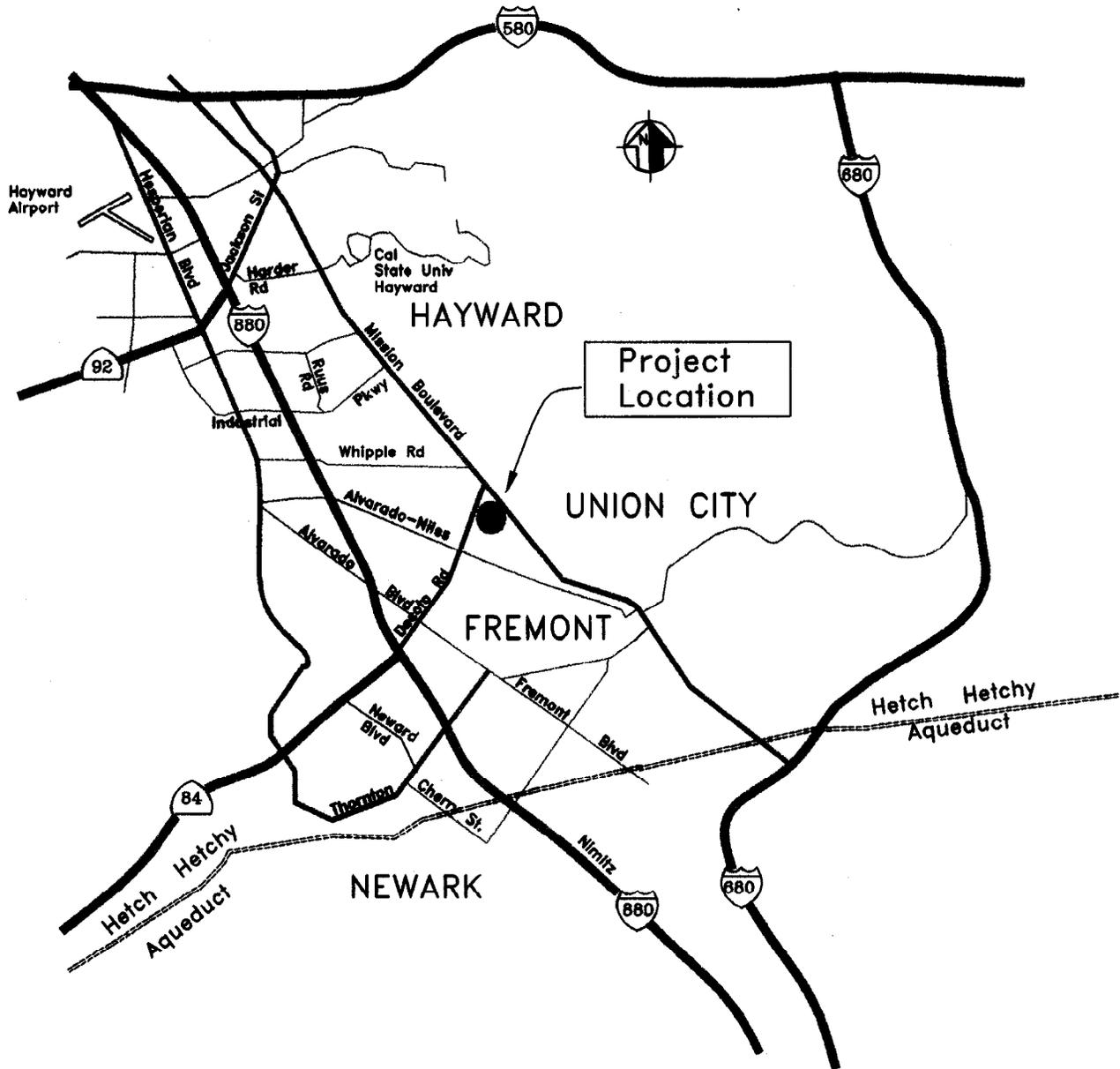
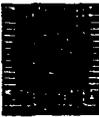


EXHIBIT A
PROJECT LOCATION MAP



CITY OF
HAYWARD
HEART OF THE BAY

April 7, 1999

ADDENDUM NO. 1

**SUBJECT: Decoto Booster Pump Station Refurbish and Upgrade;
Project No. 7143**

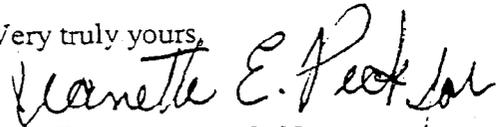
BID OPENING DATE: 2:00 p.m., April 13, 1999

TO ALL PROSPECTIVE BIDDERS:

Attached is Addendum No. 1 to the plans and specifications for the subject project.

This addendum will be presented to the City Council for approval at award of contract. Your bid shall be based on the plans and specifications as modified by this addendum.

