

RESOLUTION NO. 1022

A RESOLUTION APPROVING THE BID PROCESS; ACCEPTING THE LOW QUALIFIED BID; AWARDING THE CONTRACT TO THE LOW QUALIFIED BIDDER; VERIFYING FUND AVAILABILITY; AND KNOWN AS THE TOWN CENTER LOOP EAST EXTENSION (DAY DREAM ESCAPE).

WHEREAS, on March 1, 1993, the City of Wilsonville passed Resolution #979 accepting the Preliminary Design Report prepared by MacKay & Sposito Inc., for the construction of Town Center Loop Extension & related appurtenances (commonly known as the Day Dream Escape) adopting a portion of the report & directing staff to proceed with the elements of the report as outlined; and

WHEREAS, the City duly advertised for competitive bids to construct the improvements; and

WHEREAS, sealed bids were received prior to 2:00 p.m. Pacific Daylight Savings Time, Friday June 18, 1993, at the Community Development Department, 8445 SW Elligsen Road, Wilsonville, Oregon 97070. Bids were then opened individually and separately read aloud after 2:00 p.m. Pacific Daylight Savings Time on June 18, 1993. The staff report recommendation, summary of bids are marked Exhibit "A", attached hereto and incorporated herein; and

WHEREAS, City Staff has reviewed the bids and recommends that the contract be awarded to Clearwater Construction, the lowest qualified bidder ; and

WHEREAS, the City of Wilsonville desires to execute a construction contract agreement in a timely manner; and

WHEREAS, the Finance Director has reviewed the fund to which expenditures will be accounted to, and has verified that funds are available to complete this project.

NOW, THEREFORE, THE CITY OF WILSONVILLE RESOLVES AS FOLLOWS:

1. The City Council and as Contract Review Board finds and concludes all bids were duly advertised, received, publicly opened and approved as being completed for consideration for award according to the provisions of Oregon Revised Statutes,

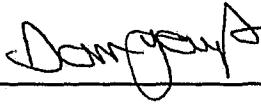
Chapter 279, Public Bids and Contracting and Wilsonville Code, 2.314, Contracts with the City, and the Attorney General's Model Rules which the City has adopted as its contracting rules.

2. Subject to the final review and approval of the City Engineer, staff is authorized to award the Town Center Loop East Extension (Day Dream Escape) construction contract to Clearwater Construction, the lowest responsible bidder, in the amount of \$1,104,366.55.

3. Authorized the expenditure of funds for this contract from:

<u>ACCOUNT NO.</u>	<u>AMOUNT</u>
5000-540-7704004	\$1,315,000

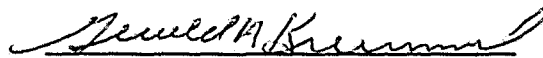
4. The Finance Director, by his signature below, has verified that funds are available in the account number mentioned in Item #3 above, for payment of all billings for this project.*


6/30/93

Finance Director

** While currently available and also budgeted for in FY 93-94 up to the other financial commitments already made. Special to be acquiring additional resources as set forth in FY 93-94 OR Budget Special*

ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof the 28th day of June, 1993, and filed with the Wilsonville City Recorder this date.



GERALD A. KRUMMEL, Mayor

ATTEST:

VERA A. ROJAS, CMC/AAE, City Recorder

SUMMARY of Votes:

- Mayor Krummel AYE
- Councilor Hawkins AYE
- Councilor Carter NO
- Councilor Lehan AYE
- Councilor Van Eck AYE

Exhibit "A"

ENGINEERING DEPARTMENT
STAFF REPORT AND RECOMMENDATION

DATE: JUNE 21, 1993

TO: HONORABLE MAYOR AND CITY COUNCILORS
CITY OF WILSONVILLE

FROM: MICHAEL A. STONE, P.E.
CITY ENGINEER

SUBJECT: BID AWARD FOR THE CONSTRUCTION OF THE
DAYDREAM ESCAPE, TOWN CENTER LOOP EAST
CONSTRUCTION PROJECT.

SUMMARY:

The proposed budget document for the 93-94 fiscal year of the City of Wilsonville contains funding for project #4004, construction of the Town Center Loop Extension Daydream Escape.

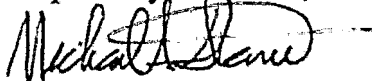
A total of 11 bids were received, the bid breakdown is attached to the accompanying resolution. The firm submitting the lowest bid did not fully complete the proposal. Not all the items were bid on. Therefore, the firm submitting the lowest complete bid is to be awarded the contract.

RECOMMENDATION:

Based on the bid results that were obtained at the bid on for June 18, 1993, at 2:00 p.m., staff recommends awarding the contract to Clearwater Construction in the amount of \$1,104,366.55.

The engineers estimate for construction of Town Center Loop East is \$1.6 million dollars.

Respectfully Submitted,



Michael A. Stone, P.E.
City Engineer

ms:cs

PROJECT CHECK LIST

COMPANY NAME	ACK. OF ADDENDUM#1	ADDENDUM INCLUDIN IN BID	10% BID BOND	SIGNED PROPOSAL	DATE & TIME BID RECEIVED	PRE-QUAL	RES. BIDDER STATEMENT
#1 COFFMAN EXCAVATION	YES	NO	YES	YES	6/18 1:46PM	YES	YES
#2 CLEARWATER CONST. CO.	YES	YES	YES	YES	6/18 1:35PM	YES	YES
#3 GELCO	YES	NO	YES	YES	6/18 1:50PM	YES	YES
#4 G.V.S. CONTRACTING	YES	YES	YES	YES	6/18 1:51PM	YES	YES
#5 BERNING CONST. CO.	YES	NO	YES	YES	6/18 1:15PM	YES	YES
#6 C & M CONST. CO.	YES	YES	YES	YES	6/18 1:55PM	YES	YES
#7 WILDISH STANDAR PAV.	YES	YES	YES	YES	6/18 1:42PM	YES	YES
#8 N.W. EARTHMOVERS	YES	YES	YES	YES	6/18 1:42PM	YES	YES
#9 MOCON	YES	NO	YES	YES	6/18 1:45PM	YES	YES
#10 BRUNDIDGE CONST. CO.	YES	YES	YES	YES	6/18 1:44PM	YES	YES
#11 VALLEY PACIFIC	YES	YES	YES	YES	6/18 1:40PM	YES	YES

BID CALC SHEET FOR TCLE

	COMPANY			COMPANY			COMPANY			COMPANY			COMPANY									
	COFFMAN EXCAVATION	CLEARWATER CONSTRUCTION	GELCO CONSTRUCTION	G.V.S.	BERNING CONSTRUCTION	C & M CONSTRUCTION	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	
STREETWORK																						
#1 Clearing, Grubbing			0.00																			
#2 Rough Grading and Excavation	13,300	3.50	45,000.00			75,000.00			25,000.00			62,000.00			140,000.00						54,400.00	
#3 Subgrade Preparation	12,627	0.60	7,576.20	12,627	0.70	8,838.90	12,627	1.10	13,889.70	12,627	0.25	3,156.75	12,627	2.00	25,254.00	12,627	2.22	28,031.94				
#4 5" of Class "C" A.C. Pavement	1,931	10.00	19,310.00	1,931	10.00	19,310.00	1,931	11.00	21,241.00	1,931	9.11	17,591.41	1,931	13.00	25,103.00	1,931	9.35	18,054.85				
#5 3" of Class "C" A.C. Pavement	259	10.00	2,590.00	259	9.00	2,331.00	259	8.35	2,162.65	259	9.20	2,382.80	259	8.00	2,072.00	259	9.45	2,447.55				
#6 2" of Class "C" A.C. Pavement	567	7.00	3,969.00	567	7.50	4,252.50	567	6.55	3,713.85	567	6.89	3,908.63	567	5.00	2,835.00	567	7.10	4,028.70				
#7 6" of 3/4"-0 Top Rock	10,101	3.00	30,303.00	10,101	3.50	35,353.50	10,101	3.75	37,878.75	10,101	4.46	45,050.46	10,101	3.50	35,353.50	10,101	3.07	37,070.87				
#8 2" of 3/4"-0 Top Rock	2,757	2.00	5,514.00	2,757	1.75	4,824.75	2,757	1.75	4,824.75	2,757	4.50	12,405.50	2,757	2.00	5,514.00	2,757	2.02	5,569.14				
#9 11" of 1 1/2"-0 Base Rock	2,062	5.50	11,341.00	2,062	5.60	11,547.20	2,062	5.85	12,062.70	2,062	4.48	9,195.52	2,062	7.00	14,434.00	2,062	5.25	10,846.12				
#10 8" of 1 1/2"-0 Base Rock	856	4.00	3,424.00	856	4.40	3,766.40	856	4.75	4,068.00	856	4.48	3,817.76	856	4.00	3,424.00	856	3.00	2,568.00				
#11 SWCT & RMVE pvmnt, cncrete curb & sidewalk	2,255	3.00	6,765.00	2,255	1.60	3,608.00	2,255	3.50	7,892.50	2,255	2.40	5,412.00	2,255	2.00	4,510.00	2,255	1.50	3,382.50				
#12 Imported Subgrade Stabilization Rock	850	24.00	20,400.00	850	12.00	10,200.00	850	25.00	21,250.00	850	16.00	13,600.00	850	8.00	6,800.00	850	15.00	12,750.00				
#13 Thermoplastic pvmnt Markers & paint stripe			6,000.00			6,400.00			7,000.00			7,000.00			7,900.00			8,295.00				
#14 Traffic Signs	30	110.00	3,300.00	30	110.00	3,300.00	30	120.00	3,600.00	30	170.00	5,100.00	30	110.00	3,300.00	30	190.00	5,700.00				
#15 Traffic Delineators	5	25.00	125.00	5	24.00	120.00	5	25.00	125.00	5	60.00	300.00	5	25.00	125.00	5	25.00	125.00				
#16 Driveway Reconstruction			750.00			1,000.00			3,500.00			1,000.00			1,200.00			1,500.00				
#17 Landscaping and Irr. System Restoration			5,500.00			5,500.00			3,000.00			6,500.00			1,400.00			7,500.00				
#18 Type III Barricade	56	25.00	1,400.00	56	28.00	1,568.00	56	30.00	1,680.00	56	13.40	750.40	56	20.00	1,120.00	56	25.00	1,400.00				
#19 Rotocato Library Sign, Park Sign & Ill. Hghts			1,600.00			2,500.00			2,000.00			1,700.00			2,000.00			800.00				
#20 Remove Exist Gate			510.00			300.00			500.00			150.00			400.00			500.00				
#21 Install New 22' Gate			2,500.00			1,500.00			2,400.00			663.85			700.00			2,800.00				
TOTAL STREET WORK			224,427.20			258,410.25			244,286.90			282,396.08			349,844.50			325,517.50				
CONCRETEWORK																						
#1 7 1/2" concrete pavement	9,076	16.00	145,216.00	9,076	16.50	149,754.00	9,076	14.25	129,333.00	9,076	14.70	133,417.20	9,076	15.50	140,678.00	9,076	14.95	135,778.95				
#2 Curb and Gutter	5,330	6.50	34,645.00	5,330	5.75	30,647.50	5,330	5.30	28,249.00	5,330	5.55	29,581.50	5,330	6.50	34,645.00	5,330	5.57	29,689.10				
#3 Extruded Curb	46	7.00	322.00	46	6.00	276.00	46	6.00	276.00	46	10.00	460.00	46	8.30	382.80	46	8.30	382.80				
#4 Concrete sidewalk and driveways	2,918	17.00	49,606.00	2,918	15.25	44,499.50	2,918	11.60	33,848.80	2,918	16.00	46,888.00	2,918	13.50	39,393.00	2,918	22.50	65,655.00				
TOTAL CONCRETEWORK			229,789.00			225,131.00			191,708.80			209,962.70			215,176.00			231,409.86				
SANITARY SEWER																						
#1 Const. standrd M.H. over existing 10" main	1	1,500.00	1,500.00	1	1,500.00	1,500.00	1	2,300.00	2,300.00	1	2,000.00	2,000.00	1	1,500.00	1,500.00	1	1,267.00	1,267.00				
#2 Standard Manhole w/locking lid	4	2,000.00	8,000.00	4	1,800.00	7,200.00	4	2,400.00	9,600.00	4	1,800.00	7,200.00	4	2,200.00	8,800.00	4	1,595.00	6,380.00				
#3 Standard Manhole	12	1,600.00	19,200.00	12	1,500.00	18,000.00	12	3,000.00	36,000.00	12	2,000.00	24,000.00	12	2,000.00	24,000.00	12	1,515.00	18,180.00				
#4 Const. Standard 6" cleanout over Exist. 4" lat.	1	250.00	250.00	1	450.00	450.00	1	900.00	900.00	1	400.00	400.00	1	500.00	500.00	1	450.00	450.00				
#5 Standard 6" cleanout	1	200.00	200.00	1	450.00	450.00	1	750.00	750.00	1	400.00	400.00	1	500.00	500.00	1	450.00	450.00				
#6 15" Sanitary Main (imported backfill)	907	60.00	54,420.00	907	65.00	58,955.00	907	60.00	54,420.00	907	53.00	48,071.00	907	68.00	61,676.00	907	56.51	51,254.57				
#7 8" Sanitary Main (imported backfill)	907	40.00	36,280.00	907	36.00	32,652.00	907	36.00	32,652.00	907	33.00	29,931.00	907	27.00	24,489.00	907	29.01	26,312.07				
#8 8" Sanitary Main (Native Backfill)	1,090	25.00	27,250.00	1,090	21.00	22,890.00	1,090	12.00	13,080.00	1,090	28.00	30,520.00	1,090	14.00	15,260.00	1,090	17.75	19,347.50				
#9 6" Sanitary Main (Imported Backfill)	125	28.00	3,500.00	125	25.00	3,125.00	125	24.00	3,000.00	125	22.00	2,750.00	125	30.00	3,750.00	125	20.96	2,620.00				
#10 6" Sanitary Main (Native Backfill)	30	24.00	720.00	30	13.00	390.00	30	11.00	330.00	30	18.00	540.00	30	20.00	600.00	30	15.21	456.30				
#11 12" Pressure Sanitary Main	613	23.00	14,099.00	613	30.00	18,390.00	613	25.00	15,325.00	613	26.00	15,938.00	613	37.00	22,681.00	613	22.53	13,810.89				
#12 Pressure Sanitary Main (Native backfill)	504	18.00	9,072.00	504	24.00	12,096.00	504	18.00	9,072.00	504	20.00	10,080.00	504	25.00	12,600.00	504	18.00	9,072.00				
#13 8" Pressure Sanitary Main (Imp. backfill)	97	28.00	2,716.00	97	36.00	3,492.00	97	20.00	1,940.00	97	20.00	1,940.00	97	35.00	3,395.00	97	37.53	3,640.41				
#14 Break, Enter & Connect Prop. 15" san. to ex. M.H.	1	600.00	600.00	1	550.00	550.00	1	1,000.00	1,000.00	1	800.00	800.00	1	400.00	400.00	1	1,524.00	1,524.00				
#15 Connect to Exist 8" Pressure Sanitary Main	1	900.00	900.00	1	950.00	950.00	1	1,500.00	1,500.00	1	1,000.00	1,000.00	1	450.00	450.00	1	500.00	500.00				
#16 Concrete Anchor Wall	1	300.00	300.00	1	900.00	900.00	1	200.00	200.00	1	200.00	200.00	1	900.00	900.00	1	300.00	300.00				
#17 Pavement Removal and Replacement	418	35.00	14,630.00	418	20.00	8,360.00	418	25.00	10,450.00	418	30.00	12,540.00	418	32.00	13,376.00	418	15.00	6,270.00				
#18 Remove Exist. Pump, Valve & Septic Tank			2,500.00			2,000.00			3,500.00			1,000.00			1,000.00			750.00				
#19 Remove Exist. Air Release Valve			180.00			500.00			500.00			800.00			800.00			250.00				
#20 Extra Depth Bedding (if necessary)	150		1,500.00	150	12.00	1,800.00	150	30.00	4,500.00	150	15.00	2,250.00	150	10.00	1,500.00	150	18.00	2,700.00				
#21 Trench Rock Excavation	500		0.00	500	50.00	25,000.00	500		0.00	500	80.00	40,000.00	500		0.00	500	60.00	30,000.00				
TOTAL SANITARY SEWER			197,817.00			249,204.00			201,019.00			234,568.00			198,177.00			195,984.74				
STORM SEWER																						
#1 Standard Manhole w/locking lid	5	1,500.00	7,500.00	5	1,250.00	6,250.00	5	2,000.00	10,000.00	5	1,700.00	8,500.00	5	1,600.00	8,000.00	5	1,450.00	7,250.				

