October 25, 1990 CH/pb harbord.pb Introduced by: Audrey Gruger

Proposed No.:

90-891

6 7 8

Fund Capital Fund

387 Harborview Medical Construction - 1977 \$1,067,957

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ORDINANCE NO.

AN ORDINANCE making the following appropriations: \$1,067,957 to Harborview Medical Construction - 1977, Fund 387; \$8,288,627 to Harborview Long Range Capital Improvement Projects, Fund 3120; and \$164,343 to Harborview Repair and Replacement, Fund 3961; and amending Ordinance No. 9221, Section 92, Attachments No. 1 and 2, as amended.

BE IT ORDAINED BY THE COUNCIL OF KING COUNTY:

SECTION 1. There is hereby approved and adopted an appropriation of \$1,052,347 to CIP Project No. 668294, Ambulatory Care Project and \$15,610 to Project No. 668270, 1% for Art Fund 387, from unallocated bond proceeds in Fund 387.

SECTION 2. There is hereby approved and adopted an appropriation of \$6,206,318 to CIP Project No. 678294, Trauma Center Project; \$1,961,463 to Project No. 678296, Bed Replacement Project; and \$120,846 to Project No. 668279, 1% for Art Fund 3120, from unallocated bond proceeds in Fund 3120.

SECTION 3. There is hereby approved and adopted an appropriation of \$114,105 to Project No. 678268, King County Public Health Lab; \$47,694 to Project No. 678265, King County Tuberculosis Clinic; and \$2,544 to Project No. 678277, 1% for Art Fund 3961, from the Trauma Center Building Equity Fund within Fund 3961.

SECTION 4. Ordinance No. 9221, Section 92, Attachments 1 and 2, as amended, are hereby amended by adding thereto and inserting therein the following:

<u>CIP PROJECT APPROPRIATIONS</u> - From the several capital improvement project funds there are hereby appropriated and authorized to be disbursed the following amounts for specific projects identified in Attachment No. 1, as adjusted by Attachment No. 2, of this ordinance

1	3120 Harborview Long Range Capital
2	Improvement Projects \$8,288,627
3	3961 Harborview Repair and Replacement \$ 164,343
4	Provided that:
5	1. King County endorses the effort of the Harborview Board
6	of Trustees to seek waiver of unforeseen road vacation
7	costs associated with the Harborview Medical Center bond-
8	funded capital projects;
9	2. Further 1 percent for Art appropriations for the
LO	Harborview improvements will be considered based on an art
L1	project plan for the Medical Center. The Arts Commission
L2	is encouraged to apply a cost guideline of 15 percent for
L3	project administration and planning expenses;
L4	3. The Harborview Project Manager request the architect to
15	purchase the \$100,000 lower project insurance deductible;
16	4. No contingency reserve funds be expended without written
L7	approval of the Council Health, Housing and Human Services
18	Committee Chair and approval of the HMC Oversight
19	Committee;
20	5. The HMC Oversight Committee obtain and review specific
21	cost estimates and approve such estimates prior to
22	completion of contracts for equipment planning and signage.
23	INTRODUCED AND READ for the first time this 22nd day
24	of October, 1990.
25	PASSED this 29th day of October, 1990.
26	KING COUNTY COUNCIL KING COUNTY, WASHINGTON
	^
28	Lois Mortle
29	Chair
30	ATTEST:
31 32	Clerk of the Council
33	APPROVED this 9th day of November , 1990.
34	Juin Hill
	King County Executive

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HARBORVIEW MEDICAL CENTER SITE PREPARATION PROJECT SEATTLE, WASHINGTON FILE: SP_LDR1.WK1