Very truly yours,



ROBERT A. BAUMAN
Deputy Director of Public Works

HL/DC

DEPARTMENT OF PUBLIC WORKS
UTILITIES ADMINISTRATION
777 B STREET, HAYWARD, CA 94541-5007
TEL: 510/583-4700 • FAX: 510/583-3610 • TDD: 510/247-3340

PUBLIC WORKS DEPARTMENT
Engineering and Transportation Division

April 7, 1999

ADDENDUM N° 1

SUBJECT: Decoto Booster Pump Station Refurbish and Upgrade
Project No. 7143

BID OPENING DATE: 2:00 p.m., April 13, 1999

TO ALL PROSPECTIVE BIDDERS:

THIS ADDENDUM MUST BE ACKNOWLEDGED IN THE SPACE PROVIDED ON P-7 OF THE PROPOSAL. FAILURE TO DO SO MAY RESULT IN REJECTION OF THE BID.

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

SPECIFICATIONS

SECTION 01320 MEASUREMENT AND PAYMENT

1. Page 01320-3 and 01320-4, Paragraph 5.0, delete the entire paragraph and schedule.

SECTION 02200 SITE PREPARATION

1. Page 02200-1 through 02200-2, delete this entire Section.

SECTION 09960 HIGH PERFORMANCE COATINGS

1. Page 09960-10, Paragraph 3.11D, modify this paragraph to read " Exterior concrete except as noted on plan".
2. Page 09960-10, Paragraph 3.12, modify the wording "— non- immersed metal surface including:" to read "— non-immersed existing and new metal surface including:"
3. Page 09960-11, Paragraph 3.12 g., modify the wording " —metal including guard posts." to read " — -metal including roll-up door (inside and outside), entrance door, door frames, louvers, handrails on mezzanine floor and stair , bridge crane with runway and guard post".

SECTION 09970 PAINTING

1. Page 09970-1, Paragraph 1.01B, change the Section number from 09800 to 09960.
2. Page 09970-7, Paragraph 3.05 A, replace this Paragraph with a new paragraph to read" Concrete Floor: the existing pump room floor including mezzanine floor and stair shall be coated with 2 coats of 3 mil two-component polyurethane floor sealer and heat-treated corundum form alumina non-skid coating system. Primer shall be compatible with existing paint. Existing floor shall be scrubbed with detergent to remove contaminated oil and grease and washed with high pressure water (2500 to 3000 psi). Spent water shall be screened before discharging. Residue shall be disposed off site. Product shall be Devoe 528 primer and Devfloor 561 top coat by Devoe or equal."

3. Page 09970-7, Paragraph 3.05B1a, modify to read " Walls and columns".
4. Page 09970-7, Paragraph 3.05B1b, modify to read " Ceiling including mezzanine ceiling".
5. Page 09970-7, Paragraph 3.06A, Replace the first sentence to read "A sample taken from the interior wall of the building was tested by MACS lab, Inc who reports the concentration of total lead to be less than 0.02 percent. (See Attached Analysis Report, 2 pages)
6. Page 09970-7, Paragraph 3.06, add a subparagraph 3.06B to read " Contractor shall use high pressure water (2500 to 3000) psi to wash building existing interior walls and ceilings prior to painting. Wash water shall be screened before discharging to existing sewer system. Discharged water shall meet discharge requirements imposed by the local sanitary district. Contractor shall be responsible to dispose of all collected solids off site".

SECTION 11312H SPLIT CASE CENTRIFUGAL PUMPS

1. Page 11312H-7, Paragraph 2.15A, modify the first sentence to read "OWNER or ENGINEER will witness pump testing at the source or factory. Provide advanced notice of source testing as specified in Section 15958".

SECTION 13300 INSTRUMENTATION AND CONTROLS

1. Page 13300-1, Paragraph 1.02 General , add a subparagraph "D" to read " Contractor shall take responsible actions to examine statements made by product and system manufacturers with respect to Year 2000 information technology compliance. Contractor shall obtain from suppliers of components or systems certificate or satisfactory evidence that all such components or systems shall be Y2K compliant for Year 2000.

SECTION 15112 BUTTERFLY VALVES

1. Page 15112-1, Paragraph 1.03A1b, change class number from "150B" to " 250B".
2. Page 15112-1, Paragraph 1.03A2b, change the word " Flanged" to " Lug type".
3. Page 15112-4, Paragraph 2.02B1, change the word " Flanges" to " Lug type".

SECTION 15121 FLEXIBLE COUPLINGS

1. Page 15121-2, Paragraph 2.01D2, add a sentence to read " Flanged coupling adapters for pump connection shall be restrained type and shall be rated at 250 psi."

SECTION 8 PROSECUTION AND PROGRESS OF STANDARD SPECIFICATIONS

Change the sentence: "The Contractor shall perform with his own organization contract work amounting to not less than 50 percent..." to read "The Contractor shall perform with his own organization contract work amounting to not less than 30 percent..."