BID CALC SHEET FOR TCLE

#4 Catch Basin	11	800.00	800.00	11	650.00	650.00	11	675.00	675.00	11	750.00	750.00	11	865.00	865.00	11	700.00	700.00
#5 Field Inlet	21	900.00	1,800.00	21	800.00	1,600.00	21	875.00	1,750.00	21	1,200.00	2,400.00	21	700.00	1,400.00	21	775.00	1,550.00
#6 6" Cleanout	31	250.00	750.00	31	350.00	1,050.00	31	300.00	900.00	31	400.00	1,200.00	31	500.00	1,500.00	31	450.00	1,350.00
#7 24" Storm Main (Imported backfill)	54	55.00	2,970.00	54	40.00	2,160.00	54	60.00	3,240.00	54	35.00	1,890.00	54	45.00	2,430.00	54	38.10	2,060.84
#8 24" Storm Main (native backfill)	260	35.00	9,100.00	260	31.00	8,060.00	260	35.00	9,100.00	260	25.00	6,500.00	260	25.00	6,500.00	260	31.33	8,145.80
#9 21" Storm Main	269	33.00	8,877.00	269	34.00	9,146.00	269	45.00	12,105.00	269	30.00	8,070.00	269	17.00	4,573.00	269	36.40	9,807.74
#10 18" Storm Main (Imported backfill)	301	40.00	12,040.00	301	31.00	9,331.00	301	55.00	16,555.00	301	29.00	8,721.00	301	40.00	12,040.00	301	35.21	10,589.30
#11 18" Storm Main (native backfill)	501	30.00	1,500.00	501	24.00	1,200.00	501	30.00	1,500.00	501	23.00	1,150.00	501	25.00	1,250.00	501	28.22	1,318.00
#12 15" Storm Main (Imported backfill)	1,253	34.00	42,602.00	1,253	27.00	33,831.00	1,253	43.00	53,879.00	1,253	30.00	37,590.00	1,253	33.00	41,349.00	1,253	33.61	42,113.33
#13 15" Storm Main (native backfill)	120	24.00	2,880.00	120	22.00	2,640.00	120	25.00	3,000.00	120	20.00	2,400.00	120	19.00	2,280.00	120	24.72	2,966.40
#14 12" Storm Main and Laterals (Imp. backfill)	405	34.00	13,770.00	405	24.00	9,720.00	405	35.00	14,175.00	405	20.00	8,100.00	405	35.00	14,175.00	405	28.33	11,473.65
#15 12" Storm Main and Laterals (nat. backfill)	191	24.00	4,584.00	191	20.00	3,820.00	191	17.00	3,247.00	191	18.00	3,438.00	191	20.00	4,820.00	191	23.27	4,444.57
#16 10" Storm Main (Imported backfill)	34	33.00	1,122.00	34	17.00	578.00	34	24.00	816.00	34	24.00	816.00	34	30.00	1,020.00	34	28.33	963.22
#17 10" Storm Main (native backfill)	50	20.00	1,000.00	50	15.00	750.00	50	14.00	700.00	50	18.00	900.00	50	20.00	1,000.00	50	23.27	1,163.60
#18 8" Storm Main	5	40.00	200.00	5	13.00	65.00	5	22.00	110.00	5	20.00	100.00	5	50.00	250.00	5	27.00	135.00
#19 8" Storm Main	10	28.00	280.00	10	12.00	120.00	10	10.00	100.00	10	20.00	200.00	10	50.00	500.00	10	25.00	250.00
#20 6" French Drain	1,984	9.00	17,856.00	1,984	10.00	19,840.00	1,984	12.00	23,808.00	1,984	18.00	35,714.40	1,984	4.00	7,936.00	1,984	9.00	17,856.00
#21 Reset ex. storm M.H. rim	3	250.00	750.00	3	400.00	1,200.00	3	250.00	750.00	3	800.00	1,600.00	3	200.00	600.00	3	200.00	600.00
#22 Rock Riprap			750.00			1,000.00			200.00			400.00			800.00			1,600.00
#23 Swale Inflow spreader	1	550.00	550.00	1	200.00	200.00	1	500.00	500.00	1	300.00	300.00	1	800.00	800.00	1	300.00	300.00
#24 Concrete anchor Wall	1	300.00	300.00	1	500.00	500.00	1	200.00	200.00	1	200.00	200.00	1	700.00	700.00	1	250.00	250.00
#25 Pavement Removal and Replacement	25	30.00	750.00	25	28.00	700.00	25	25.00	625.00	25	38.00	950.00	25	40.00	1,000.00	25	15.00	375.00
#26 Break, Ent. & Cnct 12" Storm to Ex. 48" main	4	500.00	2,000.00	4	400.00	1,600.00	4	750.00	3,000.00	4	500.00	2,000.00	4	500.00	2,000.00	4	400.00	1,600.00
#27 Remove field inlet & regrade ditch			400.00			300.00			450.00			400.00			600.00			250.00
#28 Extra depth bedding (if necessary)	150	10.00	1,500.00	150	12.00	1,800.00	150	30.00	4,500.00	150	15.00	2,250.00	150	10.00	1,500.00	150	15.00	2,250.00
TOTAL STORM SEWER			147,791.00			128,010.00			178,890.00			147,132.00			130,198.00			141,577.15
WATER SYSTEM																		
#1 8" D.I.P. water main	82	30.00	2,460.00	82	22.00	1,804.00	82	25.00	2,050.00	82	21.00	1,722.00	82	21.00	1,722.00	82	21.61	1,772.02
#2 12" D.I.P. Water main	2,613	31.00	81,003.00	2,613	27.50	71,857.50	2,613	36.50	95,374.50	2,613	28.00	73,164.00	2,613	26.00	67,938.00	2,613	27.28	71,282.64
#3 Gate Valve	5	500.00	2,500.00	5	525.00	2,625.00	5	400.00	2,000.00	5	500.00	2,500.00	5	500.00	2,500.00	5	490.00	2,450.00
#4 12" Butterfly Valve	9	800.00	7,200.00	9	800.00	7,200.00	9	1,000.00	9,000.00	9	800.00	7,200.00	9	850.00	7,650.00	9	830.00	7,470.00
#5 Fire Hydrant	5	1,900.00	9,500.00	5	1,800.00	9,000.00	5	2,500.00	12,500.00	5	1,600.00	8,000.00	5	1,800.00	9,000.00	5	1,825.00	9,125.00
#6 Relocate existing fire hydrant	1	900.00	900.00	1	450.00	450.00	1	1,500.00	1,500.00	1	800.00	800.00	1	900.00	900.00	1	775.00	775.00
#7 Reset existing water valve box to finished grad	4	60.00	240.00	4	50.00	200.00	4	150.00	600.00	4	50.00	200.00	4	200.00	800.00	4	75.00	300.00
#8 Reset existing water meter and box	4	60.00	240.00	4	50.00	200.00	4	150.00	600.00	4	100.00	400.00	4	200.00	800.00	4	175.00	700.00
#9 Cut in and Connect to exist. 12" D.I.P.	1	1,000.00	1,000.00	1	450.00	450.00	1	1,000.00	1,000.00	1	1,500.00	1,500.00	1	300.00	300.00	1	700.00	700.00
#10 Connect to Exist. 8" D.I.P.	1	750.00	750.00	1	400.00	400.00	1	1,000.00	1,000.00	1	600.00	600.00	1	200.00	200.00	1	500.00	500.00
#11 Extra Depth Bedding (if necessary)	150	14.00	2,100.00	150	12.00	1,800.00	150	30.00	4,500.00	150	15.00	2,250.00	150	10.00	1,500.00	150	16.00	2,400.00
TOTAL WATER SYSTEM			107,593.00			96,886.50			130,124.50			98,336.00			93,310.00			97,474.66
EROSION CONTROL MEASURES																		
#1 Temporary Silt Fence	3,910	0.80	3,128.00	3,910	1.10	4,301.00	3,910	1.00	3,910.00	3,910	1.50	5,865.00	3,910	1.50	5,865.00	3,910	1.50	5,865.00
#2 Temporary Inlet protection	13	30.00	390.00	13	50.00	650.00	13	100.00	1,300.00	13	50.00	650.00	13	200.00	2,600.00	13	50.00	650.00
TOTAL EROSION CONTROL MEASURES			3,518.00			4,951.00			5,210.00			6,515.00			8,465.00			6,515.00
STREET LIGHTING AND POWER																		
#1 Trenching for Conduit	3,394	3.00	10,182.00	3,394	3.70	12,557.80	3,394	3.00	10,182.00	3,394	2.75	9,333.50	3,394	4.00	13,576.00	3,394	2.00	6,788.00
#2 2" Dia. P.V.C. Conduit	3,604	1.50	5,406.00	3,604	1.00	3,604.00	3,604	2.00	7,208.00	3,604	1.65	5,946.60	3,604	2.00	7,208.00	3,604	1.50	5,406.00
#3 4" Dia. P.V.C. Conduit	1,106	2.50	2,765.00	1,106	2.00	2,212.00	1,106	4.00	4,424.00	1,106	3.25	3,594.50	1,106	3.00	3,318.00	1,106	2.50	2,765.00
#4 Conson Boxes	18	150.00	2,700.00	18	250.00	4,500.00	18	300.00	5,400.00	18	275.00	4,950.00	18	130.00	2,340.00	18	120.00	2,160.00
#5 GCO LA Vault	2	2,200.00	4,400.00	2	1,700.00	3,400.00	2	1,900.00	3,800.00	2	2,000.00	4,000.00	2	1,700.00	3,400.00	2	1,630.00	3,260.00
#6 Remove Exist. Street Light			600.00			500.00			800.00			800.00			200.00			300.00
#7 Relocate Exist. Street Light			1,200.00			1,000.00			1,500.00			1,700.00			700.00			1,000.00
TOTAL STREET LIGHTING			27,253.00			27,773.80			33,314.00			30,324.00			30,742.00			21,019.00
TRAFFIC SIGNAL																		
#1 Traffic Signal			125,000.00			114,000.00			125,000.00			112,000.00			100,000.00			112,000.00
TOTAL TRAFFIC SIGNAL			125,000.00			114,000.00			125,000.00			112,000.00			100,000.00			112,000.00
TOTAL CONSTRUCTION			1,063,488.20			1,104,368.55			1,109,541.20			1,131,234.38			1,132,012.50			1,132,097.91