JUNE 8, 1990

PAGE: 1 of 7

I. WAREHOUSE REMODEL

A. Loading Dock Relocation

ITEM #	DESCRIPTION	OUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
1.	Construct mezzanine within the existing building, including tieing into existing structure	4,000	SF	30,00	120,000
2.	Allowance for foundations, including breaking up & repairing existing slab	4,000	SF	7.50	30,000
Э.	Carefully demolish and remove boiler and stack	1	LS	60,000.00	60,000
4.	Entrance/exit doors to facility, cutting & patching	1	LS	10,000.00	10,000
5.	Allowance for interior partitions & doors to accommodate functions as outlined (see Note #4)	8,000	SF	4.00	32,000
6.	Floor, ceiling & wall finishes	B,000	SF	3.00	24,000
7.	Specialty allowance	8,000	SF	2.00	16,000
9.	Service elevator (built into existing structure)	1	LS	80,000.00	80,000
Э.	New shafts, pits			!	Combined w/ Above
10.	Plumbing allowance	8,000	SF	2.40	19,200
11.	HVAC allowance .	8,000	SIF	7.25	58,000
	SUBTOTAL, Carried Forward	ne ann ern gar an dag par fiel air far dar		none mays vigo men men anne prin tri tri des men par mar hall per des des gant	449,200

JUNE 8, 1990

PAGE: 2 of 7

I. WAREHOUSE REMODEL
A. Loading Dock Relocation

ITEM (QUANTITY		UNIT COST	ESTIMATE TOTAL
	SUBTOTAL, Carried Forward			****	
12.	Fire protection	8,000	SF	2.10	16,800
13.	Special mechanical systems	8,000	SF	1.20	9,600
14.	Allowance for electrical service & distribution	8,000	SF	2.00	16,000
15.	Allowance for lighting & power	8,000	SF	3.50	28,000
16.	Fire alarm, security & other special electrical allowance	8,000	SF	3.50	28,000
17.	Loading dock equipment & other fixed equipment	i	LS	70,000.00	70,000
18.	Site demolition (as required) outside footprint of building	1	LS	5,000.00	5,000
19.	Unloading canopy	40	LF	350.00	14,000
20.	Demolish and remove existing conditions where new work occurs	. 1	LS	10,000.00	10,000
21.	Clean existing surfaces, new finish	1	LS	20,000.00	20,000
	SUBTOTAL, Carried Forward	*,			666,600

PAGE: 3 of 7

I. WAREHOUSE REMODEL

A. Loading Dock Relocation

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ITEM	# DESCRIPTION	QUANTITY		UNIT COST	ESTIMATE TOTAL
	SUBTOTAL, Carried Forward			and the special part of th	666,600
22.	Allowance for reworking existing exterior closure to accommodate new receiving areas	1	LS	15,000.00	15,000
23.	Entrance/exit doors to facility, cutting & patching	1	LS	10,000.00	10,000
24. 0.0	Landscaping - trees, shrubs, fencing, etc. O	1	LS	10,000.00	10,000

SUBTOTAL - Loading Dock Relocation 701,600

JUNE 8, 1990

PAGE: 4 of 7

I. WAREHOUSE REMODEL

В.		Tunnel

ITEM #	# DESCRIPTION	QUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
1.	Drill for steel pile	700	LF	15.00	10,500
2.	Steel H pile	20	TN	1,200.00	24,000
з.	Lean mix concrete to surround pile	82	CY	50.00	4,100
4.	Excavate (in one lane widths) for tunnel and remove	1,500	CY	15.00	22,500
5.	Timber lagging	3,200	SF	8.00	25,600
€.	Concrete to base of tunnel	65	CY	100.00	6,500
7.	Concrete to walls	160	CY	240.00	38,400
8.	Concrete in suspended slab	75	CA	240.00	18,000
9.	Controlled density fill	450	ĽΥ	20.00	9,000
10.	Precast concrete plank	1,600	SF	7.00	11,200
11.	Asphalt paving	2,400	SF	1.00	2,400
12.	Site preparation, phasing, temporary signage, protection	i	LS	15,000.00	15,000

SUBTOTAL, Carried Forward	187,200

I. WAREHOUSE REMODEL

B. Construct New Tunnel

ITEM #	DESCRIPTION	QUANTITY		UNIT COST	ESTIMATE TOTAL
	SUBTOTAL, Carried Forward				187,200

13.	Patch & repair as necessary to surounding areas	; 1	LS	15,000.00	15,000
14.	Allowance for connection to south wing including demolition, temporary protection	1	LS	30,000.00	30,000
15.	Allowance for locating, temporarily supporting all utilities in 9th Avenue	1	LS	10,000.00	10,000
16.	Finish to insidde surfaces of tunnel	4,800	SF	1.00	4,800
17.	Bumper guards	150	LF	12.00	1,800
18.	Plumbing allowance	1	LS	6,000.00	6,000
19.	Heating & ventilating	1,600	SF	3.00	4,800
20.	Fire protection	1,600	SF	2.00	3,200
21.	Lighting & power	1,600	SF	4.00	6,400
22.	Equipment allowance	1	LS	5,000.00	5,000
23.	Materials handling/ingress, egress	1	LS	15,000.00	15,000
******	SUBTOTAL - Construct New Tunnel				289,200