DRAWINGS

Drawing T-3, sheet 4 of 26

1. Revise the wording " P112" to "P110" on typical detail P220.
2. Add a Note 3 on typical detail P626 to read " Use "A"= 6 for pipe size up to 12-inch diameter".

Drawing T-4, sheet 5 of 26

1. Delete typical details No. S702 and S706. Add typical details P110 and S190 as shown on attached sketches.

Drawing C-1, sheet 6 of 26

1. Change the number "¼" in item No.3 of General Notes to "3/8".
2. Revise paving and grading shown on this Drawing to paving and grading plan shown on the attached SKETCH-1. General Notes on Drawing C-1 shall also apply to SKETCH-1.

Drawing M-2, sheet 8 of 26

1. Change the call-outs for typical detail No. P624 to P626.
2. Add wording " with pulsation damper " under the Typical Detail M294.
3. Change the Typical Number S302 to S304.
4. Add a Note 6 under the General Notes to read" Install 3 fire extinguisher with cabinets , locations to be directed by the Engineer.

Drawing S-1, sheet 9 of 26, Detail B, add a Note 3 to read " The entire east exterior wall shall be repainted with flat latex. Latex shall be Kop-Coat 600 flat acrylic, Tnemec W55 WB Tneme-Crete,or equal."

Drawing E-3, sheet 12 of 26

1. Add a Note 3 to read " Install a guard post at the north end of Power Terminal Box and a guard post at east end of Service Entrance cabinet. Guard post shall be installed per typical detail C160 on Drawing T-2.

This Addendum No.1, pages 1 through 8 shall become part of the Contract and all provisions of the Contract shall apply thereto.

- END -

MACS Lab, Inc.
 2070A Walsh Avenue
 Santa Clara, CA 95050-2542

(408) 727-9727

Analysis Report

**Lead in Paint
 USEPA 7000/7420**

Lane Robinson
 24499 Solis Rd.

 Hayward CA 94544

Person to contact: Lane Robinson
 Contact phone: 510-881-7902
 FAX phone: 510-881-7903
 Samples received on: October 18, 1998
 Report prepared on: October 16, 1998 at 14:56
 Corresponding invoice number: 88710

Purchase Order Number: 020006878

Analyst: Freshteh Rashedi
 FR (signature)
 Job Description: Lead in Paint Test Kit

Laboratory manager: Freshteh Rashedi
 (signature)

Lab Sample Number	Client Sample Number and Description	Calib #	Rcvd OK	Ac-cptd	LOD ppm	%	Lead ppm	mg/cm ²
P69710-1	A Green paint sample	4045	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	198	< 0.020	< 198	N/A

End of report.

Decoto pump Station

Post-It™ brand fax transmittal memo 7671 # of pages 2

To <u>Don C</u>	From <u>Amg H</u>
Co. <u>FYE</u>	Co.
Dept.	Phone #
Fax #	Fax #



This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the item(s) tested. For Quality Control data refer to Calibration Number QA Report. MACS Lab is accredited by the American Industrial Hygiene Association (AIHA) for the analysis of lead in paint and soil (laboratory ID #11172). Some paint samples submitted contain substrate material that can't be removed from the paint layer. This may cause erroneous results. Proper field sampling techniques must be used. Samples are hot plate digested in Nitric Acid and Hydrogen Peroxide. Analysis is performed on a flame Atomic Absorption Spectrometer. LOD= Limit Of Detection. ppm= parts per million & 10,000 ppm = 1% Note: 1 mg/kg = 1 ppm NOTICE: FOR XRF Confirmation: When the actual sampled area is provided to the laboratory, the results can be calculated in mg/cm² exactly like an XRF instrument result. Otherwise NO XRF comparison can ever be made because the lab analyzes only a portion of a normal sample and the area of a scrape can't be known after the fact. Without the area N/A is reported.

HomeFree™

2070A Walsh Avenue
Santa Clara, CA 95050-2542
HomeFree is a division of MACS Lab, Inc.

Results of Laboratory Analysis Report

Total lead in Paint

Lane Robinson
24499 Soto Rd.

Hayward CA 94544

Samples received on: October 16, 1998
Report prepared on: October 19, 1998 at 14:56

Please refer to the official report which is a part of this data package. That report contains all of the information required by the US EPA.