SHADED AREAS REPRESENT MISSING B/D ITEM, MATHEMATICAL ERROR, OR DIFFERENT TOTAL THAN B/D

TCLE WKST #2

	COMPANY				COMPANY				COMPANY				COMPANY						
	WILDISH STANDARD PAVING				NORTHWEST EARTH MOVERS				MOCON CONSTRUCTION CO.				BRUNDRIDGE CONSTRUCTION				VALLEY PACIFIC CONSTRUCTION		
	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	
STREETWORK																			
#1 Clearing, Grubbing			39,000.00			120,000.00			77,000.00			00,000.00			82,550.00				
#2 Rough Grading and Excavation	13,300	8.00	106,400.00	13,300	3.01	40,033.00	13,300	7.00	93,100.00	13,300	10.10	135,120.00	13,300	4.21	55,983.00				
#3 Subgrade Preparation	12,627	2.00	25,254.00	12,627	1.89	23,795.76	12,627	1.00	12,627.00	12,627	1.23	15,531.21	12,627	0.61	7,702.47				
#4 5" of Class "C" A.C. Pavement	1,931	13.00	25,103.00	1,931	12.54	24,214.74	1,931	13.00	25,103.00	1,931	10.88	20,970.88	1,931	9.45	18,247.95				
#5 3" of Class "C" A.C. Pavement	259	8.00	2,072.00	259	7.54	1,952.86	259	6.00	1,554.00	259	7.75	2,007.25	259	9.65	2,499.35				
#6 2" of Class "C" A.C. Pavement	567	6.00	3,402.00	567	5.03	2,852.01	567	5.00	2,835.00	567	6.20	3,515.40	567	7.25	4,110.75				
#7 6" of 3/4"-0 Top Rock	10,101	5.00	50,505.00	10,101	3.08	30,909.06	10,101	4.00	40,404.00	10,101	3.87	37,070.87	10,101	3.30	33,333.30				
#8 2" of 3/4"-0 Top Rock	2,757	3.00	8,271.00	2,757	1.77	4,879.89	2,757	2.00	5,514.00	2,757	1.30	3,584.10	2,757	3.30	9,098.10				
#9 11" of 1 1/2"-0 Base Rock	2,062	8.00	16,496.00	2,062	4.99	10,289.39	2,062	8.00	16,496.00	2,062	5.30	10,928.60	2,062	3.95	8,144.90				
#10 8" of 1 1/2"-0 Base Rock	856	6.00	5,136.00	856	3.64	3,115.84	856	6.00	5,136.00	856	4.82	4,125.92	856	3.95	3,381.20				
#11 SWCT & RMVE pvmnt, cncrete curb & sidewalk	2,255	4.00	9,020.00	2,255	1.51	3,405.05	2,255	4.00	9,020.00	2,255	1.30	2,931.50	2,255	2.25	5,073.75				
#12 Imported Subgrade Stabilization Rock	850	10.00	8,500.00	850	1.00	850.00	850	15.00	12,750.00	850	17.00	14,450.00	850	12.45	10,582.50				
#13 Thermoplastic pvmt Markers & paint stripe			6,000.00			6,594.50			16,000.00			6,800.00			6,595.00				
#14 Traffic Signs	30	100.00	3,000.00	30	112.60	3,378.00	30	110.00	3,300.00	30	106.00	3,180.00	30	113.25	3,397.50				
#15 Traffic Delineators	5	22.00	110.00	5	24.20	121.00	5	22.00	110.00	5	23.00	115.00	5	24.20	121.00				
#16 Driveway Reconstruction			1,000.00			2,400.00			13,000.00			500.00			370.00				
#17 Landscaping and Irr. System Restoration			8,000.00			18,613.10			8,000.00			4,653.00			28,245.00				
#18 Type III Barricade	56	20.00	1,120.00	56	21.60	1,209.60	56	10.00	560.00	56	13.00	728.00	56	34.00	1,904.00				
#19 Relocate Library Sign, Park Sign & Ill. lights			1,000.00			1,200.00			3,500.00			1,034.00			1,650.00				
#20 Remove Exist Gate			500.00			609.60			500.00			220.00			115.00				
#21 Install New 22' Gate			2,500.00			2,958.00			6,000.00			1,365.00			1,367.00				
TOTAL STREETWORK			322,389.00			303,324.39			354,509.00			358,638.31			284,481.77				
CONCRETEWORK																			
#1 7 1/2" concrete pavement	9,076	28.00	254,208.00	9,076	18.93	171,656.88	9,076	22.00	199,672.00	9,076	14.75	133,871.00	9,076	16.65	151,115.40				
#2 Curb and Gutter	5,330	5.00	26,650.00	5,330	5.50	29,315.00	5,330	5.00	26,650.00	5,330	5.45	29,058.40	5,330	5.50	29,315.00				
#3 Extruded Curb	46	20.00	920.00	46	5.50	253.00	46	4.50	207.00	46	10.00	460.00	46						
#4 Concrete sidewalk and driveways	2,918	14.00	40,852.00	2,918	16.80	49,011.20	2,918	18.00	52,524.00	2,918	15.73	45,900.14	2,918	17.55	51,210.90				
TOTAL CONCRETEWORK			347,616.00			292,538.88			284,383.00			209,439.54			231,641.30				
SANITARY SEWER																			
#1 Const. standrd M.H. over existing 10' main		2,500.00	2,500.00		2,100.00	2,100.00		2,500.00	2,500.00		3,422.00	3,422.00		2,208.00	2,208.00				
#2 Standard Manhole w/locking lid		2,500.00	10,000.00		2,730.00	10,920.00		2,700.00	10,800.00		3,298.00	13,192.00		2,407.00	9,628.00				
#3 Standard Manhole	12	2,500.00	30,000.00	12	2,244.00	26,928.00	12	2,000.00	24,000.00	12	3,031.00	36,372.00	12	2,307.00	27,684.00				
#4 Const. Standard 6" cleanout over Exist. 4" lat.	1	250.00	250.00	1	420.00	420.00	1	500.00	500.00	1	50.00	50.00	1	250.00	250.00				
#5 Standard 6" cleanout	1	200.00	200.00	1	420.00	420.00	1	500.00	500.00	1	100.00	100.00	1	155.00	155.00				
#6 15" Sanitary Main (Imported backfill)	907	50.00	45,350.00	907	56.70	51,426.90	907	55.00	49,885.00	907	110.00	99,770.00	907	49.98	45,313.72				
#7 8" Sanitary Main (Imported backfill)	907	30.00	27,210.00	907	26.82	24,118.74	907	31.00	28,117.00	907	69.00	62,583.00	907	30.28	27,445.82				
#8 8" Sanitary Main (Native Backfill)	1,090	15.00	16,350.00	1,090	21.47	23,402.30	1,090	31.00	33,780.00	1,090	44.63	48,646.70	1,090	14.66	15,978.40				
#9 8" Sanitary Main (Imported Backfill)	125	20.00	2,500.00	125	39.51	4,938.75	125	30.00	3,750.00	125	26.54	3,317.50	125	16.67	2,083.75				
#10 6" Sanitary Main (Native Backfill)	30	15.00	450.00	30	33.94	1,018.20	30	25.00	750.00	30	26.00	780.00	30	13.05	391.50				
#11 12" Pressure Sanitary Main	613	30.00	18,390.00	613	19.87	12,141.61	613	35.00	21,455.00	613	22.00	13,486.00	613	50.80	31,150.40				
#12 Pressure Sanitary Main (Native backfill)	504	30.00	15,120.00	504	24.12	12,156.48	504	30.00	15,120.00	504	18.00	9,072.00	504	26.15	13,179.60				
#13 8" Pressure Sanitary Main (Imp. backfill)	97	30.00	2,910.00	97	21.60	2,095.20	97	28.00	2,716.00	97	23.00	2,231.00	97	28.10	2,725.70				
#14 Break,Entor&Connect Prop. 15'san. to ex. M.H	1	1,800.00	1,800.00	1	540.00	540.00	1	2,000.00	2,000.00	1	650.00	650.00	1	1,775.00	1,775.00				
#15 Connect to Exist 8"Pressure Sanitary Main	1	600.00	600.00	1	300.00	300.00	1	1,000.00	1,000.00	1	580.00	580.00	1	557.00	557.00				
#16 Concrete Anchor Wall	1	600.00	600.00	1	600.00	600.00	1	700.00	700.00	1	2,443.00	2,443.00	1	560.00	560.00				
#17 Pavement Removal and Replacement	418	25.00	10,450.00	418	24.00	10,032.00	418	20.00	8,360.00	418	100.00	41,800.00	418	12.60	5,266.80				
#18 Remove Exist. Pump, valve & Septic Tank			1,000.00			2,400.00			6,000.00			2,783.00			1,923.00				
#19 Remove Exist. Air Release Valve			100.00			1,200.00			1,500.00			340.00			55.00				
#20 Extra Depth Bedding (if necessary)	150	16.00	2,400.00	150	12.00	1,800.00	150	12.00	1,800.00	150	20.00	3,000.00	150	14.99	2,248.50				
#21 Trench Rock Excavation	500	100.00	50,000.00	500	1.00	500.00	500		0.00	500	50.00	25,000.00	500	195.00	97,500.00				
TOTAL SANITARY SEWER			238,180.00			188,858.18			222,443.00			375,488.20			278,459.19				
STORM SEWER																			
#1 Standard Manhole w/locking lid	5	2,000.00	10,000.00	5	1,440.00	7,200.00	5	2,600.00	13,000.00	5	3,462.00	17,310.00	5	1,906.00	9,530.00				
#2 Standard Manhole	9	2,000.00	18,000.00	9	1,680.00	15,120.00	9	2,500.00	22,500.00	9	3,245.00	29,205.00	9	1,806.00	16,254.00				
#3 Concrete Inlets (G-1)	10	700.00	7,000.00	10	764.50	7,645.00	10	650.00	6,500.00	10	700.00	7,000.00	10	1,030.00	10,300.00				
#4 Catch Basin	1	700.00	700.00	1	600.00	600.00	1	650.00	650.00	1	705.00	705.00	1	1,030.00	1,030.00				
#5 Field Inlet	2	700.00	1,400.00	2	803.00	1,606.00	2	650.00	1,300.00	2	900.00	1,800.00	2	803.00	1,606.00				