JUNE B, 1990

PAGE: 6 of 7

I. WAREHOUSE REMODEL

C. Waterproofing Existing Tunnels

QUANTITY UNIT UNIT COST ESTIMATE TOTAL

Waterproofing of existing tunnels 1 LS 300,000.00 300,000 (preliminary estimate)

SUBTOTAL - Waterproof Existing Tunnels 300,000

TEM #	DESCRIPTION	TINU YTITNAUQ	UNIT COST	ESTIMATE TOTAL
SURTO	TAL - A. Loading Dock Re	location		701,600
SUBTO	SUBTOTAL - B. Construct New Tunnel SUBTOTAL - C. Waterproof Existing Tunnels			
SURTO				
SUBTOT	AL - Base Construction (Costs		1,290,800
Estima	ting Contingency (15%)			193,620
Escala	tion (14.32%)			184,843
SUBTOT	AL - Net Building Cost	er per men min Men per men for ten gem ung was type sele ett der best det ten 190 vell men top vel		1,669,263
Contra	ctor Overhead and Profit	: (15%)		250,369

MACC - Maximum Allowable Construction Cost

1,919,652

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HARBORVIEW MEDICAL CENTER STTE PREPARATION PROJECT SEATTLE, WASHINGTON FILE: SP_SITE1.WK1

JUNE 8, 1990

PAGE: 1 of 5

II. SITE MODIFICATIONS

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ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
***	· 对现代的 经股份 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基				
1.	Imported fill to bring to levels	400	CY	15.00	€,000
~. 	Asphalt paving	1,500	SF	1.50	2,250
3.	Drainage allowance	1	LS	1,000.00	1,000
4.	Retaining wall				NOTE #1
5.	Allowance for grading to falls & slope	1	L5	1,000.00	1,000
6.	Chainlink fence	480	LF	16.00	7,680
7.	Helipad lighting	1	LS	3,000.00	3,000
0.	Allowance for reworking access for ambulances	1	LS	3,000.00	3,000
9.	Landscaping (shrubs)	1	LS	4,000.00	4,000
10.	Miscellaneous site improvements	1	LS	1,000.00	1,000
11.	Blast fence	100	LF	15.00	1,500

1. This item is covered in the estimate for ingress/egress drive modifications.

JUNE 8, 1990

PAGE: 2 of 5

II. SITE MODIFICATIONS

B. Ingress/Egress Drive Modifications

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
1.	Retaining Wall	1,000	SF	20.00	20,000
2.	Contouring, earthmoving	i	LS	7,000.00	7,000
3.	Asphalt paving	5,800	SF	1.00	5,800
4.	Patch & repair	1	LS	2,000.00	2,000
5.	Allowance for curb cuts, signage	1	LS	2,000.00	2,000
6.	Landscaping	1	LS	2,400.00	2,400

SUBTOTAL - Ingress/Egress Drive Modifications 39,200

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JUNE 8, 1990

PAGE: 3 of 5

II. SITE MODIFICATIONS
C. 8th Avenue ROW Vacation
(Utilities Relocation)

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ITEM	# DESCRIPTION	QUANTITY	INIL	UNIT COST	ESTIMATE TOTAL
	TO THE STORM THE THE STORM AND THE STORM THE S			t the maje are the maje are the maje are the tray that the control of the second of	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
1.	Root Pruning	1	LS	3,500.00	3,500
2.	Take up and remove parking meters	25	EA	200.00	5,000
з.	Master water meters	2	EA	20,200.00	40,400
4.	Remove existing meter at 2" line	- 1	EA	100.00	100
5.	Remove existing meter at 3" line	i	EA	550.00	550
6.	Relocate existing hydrants	2	EΛ	2,600.00	5,200
7.	Purchase existing hydrant	1	EA	550.00	550
8.	Remove 8° fire service meter	1	EA	650.00	650
9.	Relocate 2" line & meter for WashbO	T 1	EA	2,500.00	2,500