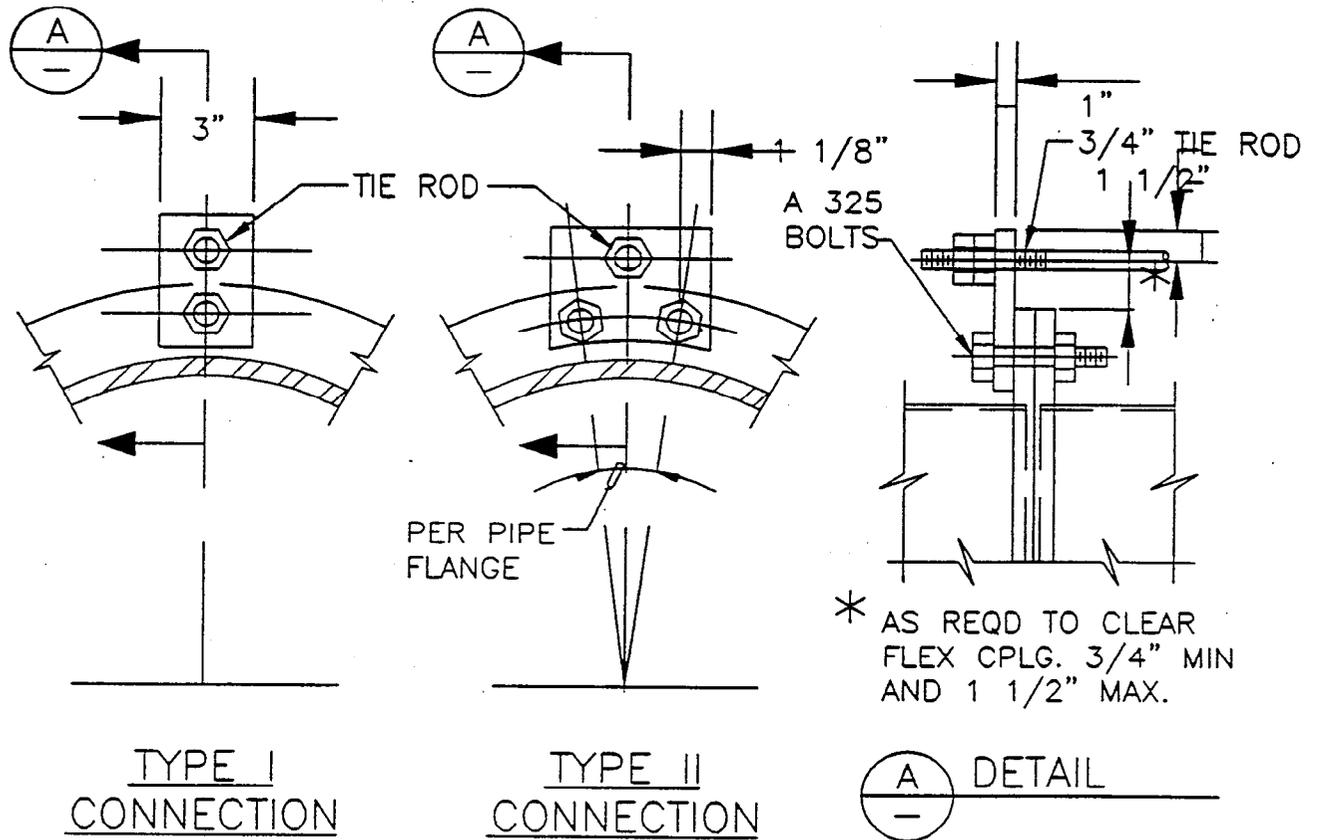
The analytical results listed here relate only to the sample(s) tested by the laboratory. A single sample or two does not constitute an inspection or survey of a property, building or dwelling unit. If you have any questions please call MACS Lab at 1-408-727-9727. Thank you.

Lab Sample Number	Client Sample Number and Description	Percent Lead
P69710-1	A Green paint sample	< 0.020 %

The rules governing the allowable level of lead in paint vary by state. You should contact the Department of Health in your state to determine the maximum level of lead allowed in existing paint. Federal Housing and Urban Development rules state paint may contain up to 0.5% lead.

If your paint contains more than 0.5% lead do not sand the paint or use a vacuum cleaner to clean up paint dust. Lead is especially a hazard for children under the age of 6 years. The paint may be removed by a professional lead paint abatement company or you may in many states and localities remove the paint in your home by using a suitable paint stripper. Please check with the Department of Health in your state for specific rules and regulations.

End of report.



NOTES:

1. ALL EXPOSED FLEXIBLE COUPLINGS SHALL HAVE TIE RODS UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS.
2. PIPE THRUST SHALL BE BASED ON TEST PRESSURE.
3. PIPE THRUST = $0.7854 \times D^2 \times \text{TEST PRESSURE}$, WHERE D IS PIPE OD.
4. MINIMUM TIE ROD YIELD 48,000 PSI.
5. FOR THRUSTS GREATER THAN 30,000 POUNDS, ADD ONE 3/4 INCH DIAMETER ROD FOR EVERY 6,000 POUNDS INCREASE IN THRUST.
6. CONTRACTOR MAY USE ONE INCH DIAMETER ROD FOR THRUSTS GREATER THAN 30,000 POUNDS. NUMBER OF ONE INCH RODS = NUMBER OF 3/4 INCH RODS \times 0.5625. ROUND OFF TO THE NEXT LARGER NUMBER.
7. ALL ROD CONNECTIONS SHALL BE TYPE II FOR THRUSTS GREATER THAN 30,000 POUNDS.
8. GRIND ALL CORNERS SMOOTH.