TCLE WKST #2															
#6 6" Cleanout	3	200.00	600.00	3	420.00	1,260.00	3	500.00	1,500.00	3	100.00	300.00	3	146.70	440.10
#7 24" Storm Main (imported backfill)	54	55.00	2,970.00	54	48.00	2,592.00	54	40.00	2,160.00	54	58.00	3,132.00	54	52.80	2,851.20
#8 24" Storm Main (native backfill)	269	35.00	9,405.00	269	41.11	10,959.59	269	32.00	8,608.00	269	41.00	10,969.00	269	35.30	9,478.00
#9 21" Storm Main	269	40.00	10,760.00	269	37.44	10,071.36	269	31.00	8,339.00	269	47.00	12,643.00	269	39.22	10,550.18
#10 18" Storm Main (imported backfill)	30	50.00	1,500.00	30	36.00	1,080.00	30	35.00	1,050.00	30	42.00	1,260.00	30	48.05	1,441.50
#11 18" Storm Main (native backfill)	50	35.00	1,750.00	50	31.54	1,577.00	50	32.00	1,600.00	50	34.00	1,700.00	50	35.30	1,765.00
#12 15" Storm Main (imported backfill)	1,253	30.00	37,590.00	1,253	35.63	44,644.39	1,253	35.00	43,855.00	1,253	42.00	52,626.00	1,253	28.20	35,334.60
#13 15" Storm Main (native backfill)	120	20.00	2,400.00	120	31.08	3,729.60	120	32.00	3,840.00	120	34.00	4,080.00	120	20.55	2,466.00
#14 12" Storm Main and Laterals (imp. backfill)	405	30.00	12,150.00	405	31.56	12,781.80	405	33.00	13,365.00	405	38.00	15,795.00	405	27.63	11,190.15
#15 12" Storm Main and Laterals (nat. backfill)	191	25.00	4,775.00	191	28.50	5,061.50	191	28.00	5,339.00	191	30.00	5,730.00	191	22.45	4,287.95
#16 10" Storm Main (Imported backfill)	34	30.00	1,020.00	34	30.36	1,032.24	34	27.00	918.00	34	35.00	1,190.00	34	30.18	1,026.12
#17 10" Storm Main (native backfill)	50	20.00	1,000.00	50	24.40	1,220.00	50	22.00	1,100.00	50	53.00	2,650.00	50	19.99	999.50
#18 8" Storm Main	5	17.00	85.00	5	14.40	72.00	5	20.00	100.00	5	25.00	125.00	5	17.00	85.00
#19 6" Storm Main	10	15.00	150.00	10	12.00	120.00	10	20.00	200.00	10	25.00	250.00	10	14.50	145.00
#20 6" French Drain	1,984	7.00	13,888.00	1,984	9.60	19,046.40	1,984	14.00	27,776.00	1,984	8.65	17,181.60	1,984	6.90	13,689.60
#21 Reset ex. storm M.H. rim	3	300.00	900.00	3	960.00	2,880.00	3	400.00	1,200.00	3	100.00	300.00	3	340.00	1,020.00
#22 Rock Riprap			200.00			760.00			2,000.00			1,461.00			675.00
#23 Swale Inflow Spreader		200.00	200.00		300.00	300.00		500.00	500.00		200.00	200.00		205.00	205.00
#24 Concrete anchor Wall		600.00	600.00		600.00	600.00		500.00	500.00		2,443.00	2,443.00		560.00	560.00
#25 Pavement Removal and Replacement	25	50.00	1,250.00	25	24.00	600.00	25	20.00	500.00	25	50.00	1,250.00	25	12.80	315.00
#26 Break, Ent. & Cnct 12" Storm to Ex. 48" main	4	1,000.00	4,000.00	4	600.00	2,400.00	4	500.00	2,000.00	4	1,000.00	4,000.00	4	750.00	3,000.00
#27 Remove field inlet & regrade ditch			300.00			600.00			4,000.00			300.00			360.00
#28 Extra depth bedding (if necessary)	150	15.00	2,250.00	150	12.00	1,800.00	150	12.00	1,800.00	150	17.00	2,550.00	150	14.85	2,227.50
TOTAL STORM SEWER			146,538.00			157,147.80			176,112.00			198,426.60			142,532.40
WATER SYSTEM															
#1 8" D.I.P. water main	82	35.00	2,870.00	82	29.96	2,456.72	82	33.00	2,706.00	82	27.00	2,214.00	82	32.25	2,644.50
#2 12" D.I.P. Water main	2,613	35.00	91,455.00	2,613	30.30	79,173.90	2,613	35.00	91,455.00	2,613	30.30	79,173.90	2,613	33.21	86,777.73
#3 Gate Valve	5	700.00	3,500.00	5	600.00	3,000.00	5	800.00	4,000.00	5	418.00	2,090.00	5	842.00	4,210.00
#4 12" Butterfly Valve	9	1,500.00	13,500.00	9	1,020.00	9,180.00	9	1,200.00	10,800.00	9	788.00	7,092.00	9	1,183.00	10,647.00
#5 Fire Hydrant	5	2,000.00	10,000.00	5	2,498.26	12,491.30	5	2,000.00	10,000.00	5	1,752.00	8,760.00	5	2,056.00	10,280.00
#6 Relocate existing fire hydrant	1	1,000.00	1,000.00	1	960.00	960.00	1	600.00	600.00	1	1,200.00	1,200.00	1	773.00	773.00
#7 Reset existing water valve box to finished grade	4	100.00	400.00	4	120.00	480.00	4	75.00	300.00	4	80.00	320.00	4	50.00	200.00
#8 Reset existing water meter and box	4	600.00	2,400.00	4	960.00	3,840.00	4	250.00	1,000.00	4	400.00	1,600.00	4	527.00	2,108.00
#9 Cut In and Connect to exist. 12" D.I.P.	1	2,500.00	2,500.00	1	1,200.00	1,200.00	1	1,000.00	1,000.00	1	588.00	588.00	1	2,108.00	2,108.00
#10 Connect to Exist. 8" D.I.P.	1	200.00	200.00	1	480.00	480.00	1	1,000.00	1,000.00	1	530.00	530.00	1	170.00	170.00
#11 Extra Depth Bedding (if necessary)	150	15.00	2,250.00	150	12.00	1,800.00	150	15.00	2,250.00	150	14.00	2,100.00	150	14.85	2,227.50
TOTAL WATER SYSTEM			130,075.00			114,669.92			125,111.00			105,449.90			121,145.73
EROSION CONTROL MEASURES															
#1 Temporary Silt Fence	3,910	2.00	7,820.00	3,910	1.80	7,038.00	3,910	2.00	7,820.00	3,910	1.55	6,060.50	3,910	1.20	4,692.00
#2 Temporary Inlet Protection	13	30.00	390.00	13	30.00	390.00	13	50.00	650.00	13	82.00	1,066.00	13	38.50	500.50
TOTAL EROSION CONTROL MEASURES			8,210.00			7,428.00			8,470.00			7,126.50			5,192.50
STREET LIGHTING AND POWER															
#1 Trenching for Conduit	3,394	3.00	10,182.00	3,394	2.93	9,944.42	3,394	4.00	13,576.00	3,394	3.35	11,369.90	3,394	2.75	9,331.50
#2 2" Dia. P.V.C. Conduit	3,604	2.00	7,208.00	3,604	1.95	7,027.80	3,604	2.00	7,208.00	3,604	1.00	3,604.00	3,604	1.65	5,946.60
#3 4" Dia. P.V.C. Conduit	1,106	3.00	3,318.00	1,106	4.31	4,766.86	1,106	4.00	4,424.00	1,106	1.50	1,659.00	1,106	2.35	2,599.10
#4 Conduit Boxes	18	250.00	4,500.00	18	167.20	3,009.60	18	130.00	2,340.00	18	200.00	3,600.00	18	132.00	2,376.00
#5 600 LA Vault	2	2,000.00	4,000.00	2	1,952.50	3,905.00	2	1,800.00	3,600.00	2	1,747.00	3,494.00	2	2,000.00	4,000.00
#6 Remove Exist. Street Light			1,000.00			200.00			200.00			775.00			550.00
#7 Relocate Exist. Street Light			2,000.00			1,733.00			11,000.00			2,585.00			1,100.00
TOTAL STREET LIGHTING			32,208.00			28,951.28			42,348.00			27,006.90			25,005.20
TRAFFIC SIGNAL															
#1 Traffic Signal			110,000.00			117,249.00			130,000.00			110,214.00			127,968.00
TOTAL TRAFFIC SIGNAL			110,000.00			117,249.00			130,000.00			110,214.00			127,968.00
TOTAL CONSTRUCTION			1,335,216.00			1,150,067.54			1,343,378.00			1,391,869.95			1,315,326.09

ENGINEERING DEPARTMENT
STAFF REPORT

DATE: JUNE 28, 1993

TO: HONORABLE MAYOR AND CITY COUNCILORS
CITY OF WILSONVILLE

FROM: MICHAEL A. STONE, P.E.
CITY ENGINEER

SUBJECT: BID AWARD FOR THE CONSTRUCTION OF THE
DAY DREAM ESCAPE, TOWN CENTER LOOP EAST
CONSTRUCTION PROJECT.

SUMMARY:

A recommendation of contract award was presented to the City Council on June 21, 1993. However due to an apparent problem with the low bid submitted by Coffman Excavation and the need for City Staff to further analyze the bids received the award of the subject project was continued to June 21, 1993.

As indicated earlier, a total of 11 bids were received on the subject project and a bid breakdown is attached to the accompanying resolutions.

DISCUSSION:

After preparation of the contract documents and construction plans for the subject project MacKay and Sposito and the City Engineer determined that there were two items which needed clarification so that the construction firms who wished to submit bids on the referenced project would have a clear understanding of the intentions of the contract documents specifications & plans.