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SUBTOTA	AL - 8th	Avenue ROW	Vacation	(Utilities	Relocation)	58,450

JUNE 8, 1990

PAGE: 4 of 5

II. SITE MODIFICATIONS

D. 8th Avenue ROW Vacation (Cul-De-Sac Construction)

****		. = = = = = = = = = = = = = = = = = = =	*****		****
ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
======	: 医多环结合性 化异氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	**********		************	
1.	New curb	750	LF	10.00	7,500
~ .	Driveway openings	10	EA	1,000.00	10,000
3.	Site demolition and removal	1	rs	6,000.00	6,000
4.	Concrete walk	7,000	SF	3.00	21,000
5.	Relocate trees and lightpole	1	LS	3,750.00	3,750
6.	Line marking	1	LS	1,000.00	1,000
7.	Patch and repair	i	LS	5,000.00	5,000
8.	Miscellaneous items	1	LS	3,500.00	3,500

SUBTOTAL -	8th Avenue RDW	Vacation ((Cul-De-Sac	Construction)	57,750

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JUNE 8, 1990

PAGE: 5 of 5

ITEM #	DESCRIPTION	TINU YTITNAUD	UNIT COST	ESTIMATE TOTAL
SUBTOTAL	- A. Helipad			30,430
SUBTOTAL	- B. Ingress/Egress Dr:	ive Modifications		39,200
SUBTOTAL	- D. 8th Avenue Vacatio	on (Cul-De-Sac Constr	uction)	58,450
SUBTOTAL	- C. 8th Avenue Vacatio	on (Utilities Relocat	ion)	57,750
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SUBTOTAL	- Base Construction Cost	t		185,830
Estimati	ng Contingency (15%)			27,875
Escalati	on (10.32%)			19,178
عد بدل من فيد بدر من بدر		من من شو شو شو شو شو شو بدر شو	. من الله الله الله الله الله الله الله الل	90 and the first \$40 and the last the same that the first that the last that the
SUBTOTAL	- Net Construction Cost			232,882
Contract	or Overhead and Profit (1	152)		34,932
جند عيد حد مد نيد	٠٠. ١٠٠ ١٠٠ ١٠٠ ١٠٠ ١٠٠ ١٠٠ ١٠٠ ١٠٠ ١٠٠	هد جدو بهم حصد دنده شده شده عدد سدر سه حدد سد بعد سد بعد است مدد است مدد سد است.	e ann gair ann ann ann ann ann an an an an an an a	
				267,814
من الله الله الله الله الله الله الله الل	nde dat med by nde bill but med her med diet sig the delt ann men man me met an eur may met sie er	an and May gay there' may say you can you hard then make man your table tothe made there man able who	. Makak daladi dagan dagan —baha daladi baril silada dalah dibibi yada dalam titir oldan u	Mill fine todd offil (sp. mae fine spin till side side side side side spin ann mig mill side spin mae gals

HARBORVIEW MEDICAL CENTER SITE PREPARATION PROJECT SEATTLE, WASHINGTON FILE: SP_WHRE1.WK1 JUNE 8, 1990

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I. WAREHOUSE REMODEL

A. General Renovation

1. F	DESCRIPTION ***********************************	QUANTITY		UNIT COST	NOTE #1
1. F	Relocation costs (temporary) Relocation costs (permanent); paint shop Demolish and remove existing				NOTE #1
2. 6 6 3. D	Relocation costs (permanent); paint shop Demolish and remove existing				
3. D	paint shop Demolish and remove existing				* 10° 10° 11° 11° 11° 11° 11° 11° 11° 11°
					NOTE #1
	conditions where new work occurs	1	LS	20,000.00	20,000
ŧ	Prepare building for new construc- tion, including but not limited to temporary protection, access, etc.	1	LS	10,000.00	10,000
e	Construct mezzanine within the existing building, including tieing into existing structure				NOTE #2
i	Allowance for foundations, including breaking up & repairing existing slab				NOTE #2
7. F	Replace existing windows throughout	1,400	SF	25.00	35,000
ť	Allowance for reworking existing exterior closure to accommodate new receiving areas	1	LS	15,000.00	15,000
9. 0	Clean existing surfaces, refinish	1	LG	20,000.00	20,000
	Carefully demolish and remove boiler and stack				NOTE #3
C	SUBTOTAL Carried Forward			ann aine faan faa faa faan gan gafa gan kur agu faan faan ar	100.000

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- Relocation costs will be borne by the owner outside of project construction costs.
- 2. All items directly related to renovation work required for relocation of Loading Dock functions have been eliminated from this estimate.
- This estimate is based on the assumption that this demolition, though desirable, is required by neither the code nor the program.