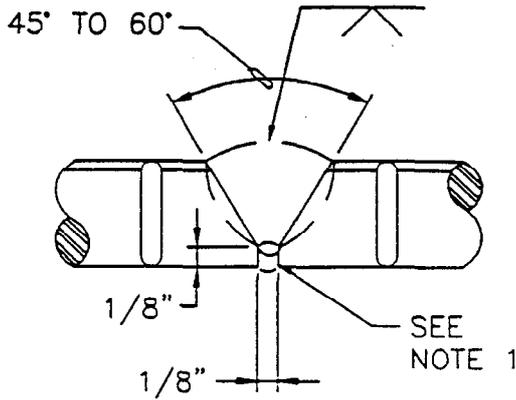
P110

DUCTILE IRON PIPE FLEXIBLE COUPLING

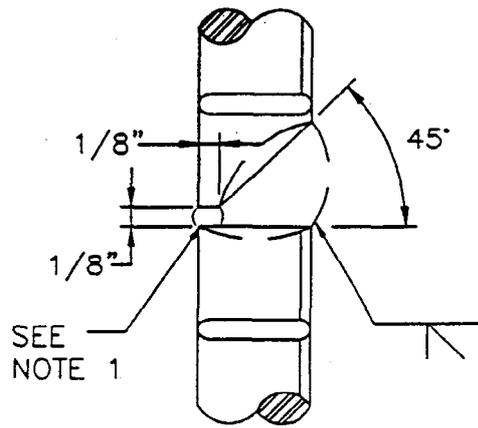
TYP

TIE DOWN

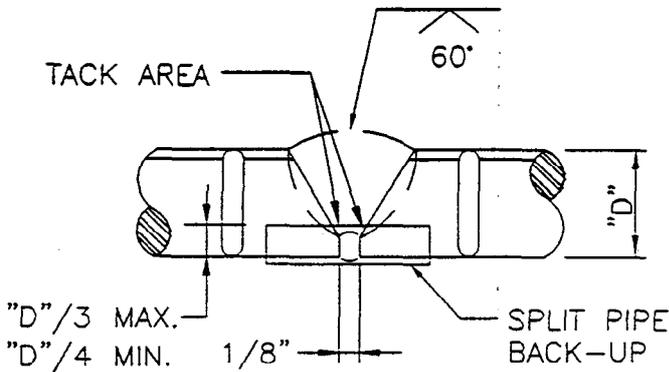
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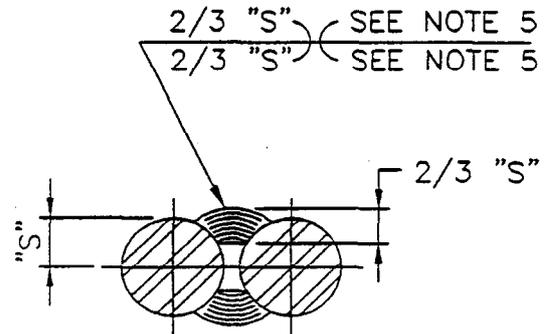
(A) HORIZONTAL POSITION