In order to properly address and answer these concerns MacKay and Sposito and City Staff prepared an addendum (attached as Exhibit A) which outlined the two items as previously discussed in an attempt to clarify any associated questions or problems that the bidders may have.

As shown on Exhibit A, the first item on the addendum was a revision to the proposal. Sub-paragraph one indicated that an additional item was to be added under Division 3 of the Proposal; Sanitary Sewer in the form of proposal item 21, Trench Rock Excavation with an estimated quantity of 500 cubic yards. The inclusion of this item was to specifically require that the contractor revise the proposal form to add a bid amount at a unit price for the estimated 500 cubic yards.

As indicated the addendum was to be signed by a responsible party and included in the bid proposal. The requirement that the addendum be submitted is specifically indicated.

At 2:00 p.m. on June 18, 1993, the bid proposals were opened and publicly read. After the bid opening Engineering Division Staff as standard practice reviewed all the submitted proposals for the required documentation and arithmetic checks. A summary of the individual items is attached as Exhibit B. This summary sheet is meant to provide an overview of the associated problems that were determined in the individual bids submitted.

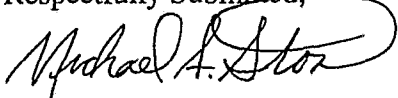
Upon a closer review of the summary sheet it was determined that Coffman Excavation did not add item #21 to the proposal as required for in the addendum. A copy of the addendum and proposal submitted by Coffman Excavation is included as Exhibit B and Exhibit D respectively. C

Subsequent to this determination, Coffman was notified by the City Engineer that it was his intention to declare Coffman's bid as non-responsive, or incomplete and that a recommendation for award would be forthcoming to the firm submitting the next lowest bid, Clearwater Construction.

Subsequent to this conversation the City Engineer and the City Attorney received faxed letters from Coffman's Attorney (attached as Exhibit E) which outlined several provisions of the Oregon Contracting Rule which would allow City Staff to determine that minor informalities on the proposal submittals could be waived, and that the City should award to Coffman Excavation.

Clearwater Construction is aware of the omission and has indicated that the bid should be considered incomplete and non-responsive with the intent to filing a formal bid protest if Coffman is awarded the contract.

Respectfully Submitted,



Michael A. Stone, P.E.
City Engineer

ms:cs

**ADDENDUM TO PROJECT PLANS
AND SPECIFICATIONS NO. 1**

DATE: JUNE 10, 1993
TO: PLANHOLDERS
PROJECT: TOWN CENTER LOOP EAST EXTENSION
WILSONVILLE, OREGON
SUBJECT: TRENCH ROCK EXCAVATION AND P.V.C. PIPE

- A.) PROPOSAL
 - 1. ADD: Under Division 3 - Sanitary Sewer in the Proposal, Item #21, Trench Rock Excavation 500 C.Y.
- B.) DIVISION 3
 - 1. ADD: Under Division 3 - Sanitary Sewers and Storm Drains 301.1.01B Rock Excavation;

Rock excavation is defined as the removal of material which cannot, in the Engineer's judgment, be reasonably excavated with equipment comparable in terms of machine weight and rated horsepower to the units indicated as follows:

Hydraulic hoe excavator:

Minimum unit weight	82,000lb.
Net horsepower rating	130 to 140 HP

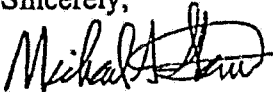
<u>Manufacturer</u>	<u>Model</u>
Caterpillar	235
Link Belt	LS 4800
Koehring	666

- 2. ADD: Under 303.2.06 Polyvinyl Chloride (PVC) Pipe;
C900 P.V.C. Pipe shall be class 150 pipe.

These Addenda to the Project Plans and Specifications shall be considered merged with the original bid package as if they were whole. All bids to be considered shall include a signed copy of this Addendum.

Contractor Signature

Date

Sincerely,

Michael A. Stone, P.E.
City Engineer

PROJECT CHECK LIST

EXHIBIT B

COMPANY NAME	ACK. OF ADDENDUM#1	ADDENDUM INCLUDIN IN BID	10% BID BOND	SIGNED PROPOSAL	DATE & TIME BID RECEIVED	PRE-QUAL	RES. BIDDER STATEMENT
#1 COFFMAN EXCAVATION	YES	NO	YES	YES	6/18 1:46PM	YES	YES
#2 CLEARWATER CONST. CO.	YES	YES	YES	YES	6/18 1:35PM	YES	YES
#3 GELCO	YES	NO	YES	YES	6/18 1:50PM	YES	YES
#4 G.V.S. CONTRACTING	YES	YES	YES	YES	6/18 1:51PM	YES	YES
#5 BERNING CONST. CO.	YES	NO	YES	YES	6/18 1:15PM	YES	YES
#6 C & M CONST. CO.	YES	YES	YES	YES	6/18 1:55PM	YES	YES
#7 WILDISH STANDAR PAV.	YES	YES	YES	YES	6/18 1:42PM	YES	YES
#8 N.W. EARTHMOVERS	YES	YES	YES	YES	6/18 1:42PM	YES	YES
#9 MOCON	YES	NO	YES	YES	6/18 1:45PM	YES	YES
#10 BRUNDIDGE CONST. CO.	YES	YES	YES	YES	6/18 1:44PM	YES	YES
#11 VALLEY PACIFIC	YES	YES	YES	YES	6/18 1:40PM	YES	YES

BID CALC SHEET FOR TCLE

EXHIBIT B

	COMPANY			COMPANY			COMPANY			COMPANY			COMPANY		
	COFFMAN EXCAVATION	CLEARWATER CONSTRUCTION	GELCO CONSTRUCTION	G.V.S.	BERNING CONSTRUCTION	C & M CONSTRUCTION	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL
STREETWORK															
#1 Clearing, Grubbing			0.00												
#2 Rough Grading and Excavation	13,300	3.50	45,000.00			75,000.00			25,000.00			62,000.00			140,000.00
#3 Subgrade Preparation	12,627	0.60	7,576.20	13,300	4.30	57,190.00	13,300	5.00	66,500.00	13,300	6.67	88,711.00	13,300	5.00	66,500.00
#4 5' of Class "C" A.C. Pavement	1,931	10.00	19,310.00	1,931	10.00	19,310.00	1,931	11.00	21,241.00	1,931	9.11	17,591.41	1,931	13.00	25,103.00
#5 3' of Class "C" A.C. Pavement	2,591	10.00	25,910.00	2,591	9.00	23,319.00	2,591	8.55	22,152.05	2,591	9.20	23,820.00	2,591	9.00	23,319.00
#6 2' of Class "C" A.C. Pavement	567	7.00	3,969.00	567	7.50	4,252.50	567	6.55	3,713.05	567	6.89	3,906.83	567	5.00	2,835.00
#7 6" of 3/4"-0 Top Rock	10,101	3.00	30,303.00	10,101	3.50	35,353.50	10,101	3.75	37,878.75	10,101	4.46	45,050.46	10,101	3.50	35,353.50
#8 2" of 3/4"-0 Top Rock	2,757	2.00	5,514.00	2,757	1.75	4,824.75	2,757	1.75	4,824.75	2,757	4.50	12,406.50	2,757	2.00	5,514.00
#9 11" of 1 1/2"-0 Base Rock	2,062	5.50	11,341.00	2,062	5.60	11,547.20	2,062	5.85	12,062.70	2,062	4.48	9,198.52	2,062	7.00	14,434.00
#10 8" of 1 1/2"-0 Base Rock	856	4.00	3,424.00	856	4.40	3,766.40	856	4.75	4,066.00	856	4.48	3,817.76	856	4.00	3,424.00
#11 SWCT & RMVE pvmnt, cncrte curb & sidewalk	2,255	3.00	6,765.00	2,255	1.80	3,608.00	2,255	3.50	7,892.50	2,255	2.40	5,412.00	2,255	2.00	4,510.00
#12 Imported Subgrade Stabilization Rock	850	24.00	20,400.00	850	12.00	10,200.00	850	25.00	21,250.00	850	16.00	13,600.00	850	8.00	6,800.00
#13 Thermoplastic pvmnt Markers & paint stripe			5,000.00			4,000.00			7,000.00			7,000.00			7,900.00
#14 Traffic Signs	30	110.00	3,300.00	30	110.00	3,300.00	30	120.00	3,600.00	30	170.00	5,100.00	30	110.00	3,300.00
#15 Traffic Delineators	5	25.00	125.00	5	24.00	120.00	5	25.00	125.00	5	60.00	300.00	5	25.00	125.00
#16 Driveway Reconstruction			750.00			1,000.00			3,500.00			1,200.00			1,500.00
#17 Landscaping and Irr. System Restoration			5,500.00			5,500.00			3,000.00			8,500.00			1,400.00
#18 Type III Barricade	56	25.00	1,400.00	56	28.00	1,568.00	56	30.00	1,680.00	56	13.40	750.40	56	20.00	1,120.00
#19 Relocate Library Sign, Park Sign & Ill. Lights			1,600.00			2,500.00			2,000.00			1,700.00			2,000.00
#20 Remove Exist Gate			510.00			300.00			500.00			150.00			400.00
#21 Install New 22' Gate			2,500.00			1,500.00			2,400.00			863.65			700.00
TOTAL STREET WORK			224,427.20			258,410.25			244,286.90			292,398.08			349,944.50
CONCRETEWORK															
#1 7 1/2" concrete pavement	9,076	16.00	145,216.00	9,076	16.50	149,754.00	9,076	14.25	129,333.00	9,076	14.70	133,417.20	9,076	15.50	140,678.00
#2 Curb and Gutter	5,330	6.50	34,645.00	5,330	5.75	30,647.50	5,330	5.30	28,249.50	5,330	5.55	29,581.50	5,330	6.50	34,645.00
#3 Extruded Curb	46	7.00	322.00	46	5.00	230.00	46	6.00	276.00	46	6.00	276.00	46	10.00	460.00
#4 Concrte sidewalk and driveways	2,918	17.00	49,606.00	2,918	15.25	44,499.50	2,918	11.60	33,848.80	2,918	16.00	46,888.00	2,918	13.50	39,393.00
TOTAL CONCRETEWORK			229,789.00			225,131.00			191,706.80			209,982.70			215,176.00
SANITARY SEWER															
#1 Const. standrd M.H. over existing 10" main	1	1,500.00	1,500.00	1	1,500.00	1,500.00	1	2,300.00	2,300.00	1	2,000.00	2,000.00	1	1,500.00	1,500.00
#2 Standard Manhole w/locking lid	4	2,000.00	8,000.00	4	1,800.00	7,200.00	4	2,400.00	9,600.00	4	1,800.00	7,200.00	4	2,200.00	8,800.00
#3 Standard Manhole	12	1,600.00	19,200.00	12	1,500.00	18,000.00	12	3,000.00	36,000.00	12	2,000.00	24,000.00	12	2,000.00	24,000.00
#4 Const. Standard "B" cleanout over Exist. 4" lat.	1	250.00	250.00	1	450.00	450.00	1	900.00	900.00	1	400.00	400.00	1	500.00	500.00
#5 Standard 6" cleanout	1	200.00	200.00	1	450.00	450.00	1	750.00	750.00	1	400.00	400.00	1	500.00	500.00
#6 15" Sanitary Main (Imported backfill)	907	60.00	54,420.00	907	65.00	59,105.00	907	60.00	54,420.00	907	53.00	48,071.00	907	68.00	61,676.00
#7 8" Sanitary Main (Imported backfill)	907	40.00	36,280.00	907	36.00	32,652.00	907	36.00	32,652.00	907	33.00	29,931.00	907	27.00	24,489.00
#8 6" Sanitary Main (Native Backfill)	1,090	25.00	27,250.00	1,090	21.00	22,890.00	1,090	12.00	13,080.00	1,090	28.00	30,520.00	1,090	14.00	15,260.00
#9 6" Sanitary Main (Imported Backfill)	125	28.00	3,500.00	125	25.00	3,125.00	125	24.00	3,000.00	125	22.00	2,750.00	125	30.00	3,750.00
#10 6" Sanitary Main (Native Backfill)	30	24.00	720.00	30	13.00	390.00	30	11.00	330.00	30	18.00	540.00	30	20.00	600.00
#11 12" Pressure Sanitary Main	613	23.00	14,099.00	613	30.00	18,390.00	613	25.00	15,325.00	613	26.00	15,938.00	613	37.00	22,681.00
#12 Pressure Sanitary Main (Native backfill)	504	18.00	9,072.00	504	24.00	12,096.00	504	18.00	9,072.00	504	20.00	10,080.00	504	26.00	13,104.00
#13 8" Pressure Sanitary Main (Imp. backfill)	97	28.00	2,716.00	97	36.00	3,492.00	97	20.00	1,940.00	97	20.00	1,940.00	97	35.00	3,393.00
#14 Break,Enter&Connect Prop. 15"san. to ex. M.H.	1	600.00	600.00	1	550.00	550.00	1	1,000.00	1,000.00	1	800.00	800.00	1	400.00	400.00
#15 Connect to Exist 8" Pressure Sanitary Main	1	900.00	900.00	1	350.00	350.00	1	1,500.00	1,500.00	1	1,000.00	1,000.00	1	450.00	450.00
#16 Concrete Anchor Wall	1	300.00	300.00	1	500.00	500.00	1	200.00	200.00	1	200.00	200.00	1	300.00	300.00
#17 Pavement Removal and Replacement	418	35.00	14,630.00	418	28.00	11,704.00	418	25.00	10,450.00	418	36.00	15,048.00	418	32.00	13,376.00
#18 Remove Exist. Pump, valve & Septic Tank			2,000.00			2,000.00			3,500.00			1,000.00			1,000.00
#19 Remove Exist. Air Release Valve			150.00			500.00			500.00			500.00			500.00
#20 Extra Depth Bedding (if necessary)	150		1,500.00	150	12.00	1,800.00	150	30.00	4,500.00	150	15.00	2,250.00	150	10.00	1,500.00
#21 Trench Rock Excavation	500		500.00	500	50.00	25,000.00	500		500.00	500	80.00	40,000.00	500		500.00
TOTAL SANITARY SEWER			197,917.00			249,204.00			201,019.00			234,560.00			108,177.00
STORM SEWER															
#1 Standard Manhole w/locking lid	5	1,500.00	7,500.00	5	1,250.00	6,250.00	5	2,000.00	10,000.00	5	1,700.00	8,500.00	5	1,600.00	8,000.00
#2 Standard Manhole	9	1,500.00	13,500.00	9	1,200.00	10,800.00	9	2,300.00	20,700.00	9	1,600.00	14,400.00	9	1,500.00	13,500.00
#3 Concrete Inlets (0-1)	10	850.00	8,500.00	10	750.00	7,500.00	10	720.00	7,200.00	10	800.00	8,000.00	10	800.00	8,000.00