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JUNE 8, 1990

PAGE: 2 of 12

I. WAREHOUSE REMODEL

A. General Renovation

====== ITEM #		GUANTITY		UNIT COST	ESTIMATE TOTAL
	2. 化环状性 化环状性 化环状性 经保证 化二甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲基苯甲				=======================================
	SUBTOTAL, Carried Forward			المن المنا الله الله الله الله المنا المنا المن فيد المنا المن المنا المنا المنا المنا المنا المنا المنا المنا	100,000
11.	Entrance/exit doors to facility, cutting & patching	1	LS	5,000.00	5,000
12.	Remove existing roof, install new	16,000	SF	8.00	128,000
13.	Infilling at roof	1	LS	5,000.00	5,000
14.	Allowance for interior partitions & doors to accommodate functions as outlined (see Note #4)	18,000	SF	4,00	72,000
15.	Floor, ceiling & wall finishes	18,000	SF	3.00	54,000
1E.	Specialty allowance	18,000	SF	2.00	36,000
17.	Service elevator (built into existing structure)	1	LS	60,000.00	60,000
18.	New shafts, pits				Combined w/ Above
19.	Plumbing allowance	18,000	SF	2.30	41,400
20.	HVAC allowance	18,000	SF	7,25	130,500
21.	Protection of existing vents	1	LS	1,000.00	1,000
22.	Fire protection	18,000	SF	2.10	37,800
23.	Special mechanical systems			1.20	21,600
	SUBTOTAL, Carried Forward			ger med gener blev perer begreter men gener get men gener men state pere state pere state perer state per perer state perer state per per per per per per per per per pe	692,300

NOTES:

^{4. 16,000} SF is the approximate amount of floor area anticipated in the renovated facility.

JUNE 8, 1990 -

PAGE: 3 of 12

I. WAREHOUSE REMODEL A. General Renovation

ITEM #	DESCRIPTION	CUANTITY	UNIT	VIC COST	MATE TOTAL
======	SUBTOTAL, Carried Forward	C C 3 S 3 R C S S S S S S	**********	3 6 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	692,300
24.	Allowance for electrical service & distribution	. The second		2.00) , 36,000
25.	Allowance for lighting & power	18,000	SF	3.25	58,500
2€.	Fire alarm, security & other special electrical allowance	18,000	SF	9.25 3	³⁵ ,58,500
27.	Loading dock equipment & other fixed equipment	1	LS	- 30, 000 .0 0	30,000
28.	Site demolition (as required) outside footprint of building	1	LS	5,000.00	5,000
29.	Site paving	10,000	SF	1.25	12,500
30.	Regrade alley/retaining walls	1	LS .	10,000.00	10,000
31.	Allowance for curbs, sidewalks, ramps	1	LS	4,500.00	4,500
32.	Remove existing coal vault	1	LS	10,000.00	10,000
33.	Structural upgrade to north tunnel	1	LS	25,000.00	25,000
34.	Unloading canopy	·			NOTE #2
***********	SUBTOTAL, Carried Forward			ann aire ann an Air Air Air ann ann ann ann ann ann air ann air ann ann an Air ann ann ann ann ann ann ann an Air ann ann ann ann ann ann ann ann ann an	942,300

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HARBORVIEW MEDICAL CENTER SITE PREPARATION PROJECT SEATTLE, WASHINGTON JUNE 8, 1990

PAGE: 4 of 12

I. WAREHOUSE REMODEL

A. General Renovation

ITEM #	DESCRIPTION	YTITAAUQ		UNIT COST	ESTIMATE TOTAL
	SUBTOTAL, Carried Forward				942,300
35.	Street trees				Deleted
36.	Allowance for site utilities/ relocate electric lines	1	LS	25,000.00	25,000
37.	Site lighting	1	LS	5,000.00	5,000
38.	Fill existing UST	1	LS	€,000.00	6,000
39.	Remove existing UST	3	LS	15,000.00	45,000