(B) VERTICAL POSITION



(C) HORIZONTAL AND VERTICAL POSITION



(D) HORIZONTAL AND VERTICAL POSITION

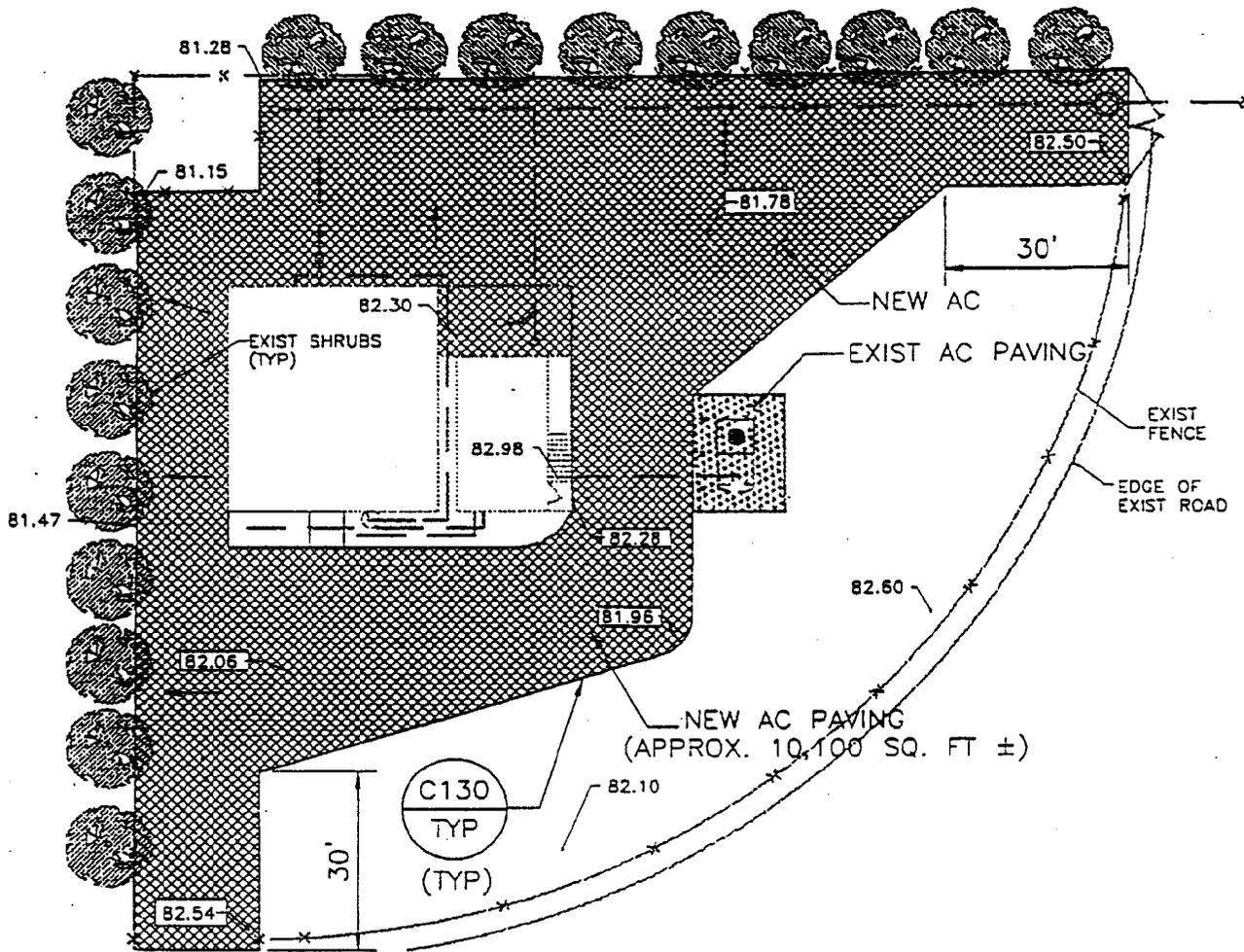
NOTES:

1. CHIP, GRIND, OR GOUGE TO SOUND METAL BEFORE WELDING OTHER SIDE.
2. USE DETAIL A & B FOR #9 & LARGER BARS. USE DETAIL C FOR #8 & SMALLER BARS. USE DETAIL D FOR #6 & SMALLER BARS.
3. E 70 ELECTRODE FOR GRADE 40; E 90 ELECTRODE FOR GRADE 60.
4. SEE AWS D1.4 FOR WELDING PROCESS, PREHEAT REQUIREMENTS, AND OTHER DETAILS. SUBMIT WELDING PROCEDURE PER AWS.
5. 1 1/2" FOR #3 AND #4 BARS; 2" FOR #5 BARS; AND 2 1/2" FOR #6 BARS.

S190
TYP

WELDED SPLICE OF REINFORCING BARS

11-01-96



A
-
PAVING AND GRADING PLAN
1" = 30'

NOTES:

1. MAINTAIN EXISTING GRADES AND RUNOFF PATTERN.
2. EXCAVATE AND REMOVE FROM SITE AC, ROCK, SOIL TO 9-INCH DEPTH IN EXISTING AC AREA AND AREA DESIGNATED "NEW". REPLACE ALL EXCAVATION WITH 6" ABC AND 3" AC TO EXISTING GRADE.
3. SEE GENERAL NOTES ON DWG C-1.

SKETCH-1
REVISED PAVING AND GRADING
 City Of Hayward



CITY OF HAYWARD
 DECOTO BOOSTER PUMP STATION REFURBISH AND UPGRADE
 PROJECT NO. 7143
 BIDS OPENED: APRIL 13, 1999

(NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY			ENGINEER'S ESTIMATE		N.V. HEATHORN, INC. 2846 CHAPMAN STREET OAKLAND CA 94601 (510) 534-2943		D.W. NICHOLSON CORP. PO BOX 4197 HAYWARD CA 94540 (510) 887-0900		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	44,000.00	44,000.00	50,000.00	50,000.00	50,000.00	50,000.00
2	1	LS	GRADING AND PAVING	35,200.00	35,200.00	45,000.00	45,000.00	50,000.00	50,000.00
3	1	LS	DEMOLITION WORK	33,000.00	33,000.00	15,000.00	15,000.00	25,000.00	25,000.00
4	1	LS	STRUCTURAL	77,000.00	77,000.00	90,000.00	90,000.00	50,000.00	50,000.00
5	1	LS	MECHANICAL	209,000.00	209,000.00	76,854.00	76,854.00	307,000.00	307,000.00
6	1	LS	ELECTRICAL/INSTRUMENTATION	418,000.00	418,000.00	250,000.00	250,000.00	250,000.00	250,000.00
7	1	LS	PUMPS	198,000.00	198,000.00	300,000.00	300,000.00	120,000.00	120,000.00
8	1	LS	MISCELLANEOUS WORK	62,700.00	62,700.00	10,000.00	10,000.00	20,000.00	20,000.00
9	1	LS	ADMINISTRATIVE CHANGE ORDER	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL BID		1,176,900.00		936,854.00		972,000.00