SHADED AREAS REPRESENT MISSING BID ITEM, MATHEMATICAL ERROR, OR DIFFERENT TOTAL THAN C.D

BID CALC SHEET FOR TCLE

#4 Catch Basin	1	800.00	800.00	1	650.00	650.00	1	675.00	675.00	1	750.00	750.00	1	865.00	865.00	1	700.00	700.00
#5 Field Inlet	2	900.00	1,800.00	2	800.00	1,600.00	2	875.00	1,750.00	2	1,200.00	2,400.00	2	700.00	1,400.00	2	775.00	1,550.00
#6 6" Cleanout	3	250.00	750.00	3	350.00	1,050.00	3	300.00	900.00	3	400.00	1,200.00	3	500.00	1,500.00	3	450.00	1,350.00
#7 24" Storm Main (Imported backfill)	5	55.00	2,970.00	5	40.00	2,160.00	5	60.00	3,240.00	5	95.00	4,775.00	5	45.00	2,250.00	5	38.16	1,908.00
#8 24" Storm Main (native backfill)	260	35.00	9,100.00	260	31.00	8,060.00	260	35.00	9,100.00	260	25.00	6,500.00	260	25.00	6,500.00	260	31.33	8,145.80
#9 21" Storm Main	269	33.00	8,977.00	269	34.00	9,146.00	269	45.00	12,105.00	269	30.00	8,070.00	269	17.00	4,573.00	269	36.46	9,807.74
#10 18" Storm Main (Imported backfill)	30	40.00	1,200.00	30	31.00	930.00	30	55.00	1,650.00	30	29.00	870.00	30	40.00	1,200.00	30	35.21	1,056.30
#11 18" Storm Main (native backfill)	50	30.00	1,500.00	50	24.00	1,200.00	50	30.00	1,500.00	50	23.00	1,150.00	50	25.00	1,250.00	50	26.32	1,316.00
#12 15" Storm Main (Imported backfill)	1,253	34.00	42,602.00	1,253	27.00	33,831.00	1,253	43.00	53,879.00	1,253	30.00	37,590.00	1,253	33.00	41,349.00	1,253	33.61	42,113.99
#13 15" Storm Main (native backfill)	120	24.00	2,880.00	120	22.00	2,640.00	120	25.00	3,000.00	120	20.00	2,400.00	120	19.00	2,280.00	120	24.72	2,966.40
#14 12" Storm Main and Laterals (Imp. backfill)	405	34.00	13,770.00	405	24.00	9,720.00	405	35.00	14,175.00	405	20.00	8,100.00	405	35.00	14,175.00	405	28.33	11,473.65
#15 12" Storm Main and Laterals (nat. backfill)	191	24.00	4,584.00	191	20.00	3,820.00	191	17.00	3,247.00	191	18.00	3,438.00	191	20.00	3,820.00	191	23.27	4,444.57
#16 10" Storm Main (Imported backfill)	34	33.00	1,122.00	34	17.00	578.00	34	24.00	816.00	34	20.00	680.00	34	30.00	1,020.00	34	28.33	963.22
#17 10" Storm Main (native backfill)	50	20.00	1,000.00	50	15.00	750.00	50	14.00	700.00	50	18.00	900.00	50	20.00	1,000.00	50	23.27	1,163.50
#18 8" Storm Main	5	40.00	200.00	5	13.00	65.00	5	22.00	110.00	5	20.00	100.00	5	50.00	250.00	5	27.00	135.00
#19 8" Storm Main	10	28.00	280.00	10	12.00	120.00	10	10.00	100.00	10	20.00	200.00	10	50.00	500.00	10	25.00	250.00
#20 6" French Drain	1,984	9.00	17,856.00	1,984	10.00	19,840.00	1,984	12.00	23,808.00	1,984	16.00	31,744.00	1,984	4.00	7,936.00	1,984	9.00	17,856.00
#21 Reset ex. storm M.H. rim	3	250.00	750.00	3	400.00	1,200.00	3	250.00	750.00	3	600.00	1,800.00	3	200.00	600.00	3	200.00	600.00
#22 Rock Riprap			750.00			1,000.00			200.00			400.00			800.00			1,500.00
#23 Swale Inflow spreader	1	550.00	550.00	1	200.00	200.00	1	500.00	500.00	1	300.00	300.00	1	800.00	800.00	1	300.00	300.00
#24 Concrete anchor Wall	1	300.00	300.00	1	500.00	500.00	1	200.00	200.00	1	200.00	200.00	1	700.00	700.00	1	250.00	250.00
#25 Pavement Removal and Replacement	25	30.00	750.00	25	28.00	700.00	25	25.00	625.00	25	36.00	900.00	25	40.00	1,000.00	25	15.00	375.00
#26 Break, Ent. & Crct 12" Storm to Ex. 48" main	4	500.00	2,000.00	4	400.00	1,600.00	4	750.00	3,000.00	4	500.00	2,000.00	4	500.00	2,000.00	4	400.00	1,600.00
#27 Remove field inlet & regrade ditch			400.00			300.00			450.00			400.00			800.00			250.00
#28 Extra depth bedding (if necessary)	150	10.00	1,500.00	150	12.00	1,800.00	150	30.00	4,500.00	150	15.00	2,250.00	150	10.00	1,500.00	150	15.00	2,250.00
TOTAL STORM SEWER			147,791.00			128,010.00			178,880.00			147,132.00			130,198.00			141,577.15
WATER SYSTEM																		
#1 8" D.I.P. water main	82	30.00	2,460.00	82	22.00	1,804.00	82	25.00	2,050.00	82	21.00	1,722.00	82	21.00	1,722.00	82	21.61	1,772.02
#2 12" D.I.P. Water main	2,613	31.00	81,003.00	2,613	27.50	71,857.50	2,613	38.50	95,374.50	2,613	28.00	73,164.00	2,613	26.00	67,938.00	2,613	27.20	71,282.64
#3 Gate Valve	5	500.00	2,500.00	5	525.00	2,625.00	5	400.00	2,000.00	5	500.00	2,500.00	5	500.00	2,500.00	5	490.00	2,450.00
#4 12" Butterfly Valve	9	800.00	7,200.00	9	900.00	8,100.00	9	1,000.00	9,000.00	9	800.00	7,200.00	9	850.00	7,650.00	9	830.00	7,470.00
#5 Fire Hydrant	5	1,900.00	9,500.00	5	1,800.00	9,000.00	5	2,500.00	12,500.00	5	1,600.00	8,000.00	5	1,800.00	9,000.00	5	1,825.00	9,125.00
#6 Relocate existing fire hydrant	1	900.00	900.00	1	450.00	450.00	1	1,500.00	1,500.00	1	800.00	800.00	1	900.00	900.00	1	775.00	775.00
#7 Reset existing water valve box to finished grad	4	60.00	240.00	4	50.00	200.00	4	150.00	600.00	4	50.00	200.00	4	200.00	800.00	4	75.00	300.00
#8 Reset existing water meter and box	4	60.00	240.00	4	50.00	200.00	4	150.00	600.00	4	100.00	400.00	4	200.00	800.00	4	175.00	700.00
#9 Cut in and Connect to exist. 12" D.I.P.	1	1,000.00	1,000.00	1	450.00	450.00	1	1,000.00	1,000.00	1	1,500.00	1,500.00	1	300.00	300.00	1	700.00	700.00
#10 Connect to Exist. 8" D.I.P.	1	750.00	750.00	1	400.00	400.00	1	1,000.00	1,000.00	1	600.00	600.00	1	200.00	200.00	1	500.00	500.00
#11 Extra Depth Bedding (if necessary)	150	14.00	2,100.00	150	12.00	1,800.00	150	30.00	4,500.00	150	15.00	2,250.00	150	10.00	1,500.00	150	16.00	2,400.00
TOTAL WATER SYSTEM			107,893.00			98,886.50			130,124.50			99,336.00			93,310.00			97,474.69
EROSION CONTROL MEASURES																		
#1 Temporary Silt Fence	3,910	0.80	3,128.00	3,910	1.10	4,301.00	3,910	1.00	3,910.00	3,910	1.50	5,865.00	3,910	1.50	5,865.00	3,910	1.50	5,865.00
#2 Temporary Inlet protection	13	30.00	390.00	13	50.00	650.00	13	100.00	1,300.00	13	50.00	650.00	13	200.00	2,600.00	13	50.00	650.00
TOTAL EROSION CONTROL MEASURES			3,518.00			4,951.00			5,210.00			6,515.00			8,465.00			6,515.00
STREET LIGHTING AND POWER																		
#1 Trenching for Conduit	3,394	3.00	10,182.00	3,394	3.70	12,557.00	3,394	3.00	10,182.00	3,394	2.75	9,333.50	3,394	4.00	13,576.00	3,394	2.00	6,788.00
#2 2" Dia. P.V.C. Conduit	3,604	1.50	5,406.00	3,604	1.00	3,604.00	3,604	2.00	7,208.00	3,604	1.65	5,946.00	3,604	2.00	7,208.00	3,604	1.50	5,406.00
#3 4" Dia. P.V.C. Conduit	1,106	2.50	2,765.00	1,106	2.00	2,212.00	1,106	4.00	4,424.00	1,106	3.25	3,594.50	1,106	3.00	3,318.00	1,106	2.50	2,765.00
#4 Conduit Boxes	18	150.00	2,700.00	18	250.00	4,500.00	18	300.00	5,400.00	18	275.00	4,950.00	18	130.00	2,340.00	18	120.00	2,160.00
#5 600 LA Vault	2	2,200.00	4,400.00	2	1,700.00	3,400.00	2	1,900.00	3,800.00	2	2,000.00	4,000.00	2	1,700.00	3,400.00	2	1,600.00	3,200.00
#6 Remove Exist. Street Light			600.00			600.00			600.00			600.00			600.00			300.00
#7 Relocate Exist. Street Light			1,200.00			1,600.00			1,500.00			1,700.00			700.00			1,000.00
TOTAL STREET LIGHTING			27,253.00			27,773.00			33,914.00			30,324.00			30,742.00			21,019.00
TRAFFIC SIGNAL																		
#1 Traffic Signal			125,030.00			114,000.00			125,000.00			112,000.00			106,030.00			112,000.00
TOTAL TRAFFIC SIGNAL			125,030.00			114,000.00			125,000.00			112,000.00			106,030.00			112,000.00
TOTAL CONSTRUCTION			1,063,489.20			1,104,368.55			1,109,541.20			1,131,234.38			1,132,012.50			1,132,597.91