SUBTOTAL - General Renovation 1,023,300

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JUNE 8, 1990

PAGE: 5 of 12

В.					
ITEM #		QUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
1.	Drill for steel pile				NOTE #2
2.	Steel H pile				NOTE #2
з.	Lean mix concrete to surround pil	е			NOTE #2
4.	Excavate (in one lane-widths) for tunnel and remove				NOTE #2
5.	Timber lagging				NOTE #2
6.	Concrete to base of tunnel				NOTE #2
7.	Concrete to walls				NOTE #2
8.	Concrete in suspended slab				NOTE #2
9.	Controlled density fill				NOTE #2
10.	Precast concrete plank				NOTE #2
11.	Asphalt paving				NOTE #2
12.	Site preparation, phasing, temporary signage, protection			,	NOTE #2
			was wat the two too and the two two con		
	SUBTOTAL, Carried Forward				0

JUNE 8, 1990

PAGE: 6 of 12

В.						
ITEM #		DUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL	
	SUBTOTAL, Carried Forward					Ó
13.	Patch & repair as necessary to surounding areas				NOTE #	
14.	Allowance for connection to south wing including demolition, temporary protection				NOTE #	2
15.	Allowance for locating, temporarily supporting all utilities in 9th Avenue				NOTE #:	2
16.	Finish to instude surfaces of tunne	1			NOTE #	2
17.	Bumper guards				NOTE #:	2
18.	Plumbing allowance				NOTE #:	2
19.	Heating & ventilating				NOTE #:	2
20.	Fire protection				NOTE #:	2
21.	Lighting & power				NOTE #:	2
22.	Equipment allowance				NOTE #2	2
	SUBTOTAL - Construct New Tunnel					0

JUNE 8, 1990

PAGE: 7 of 12

I. WAREHOUSE REMODEL

C. Emergency Generators

***		.=======	.======	医甲基氏试验检医过滤性 医耳样性 医肾	
ITEM		QUANTITY		UNIT COST	ESTIMATE TOTAL
	***************************************		:=======		经工作证据 机拉拉拉 经数据 计图片 计算机 化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
1.	900 KW generator	2	EA	185,000.00	370,000
C) dus B	6000 A switchboard with automatic paralleling/load shedding controls	1	EA	120,000.00	120,000
3.	Feeders (quantities provided by Electrical Consultant)	1	LS	150,000.00	150,000
.1.	Relocate 450 KW generator	2	EA	10,000.00	20,000
5.	Fuel tank, 20,000 gallon	2	EA	20,000.00	40,000
6.	Miscellaneous connections, cutting, patching, hangers	1	LS	50,000.00	50,000

SUBTOTAL - Emergency Generators 750,000

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JUNE 8, 1990

PAGE: 8 of 12

I. WAREHOUSE REMODEL
D. Medical Air Compressors

=====	张林村公园和农村和政府的社会的政府的国际政府的政府的国际政府的政策的证法。 				: 经付款基础 计设置性 机共和电阻 化铁
ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
EREER:	x = 5 3 0 5 2 3 3 3 3 3 3 3 2 2 2 2 2 2 2 2 2 2 2		*****		*************
1.	400 A feeder	250	LF	15.00	3,750
2.	400 A ATS	1	EA	11,000.00	11,000
3.	4" diameter copper, type L main	640	LF	45.00	28,800
4.	Allowance for fittings	1	LS	5,000.00	5,000
5.	Allowance for demolition & repairs where new piping installed	1	LS	15,000.00	15,000
€.	Disconnect and relocate equipment	1	LS	10,000.00	10,000
7.	Test compressor & associated pipework	i	LS	1,000.00	1,000
8.	Cap existing pipework	1	LS	1,000.00	1,000
9.	Housekeeping pads	1	LS	5,000.00	5,000
10.	Cold water supply	1	LS	1,200.00	1,200
11.	Floor Drain	1	LS	1,000.00	1,000
12.	Miscellaneous fittings	1	LS	3,000.00	3,000