CITY OF HAYWARD
 DECOTO BOOSTER PUMP STATION REFURBISH AND UPGRADE
 PROJECT NO. 7143
 BIDS OPENED: APRIL 13, 1999

(NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY			ENGINEER'S ESTIMATE		CONCO WEST INC. PO BOX 1360 MANTECA CA 95336 (209) 239-2110		HPS PLUMBING SERVICES, INC. PO BOX 6386 BAKERSFIELD CA 93386 (661) 324-2121		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	44,000.00	44,000.00	40,000.00	40,000.00	35,000.00	35,000.00
2	1	LS	GRADING AND PAVING	35,200.00	35,200.00	35,000.00	35,000.00	40,000.00	40,000.00
3	1	LS	DEMOLITION WORK	33,000.00	33,000.00	38,000.00	38,000.00	35,000.00	35,000.00
4	1	LS	STRUCTURAL	77,000.00	77,000.00	135,000.00	135,000.00	75,000.00	75,000.00
5	1	LS	MECHANICAL	209,000.00	209,000.00	245,000.00	245,000.00	152,000.00	152,000.00
6	1	LS	ELECTRICAL/INSTRUMENTATION	418,000.00	418,000.00	231,440.00	231,440.00	321,700.00	321,700.00
7	1	LS	PUMPS	198,000.00	198,000.00	185,500.00	185,500.00	295,000.00	295,000.00
8	1	LS	MISCELLANEOUS WORK	62,700.00	62,700.00	500.00	500.00	2,400.00	2,400.00
9	1	LS	ADMINISTRATIVE CHANGE ORDER	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL BID		1,176,900.00		1,010,440.00		1,056,100.00

CITY OF HAYWARD
 DECOTO BOOSTER PUMP STATION REFURBISH AND UPGRADE
 PROJECT NO. 7143
 BIDS OPENED: APRIL 13, 1999

(NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY			ENGINEER'S ESTIMATE		PETE FULLER CONST. PO BOX 1090 VACAVILLE CA 95696 (707) 437-0991		G.S.E. CONST. CO., INC. 1020 SHANNON COURT LIVERMORE CA 94550 (925) 447-0292		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	44,000.00	44,000.00	53,000.00	53,000.00	54,500.00	54,500.00
2	1	LS	GRADING AND PAVING	35,200.00	35,200.00	40,000.00	40,000.00	42,200.00	42,200.00
3	1	LS	DEMOLITION WORK	33,000.00	33,000.00	60,000.00	60,000.00	21,300.00	21,300.00
4	1	LS	STRUCTURAL	77,000.00	77,000.00	110,000.00	110,000.00	179,200.00	179,200.00
5	1	LS	MECHANICAL	209,000.00	209,000.00	260,000.00	260,000.00	238,000.00	238,000.00
6	1	LS	ELECTRICAL/INSTRUMENTATION	418,000.00	418,000.00	243,000.00	243,000.00	303,800.00	303,800.00
7	1	LS	PUMPS	198,000.00	198,000.00	120,000.00	120,000.00	128,600.00	128,600.00
8	1	LS	MISCELLANEOUS WORK	62,700.00	62,700.00	72,000.00	72,000.00	0.00	0.00
9	1	LS	ADMINISTRATIVE CHANGE ORDER	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL BID		1,176,900.00		1,058,000.00		1,067,600.00

CITY OF HAYWARD
 DECOTO BOOSTER PUMP STATION REFURBISH AND UPGRADE
 PROJECT NO. 7143
 BIDS OPENED: APRIL 13, 1999

(NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY			ENGINEER'S ESTIMATE		RAMLOR CONSTRUCTION INC. 1500 ROSE AVE, PO BOX 11825 PLEASANTON CA 94588 (925) 417-8887		JOHN CLAY GENERAL ENG. CONTR. 778 MARIN AVENUE HAYWARD CA 94541 (510) 783-5820		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	44,000.00	44,000.00	139,479.00	139,479.00	12,675.00	12,675.00
2	1	LS	GRADING AND PAVING	35,200.00	35,200.00	51,005.00	51,005.00	52,125.00	52,125.00
3	1	LS	DEMOLITION WORK	33,000.00	33,000.00	44,761.00	44,761.00	26,230.00	26,230.00
4	1	LS	STRUCTURAL	77,000.00	77,000.00	80,720.00	80,720.00	147,880.00	147,880.00
5	1	LS	MECHANICAL	209,000.00	209,000.00	72,824.00	72,824.00	227,875.00	227,875.00
6	1	LS	ELECTRICAL/INSTRUMENTATION	418,000.00	418,000.00	319,766.00	319,766.00	314,600.00	314,600.00
7	1	LS	PUMPS	198,000.00	198,000.00	250,031.00	250,031.00	203,900.00	203,900.00
8	1	LS	MISCELLANEOUS WORK	62,700.00	62,700.00	33,455.00	33,455.00	14,000.00	14,000.00
9	1	LS	ADMINISTRATIVE CHANGE ORDER	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL BID		1,176,900.00		1,092,041.00		1,099,285.00