SHADED AREAS REPRESENT MISSING BID ITEM, MATHEMATICAL ERROR, OR DIFFERENT TOTAL THAN CD

TCLE WKST #2

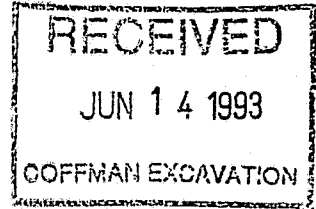
COMPANY COMPANY COMPANY COMPANY COMPANY

	WILDISH STANDARD PAVING			NORTH-WEST EARTHMOVERS			MOCON CONSTRUCTION CO.			BRUNDIDGE CONSTRUCTION			VALLEY PACIFIC CONSTRUCTION		
	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL	QUANTITY	UNIT PRICE	TOTAL
STREETWORK															
#1 Clearing, Grubbing			39,000.00			120,000.00			77,000.00			90,000.00			82,550.00
#2 Rough Grading and Excavation	13,300	6.00	108,400.00	13,300	3.01	40,033.00	13,300	7.00	93,100.00	13,300	10.16	135,128.00	13,300	4.21	55,999.00
#3 Subgrade Preparation	12,627	2.00	25,254.00	12,627	1.88	23,738.76	12,627	1.00	12,627.00	12,627	1.23	15,531.21	12,627	0.81	7,702.47
#4 5" of Class "C" A.C. Pavement	1,931	13.00	25,103.00	1,931	12.54	24,214.74	1,931	13.00	25,103.00	1,931	10.86	20,970.66	1,931	9.45	18,247.95
#5 3" of Class "C" A.C. Pavement	259	8.00	2,072.00	259	7.54	1,952.86	259	6.00	1,554.00	259	7.75	2,007.25	259	9.85	2,499.35
#6 2" of Class "C" A.C. Pavement	567	6.00	3,402.00	567	5.03	2,852.01	567	5.00	2,835.00	567	6.20	3,515.40	567	7.25	4,110.75
#7 6" of 3/4"-0 Top Rock	10,101	5.00	50,505.00	10,101	3.06	30,909.06	10,101	4.00	40,404.00	10,101	3.67	37,070.67	10,101	3.30	33,333.30
#8 2" of 3/4"-0 Top Rock	2,757	3.00	8,271.00	2,757	1.77	4,879.89	2,757	2.00	5,514.00	2,757	1.30	3,584.10	2,757	3.30	9,098.10
#9 11" of 1 1/2"-0 Base Rock	2,062	8.00	16,496.00	2,062	4.99	10,299.38	2,062	8.00	16,496.00	2,062	5.90	10,928.60	2,062	3.95	8,144.80
#10 8" of 1 1/2"-0 Base Rock	856	6.00	5,136.00	856	3.64	3,115.84	856	6.00	5,136.00	856	4.82	4,125.92	856	3.95	3,381.20
#11 SWCT & RMVE pvmnt, concrte curb & sidewalk	2,255	4.00	9,020.00	2,255	1.51	3,405.05	2,255	4.00	9,020.00	2,255	1.30	2,931.50	2,255	2.25	5,073.75
#12 Imported Subgrade Stabilization Rock	850	10.00	8,500.00	850	1.00	850.00	850	15.00	12,750.00	850	17.00	14,450.00	850	12.45	10,582.50
#13 Thermoplastic pvmnt Markers & paint stripes			6,000.00			6,594.50			16,000.00			6,000.00			6,595.00
#14 Traffic Signs	30	100.00	3,000.00	30	112.60	3,378.00	30	110.00	3,300.00	30	106.00	3,180.00	30	113.25	3,397.50
#15 Traffic Delineators	5	22.00	110.00	5	24.20	121.00	5	22.00	110.00	5	23.00	115.00	5	24.20	121.00
#16 Driveway Reconstruction			1,000.00			2,400.00			13,000.00			500.00			370.00
#17 Landscaping and Irr. System Restoration			8,000.00			18,613.10			8,000.00			4,653.00			28,245.00
#18 Type III Barricade	56	20.00	1,120.00	56	21.60	1,209.60	56	10.00	560.00	56	13.00	728.00	56	34.00	1,904.00
#19 Relocate Library Sign, Park Sign & Ill. Lights			1,000.00			1,200.00			3,500.00			1,034.00			1,650.00
#20 Remove Exist Gate			500.00			609.60			500.00			220.00			115.00
#21 Install New 22' Gate			2,500.00			2,958.00			8,000.00			1,365.00			1,367.00
TOTAL STREET WORK-			322,389.00			303,324.39			354,509.00			358,638.31			284,481.77
CONCRETEWORK															
#1 7 1/2" concrete pavement	9,076	29.00	263,204.00	9,076	18.93	171,658.88	9,076	22.00	199,672.00	9,076	14.75	133,871.00	9,076	18.85	171,115.40
#2 Curb and Gutter	5,330	8.00	42,640.00	5,330	5.50	29,315.00	5,330	8.00	42,640.00	5,330	5.48	29,208.40	5,330	5.50	29,315.00
#3 Extruded Curb	46	20.00	920.00	46	5.50	253.00	46	4.50	207.00	46	10.00	460.00	46		460.00
#4 Concrete sidewalk and driveways	2,918	14.00	40,852.00	2,918	16.90	49,314.20	2,918	18.00	52,524.00	2,918	15.73	45,900.14	2,918	17.55	51,210.90
TOTAL CONCRETEWORK-			347,616.00			232,538.88			284,383.00			209,439.54			231,641.30
SANITARY SEWER															
#1 Const. standrd M.H. over existing 10' man			2,500.00			2,100.00			2,500.00			3,422.00			2,208.00
#2 Standard Manhole w/locking lid	4	2,500.00	10,000.00	4	2,730.00	10,920.00	4	2,700.00	10,800.00	4	3,298.00	13,192.00	4	2,407.00	9,628.00
#3 Standard Manhole	12	2,500.00	30,000.00	12	2,244.00	26,928.00	12	2,600.00	31,200.00	12	3,031.00	36,372.00	12	2,307.00	27,684.00
#4 Const. Standard 8' cleanout over Exist. 4" lat.			250.00			420.00			500.00			50.00			250.00
#5 Standard 6' cleanout			200.00			420.00			500.00			100.00			155.00
#6 15' Sanitary Main (imported backfill)	907	50.00	45,350.00	907	56.70	51,426.90	907	55.00	49,885.00	907	110.00	99,770.00	907	49.98	45,313.72
#7 8' Sanitary Main (imported backfill)	907	30.00	27,210.00	907	25.82	23,416.74	907	31.00	28,117.00	907	69.00	62,583.00	907	30.28	27,445.82
#8 8' Sanitary Main (Native Backfill)	1,090	15.00	16,350.00	1,090	21.47	23,402.30	1,090	31.00	33,790.00	1,090	44.83	48,640.70	1,090	14.60	15,979.40
#9 6' Sanitary Main (Imported Backfill)	125	20.00	2,500.00	125	39.51	4,938.75	125	30.00	3,750.00	125	28.54	3,567.50	125	18.67	2,083.75
#10 6' Sanitary Main (Native Backfill)	30	15.00	450.00	30	33.94	1,018.20	30	25.00	750.00	30	26.00	780.00	30	13.05	391.50
#11 12' Pressure Sanitary Main	613	30.00	18,390.00	613	19.97	12,241.61	613	35.00	21,455.00	613	22.00	13,486.00	613	30.00	18,080.40
#12 Pressure Sanitary Main (Native backfill)	504	30.00	15,120.00	504	24.12	12,150.48	504	30.00	15,120.00	504	18.00	9,072.00	504	26.15	13,179.60
#13 8' Pressure Sanitary Main (imp. backfill)	97	30.00	2,910.00	97	21.60	2,095.20	97	28.00	2,716.00	97	23.00	2,231.00	97	28.10	2,725.70
#14 Break, Enter & Connect Prop. 15" san. to ex. M.H.			1,800.00			540.00			2,000.00			6,520.00			1,775.00
#15 Connect to Exist 8' Pressure Sanitary Main			600.00			300.00			1,000.00			580.00			557.00
#16 Concrete Anchor Wall			600.00			600.00			700.00			2,443.00			560.00
#17 Pavement Removal and Replacement	418	25.00	10,450.00	418	24.00	10,032.00	418	20.00	8,360.00	418	100.00	41,800.00	418	12.00	5,016.00
#18 Remove Exist. Pump, valve & Septic Tank			1,000.00			2,400.00			6,000.00			2,783.00			1,903.00
#19 Remove Exist. Air Release Valve			100.00			1,200.00			1,500.00			340.00			655.00
#20 Extra Depth Bedding (if necessary)	150	16.00	2,400.00	150	12.00	1,800.00	150	12.00	1,800.00	150	20.00	3,000.00	150	14.00	2,100.00
#21 Trench Rock Excavation	500	100.00	50,000.00	500	1.00	500.00	500	0.00	0.00	500	50.00	25,000.00	500	195.00	97,500.00
TOTAL SANITARY SEWER-			230,183.00			100,038.10			222,443.00			375,408.20			276,459.19
STORM SEWER															
#1 Standard Manhole w/locking lid	5	2,000.00	10,000.00	5	1,440.00	7,200.00	5	2,000.00	10,000.00	5	3,462.00	17,310.00	5	1,926.00	9,630.00
#2 Standard Manhole	9	2,000.00	18,000.00	9	1,680.00	15,120.00	9	2,500.00	22,500.00	9	3,245.00	29,205.00	9	1,826.00	16,254.00
#3 Concrete Inlets (G-1)	10	700.00	7,000.00	10	764.00	7,640.00	10	700.00	7,000.00	10	700.00	7,000.00	10	1,030.00	10,300.00
#4 Catch Basin	1	700.00	700.00	1	600.00	600.00	1	650.00	650.00	1	705.00	705.00	1	1,030.00	1,030.00
#5 Field Inlet	2	700.00	1,400.00	2	803.00	1,606.00	2	650.00	1,300.00	2	909.00	1,818.00	2	803.00	1,606.00