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SUBTOTAL - Medical Air Compressors	65,750						
· 我们是我们的,我们就是我们的,我们就是我们的,我们们的,我们就会会会会会会会会会会会会会会会会会,我们们的,我们会会会会会会会会会会会会会会会							

JUNE 8, 1990

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I. WAREHOUSE REMODEL

E. Bulk Oxygen Storage Tanks (Site Development)

ITEM	# DESCRIPTION	QUANTITY		UNIT COST	ESTIMATE TOTAL
1.	Concrete Pad	440	SF	10.00	4,480
2,	Security fencing	88	LF	25.00	2,200
з.	Access gate	2	EA	500.00	1,000
4.	Truck pad with spillway containment	1,000	SF	10.00	10,000
5.	Take down & remove overhead power lines, provide temporary service			į	NOTE #4
€.	New underground service	1	LS	15,000.00	15,000
7.	Manholes	2	EA	5,000.00	10,000
8.	Rework existing coal vault				NOTE #4
9.	Modify entrance @ Alder & Terrace Streets	1	LS	20,000.00	20,000
10.	2-1/2" copper main	800	LF	25.00	20,000
11.	Fittings	1	LS	5,000.00	5,000
12.	Allowance for direct burying pipe	1	L5	3,000.00	3,000
13.	Medical gas alarm wiring to CCC	1	LS	1,500.00	1,500
	SUBTOTAL, Carried Forward	and many select with some part paper paper and the	والمقطور والمناف المنافر والمنافر والمنافر والمنافر المنافر المنافر والمنافر والمنافر والمنافر والمنافر والمنافر	मान - पुत्र काम प्रश्नेत क्षेत्र प्रश्नुत प्रश्नेत प्रथम प्रथम क्ष्मेंम एवल प्रथम क्षेत्र वेशन वाल प्रश्नेत व	92,180

NOTES:

4. This work has been included in the estimate for General Renovation.

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JUNE B, 1990

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I. WAREHOUSE REMODEL

E.	Bulk Oxygen Storage Tanks (Site D	evelopment)		the way on the second of the s	to deal with Your day wise your part buy for pell pers for girl disk plan tops
ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT COST	ESTIMATE TOTAL
	SUBTOTAL, Carried Forward				92,180
14.	Miscellaneous cutting & patching	1	LS	6,000.00	6,000
15.	Site utilities/connecting lines	1	LS	6,000.00	€,000
16.	Storage tank removal			NIC	NIC

SUBTOTAL - Bulk Oxygen Storage Tanks (Site Development) 104,180

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HARBORVIEW MEDICAL CENTER SITE PREPARATION PROJECT SEATTLE, WASHINGTON JUNE 8, 1990

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I. WAREHOUSE REMODEL

ŀ.		SE KEMUD								
				Tanks (Equip	ment Pur	chas	ed By Ow	ner)		
ITE!	1 #		DESCRIPT	ION				UNIT COST		ESTIMATE TOTAL
1.	tank	s with a	ll assoc	gen storage iated vaporiz connections		1	EA	115,000.	00	115,000
	SUBT	OTAL - F	. Bulk O	xygen'Storage	Tanks (Equi	pment Pu	rchased By Own	er)	115,000
	Esti	nating C	ontingen	cy (15%)						17,250
	Esca	lation (10.32%)							11,868
	SUBT	OTAL - N	et Equip	ment Cost	and her too our our top with her	100 May 1901 Ann		. Once you wish had now man with with gift with the two top of the		144,118
				and Profit (1				the was see see soo our win like the see our two two two		14,412
	TOTAL									158,530

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	DESCRIPTION	(化水水管设计器) 经现代股份 经股份证据 医胃炎 化二甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		
SULTOTA	L - A. General Renovat	ion		1,023,
SHETOTA	L - B. Construct New T	unnel		
	L - C. Emergency Gener			750,
	L - D. Medical Air Com			85,
	L - E. Balk Oxygen Sto		elopment)	104,
CUBTOTA	AL - Base Construction	Costs	para and compare again was some offer day top the first term for the first term and the	1,963,
	ing Contingency (15%)			294,
	2.4.0 MONS			202,
SUBTOTA	AL - Net Building Cost	and the same and the same and the same are the same and t	, and the state and the state of the state o	2,460,
	tor Overhead and Profi	it (15%)	و ما فقع الله الله الله الله الله الله الله الل	369,

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