EXHIBIT C: 4 of 6

CITY OF HAYWARD
 DECOTO BOOSTER PUMP STATION REFURBISH AND UPGRADE
 PROJECT NO. 7143
 BIDS OPENED: APRIL 13, 1999

(NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY			ENGINEER'S ESTIMATE		SALIBA CORP. 41 DROMAN AVE, SUITE 3 SAN FRANCISCO CA 9412 (415) 282-8208		TRI-TECHNIC INC. PO BOX 829 JAMESTOWN CA 95327 (209) 984-3277		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	44,000.00	44,000.00	56,441.00	56,441.00	52,000.00	52,000.00
2	1	LS	GRADING AND PAVING	35,200.00	35,200.00	115,323.00	115,323.00	42,000.00	42,000.00
3	1	LS	DEMOLITION WORK	33,000.00	33,000.00	56,934.00	56,934.00	63,650.00	63,650.00
4	1	LS	STRUCTURAL	77,000.00	77,000.00	65,077.00	65,077.00	150,000.00	150,000.00
5	1	LS	MECHANICAL	209,000.00	209,000.00	196,533.00	196,533.00	212,000.00	212,000.00
6	1	LS	ELECTRICAL/INSTRUMENTATION	418,000.00	418,000.00	347,183.00	347,183.00	352,250.00	352,250.00
7	1	LS	PUMPS	198,000.00	198,000.00	247,796.00	247,796.00	207,500.00	207,500.00
8	1	LS	MISCELLANEOUS WORK	62,700.00	62,700.00	0.00	0.00	50,000.00	50,000.00
9	1	LS	ADMINISTRATIVE CHANGE ORDER	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL BID		1,176,900.00		1,185,287.00 *		1,229,400.00

*TOTAL DIFFERENT THAN SUBMITTED BID

EXHIBIT C: 5 of 6

CITY OF HAYWARD
 DECOTO BOOSTER PUMP STATION REFURBISH AND UPGRADE
 PROJECT NO. 7143
 BIDS OPENED: APRIL 13, 1999

(NUMBER OF BIDS RECEIVED - 11)

BID SUMMARY			ENGINEER'S ESTIMATE		R.L. DAVIS CONSTRUCTION CO. INC. 37555 DUSTERBERRY WAY #18 FREMONT CA 94536 (510) 793-6788		
ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1	1	LS	MOBILIZATION	44,000.00	44,000.00	62,541.00	62,541.00
2	1	LS	GRADING AND PAVING	35,200.00	35,200.00	45,000.00	45,000.00
3	1	LS	DEMOLITION WORK	33,000.00	33,000.00	100,000.00	100,000.00
4	1	LS	STRUCTURAL	77,000.00	77,000.00	150,000.00	150,000.00
5	1	LS	MECHANICAL	209,000.00	209,000.00	170,000.00	170,000.00
6	1	LS	ELECTRICAL/INSTRUMENTATION	418,000.00	418,000.00	400,000.00	400,000.00
7	1	LS	PUMPS	198,000.00	198,000.00	210,000.00	210,000.00
8	1	LS	MISCELLANEOUS WORK	62,700.00	62,700.00	60,000.00	60,000.00
9	1	LS	ADMINISTRATIVE CHANGE ORDER	100,000.00	100,000.00	100,000.00	100,000.00
			TOTAL BID		1,176,900.00		1,297,541.00

EXHIBIT C : 6 of 6

Jm 4-27-99

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

DRAFT

Introduced by Council Member _____

RESOLUTION APPROVING ADDENDA FOR THE DECOTO BOOSTER PUMP STATION REFURBISH AND UPGRADE, AND AWARD OF CONTRACT TO N.V. HEATHORN, INC.

WHEREAS, by resolution on March 2, 1999, the City Council approved the plans and specifications for the Decoto Booster Pump Station Refurbish and Upgrade and called for bids to be received on April 13, 1999; and

WHEREAS, Addendum No. 1 was issued to make minor revisions to the plans and specifications.

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 N.V. Heathorn, Incorporated is hereby awarded the contract for the Decoto Booster Pump Station Refurbish and Upgrade, in accordance with the plans and specifications adopted therefor 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, and all other bids are hereby rejected.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized and directed to execute an agreement in an amount not to exceed \$936,854 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 _____, 1999

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