EXHIBIT B

TCLE WKST #2															
#6 6" Cleanout	3	200.00	600.00	3	420.00	1,260.00	3	500.00	1,500.00	3	100.00	300.00	3	146.70	440.10
#7 24" Storm Main (Imported backfill)	54	55.00	2,970.00	54	48.00	2,592.00	54	40.00	2,160.00	54	58.00	3,132.00	54	52.80	2,851.20
#8 24" Storm Main (native backfill)	269	35.00	9,405.00	269	41.11	10,888.80	269	32.00	8,608.00	269	41.00	10,860.00	269	35.30	9,478.00
#9 21" Storm Main	269	40.00	10,760.00	269	37.44	10,071.36	269	31.00	8,339.00	269	47.00	12,643.00	269	39.22	10,550.18
#10 18" Storm Main (Imported backfill)	30	50.00	1,500.00	30	38.00	1,080.00	30	35.00	1,050.00	30	42.00	1,260.00	30	48.05	1,441.50
#11 18" Storm Main (native backfill)	50	35.00	1,750.00	50	31.54	1,577.00	50	32.00	1,600.00	50	34.00	1,700.00	50	35.30	1,765.00
#12 15" Storm Main (Imported backfill)	1,253	30.00	37,590.00	1,253	35.63	44,644.39	1,253	35.00	43,855.00	1,253	42.00	52,626.00	1,253	28.20	35,334.60
#13 15" Storm Main (native backfill)	120	20.00	2,400.00	120	31.08	3,729.60	120	32.00	3,840.00	120	34.00	4,080.00	120	20.55	2,466.00
#14 12" Storm Main and Laterals (imp. backfill)	405	30.00	12,150.00	405	31.56	12,781.80	405	33.00	13,365.00	405	39.00	15,795.00	405	27.83	11,190.15
#15 12" Storm Main and Laterals (nat. backfill)	191	25.00	4,775.00	191	26.50	5,061.50	191	29.00	5,539.00	191	30.00	5,730.00	191	22.45	4,287.95
#16 10" Storm Main (Imported backfill)	34	30.00	1,020.00	34	30.36	1,032.24	34	27.00	918.00	34	35.00	1,190.00	34	30.18	1,028.12
#17 10" Storm Main (native backfill)	50	20.00	1,000.00	50	24.40	1,220.00	50	22.00	1,100.00	50	23.00	1,150.00	50	19.99	999.50
#18 8" Storm Main	5	17.00	85.00	5	14.40	72.00	5	20.00	100.00	5	25.00	125.00	5	17.00	85.00
#19 6" Storm Main	10	15.00	150.00	10	12.00	120.00	10	20.00	200.00	10	25.00	250.00	10	14.50	145.00
#20 6" French Drain	1,984	7.00	13,888.00	1,984	9.60	19,046.40	1,984	14.00	27,776.00	1,984	8.65	17,181.60	1,984	8.90	13,689.60
#21 Reset ex. storm M.H. rim	3	300.00	900.00	3	960.00	2,880.00	3	400.00	1,200.00	3	100.00	300.00	3	340.00	1,020.00
#22 Rock Riprap			200.00			760.00			2,000.00			1,461.00			675.00
#23 Swale inlow spreader	1	200.00	200.00	1	300.00	300.00	1	500.00	500.00	1	200.00	200.00	1	205.00	205.00
#24 Concrete anchor Wall	1	600.00	600.00	1	600.00	600.00	1	500.00	500.00	1	2,443.00	2,443.00	1	580.00	580.00
#25 Pavement Removal and Replacement	25	50.00	1,250.00	25	24.00	600.00	25	20.00	500.00	25	50.00	1,250.00	25	12.60	315.00
#26 Break, Ent. & Cnct 12" Storm to Ex. 48" main	4	1,000.00	4,000.00	4	600.00	2,400.00	4	500.00	2,000.00	4	1,000.00	4,000.00	4	750.00	3,000.00
#27 Remove field inlet & regrade ditch			300.00			800.00			4,000.00			300.00			960.00
#28 Extra depth bedding (if necessary)	150	15.00	2,250.00	150	12.00	1,800.00	150	12.00	1,800.00	150	17.00	2,550.00	150	14.85	2,227.50
TOTAL STORM SEWER			146,538.00			157,147.89			176,112.00			199,426.60			142,532.40
WATER SYSTEM			0.00			0.00			0.00			0.00			0.00
#1 8" D.I.P. water main	82	35.00	2,870.00	82	23.96	1,964.72	82	33.00	2,706.00	82	27.00	2,214.00	82	32.25	2,644.50
#2 12" D.I.P. Water main	2,613	35.00	91,455.00	2,613	30.30	78,173.90	2,613	35.00	91,455.00	2,613	30.30	79,173.90	2,613	33.21	86,777.73
#3 Gate Valve	5	700.00	3,500.00	5	600.00	3,000.00	5	800.00	4,000.00	5	418.00	2,090.00	5	842.00	4,210.00
#4 12" Butterfly Valve	9	1,500.00	13,500.00	9	1,020.00	9,180.00	9	1,200.00	10,800.00	9	786.00	6,894.00	9	1,188.00	10,547.00
#5 Fire Hydrant	5	2,000.00	10,000.00	5	2,498.26	12,491.30	5	2,000.00	10,000.00	5	1,752.00	8,760.00	5	2,056.00	10,280.00
#6 Relocate existing fire hydrant	1	1,000.00	1,000.00	1	980.00	980.00	1	600.00	600.00	1	1,200.00	1,200.00	1	773.00	773.00
#7 Reset existing water valve box to finished grade	4	100.00	400.00	4	120.00	480.00	4	75.00	300.00	4	80.00	320.00	4	50.00	200.00
#8 Reset existing water meter and box	4	600.00	2,400.00	4	980.00	3,940.00	4	250.00	1,000.00	4	400.00	1,600.00	4	527.00	2,108.00
#9 Cut in and Connect to exist. 12" D.I.P.	1	2,500.00	2,500.00	1	1,200.00	1,200.00	1	1,000.00	1,000.00	1	568.00	568.00	1	2,108.00	2,108.00
#10 Connect to Exist, 8" D.I.P.	1	200.00	200.00	1	480.00	480.00	1	1,000.00	1,000.00	1	530.00	530.00	1	170.00	170.00
#11 Extra Depth Bedding (if necessary)	150	15.00	2,250.00	150	12.00	1,800.00	150	15.00	2,250.00	150	14.00	2,100.00	150	14.85	2,227.50
TOTAL WATER SYSTEM			130,075.00			114,569.92			125,111.00			105,449.90			121,145.73
EROSION CONTROL MEASURES			0.00			0.00			0.00			0.00			0.00
#1 Temporary Silt Fence	3,910	2.00	7,820.00	3,910	1.80	7,038.00	3,910	2.00	7,820.00	3,910	1.55	6,060.50	3,910	1.20	4,692.00
#2 Temporary Inlet protection	13	30.00	390.00	13	30.00	390.00	13	50.00	650.00	13	82.00	1,066.00	13	38.50	500.50
TOTAL EROSION CONTROL MEASURES			8,210.00			7,428.00			8,470.00			7,126.50			5,192.50
STREET LIGHTING AND POWER			0.00			0.00			0.00			0.00			0.00
#1 Trenching for Conduit	3,394	3.00	10,182.00	3,394	2.99	9,944.42	3,394	4.00	13,576.00	3,394	3.35	11,369.00	3,394	2.75	9,333.50
#2 2" Dia. P.V.C. Conduit	3,604	2.00	7,208.00	3,604	1.25	4,505.00	3,604	2.00	7,208.00	3,604	1.00	3,604.00	3,604	1.85	5,948.80
#3 4" Dia. P.V.C. Conduit	1,106	3.00	3,318.00	1,106	4.31	4,766.86	1,106	4.00	4,424.00	1,106	1.50	1,659.00	1,106	2.35	2,599.10
#4 Carson Boxes	18	250.00	4,500.00	18	187.20	3,009.60	18	130.00	2,340.00	18	200.00	3,600.00	18	132.00	2,376.00
#5 660 LA Vault	2	2,000.00	4,000.00	2	1,952.50	3,905.00	2	1,800.00	3,600.00	2	1,747.00	3,494.00	2	2,000.00	4,000.00
#6 Remove Exist. Street Light			1,000.00			1,088.80			200.00			775.00			550.00
#7 Relocate Exist. Street Light			2,650.00			1,733.00			11,000.00			2,585.00			1,100.00
TOTAL STREET LIGHTING			32,238.00			28,951.28			42,340.00			27,000.00			25,905.20
TRAFFIC SIGNAL			0.00			0.00			0.00			0.00			0.00
#1 Traffic Signal			110,000.00			117,240.00			130,000.00			110,214.00			127,968.00
TOTAL TRAFFIC SIGNAL			110,000.00			117,240.00			130,000.00			110,214.00			127,968.00
TOTAL CONSTRUCTION			1,335,216.00			1,150,067.84			1,343,378.00			1,391,869.95			1,215,326.09

**ADDENDUM TO PROJECT PLANS
AND SPECIFICATIONS NO. 1**



DATE: JUNE 10, 1993
TO: PLANHOLDERS
PROJECT: TOWN CENTER LOOP EAST EXTENSION
WILSONVILLE, OREGON
SUBJECT: TRENCH ROCK EXCAVATION AND P.V.C. PIPE

A.) PROPOSAL

1. ADD: Under Division 3 - Sanitary Sewer in the Proposal, Item #21, Trench Rock Excavation 500 C.Y.

B.) DIVISION 3

1. ADD: Under Division 3 - Sanitary Sewers and Storm Drains 301.1.01B Rock Excavation;

Rock excavation is defined as the removal of material which cannot, in the Engineer's judgment, be reasonably excavated with equipment comparable in terms of machine weight and rated horsepower to the units indicated as follows:

Hydraulic hoe excavator:

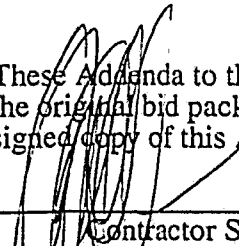
Minimum unit weight 82,000lb.
Net horsepower rating 130 to 140 HP

<u>Manufacturer</u>	<u>Model</u>
Caterpillar	235
Link Belt	LS 4800
Koehring	666

2. ADD: Under 303.2.06 Polyvinyl Chloride (PVC) Pipe;

C900 P.V.C. Pipe shall be class 150 pipe.

These Addenda to the Project Plans and Specifications shall be considered merged with the original bid package as if they were whole. All bids to be considered shall include a signed copy of this Addendum.

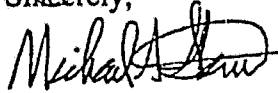


Contractor Signature

6/18/93

Date

Sincerely,



Michael A. Stone, P.E.
City Engineer

EXHIBIT D

PROPOSAL
TOWN CENTER LOOP EAST
WILSONVILLE, OREGON


ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
<u>STREETWORK</u>					
1.		L.S.	Clearing, Grubbing		\$ <u>45,000.00</u>
2.	13,300	C.Y.	Rough Grading and Excavation	\$ <u>3.50</u>	\$ <u>46,550.00</u>
3.	12,627	S.Y.	Subgrade Preparation	\$ <u>.60</u>	\$ <u>7,576.20</u>
4.	1,931	S.Y.	5" of Class "C" A.C. Pavement	\$ <u>10.00</u>	\$ <u>19,310.00</u>
5.	259	S.Y.	3" of Class "C" A.C. Pavement	\$ <u>10.00</u>	\$ <u>2,590.00</u>
6.	567	S.Y.	2" of Class "C" A.C. Pavement	\$ <u>7.00</u>	\$ <u>3,969.00</u>
7.	10,101	S.Y.	6" of 3/4"-0 Top Rock	\$ <u>3.00</u>	\$ <u>30,303.00</u>
8.	2,757	S.Y.	2" of 3/4"-0 Top Rock	\$ <u>2.00</u>	\$ <u>5,514.00</u>
9.	2,062	S.Y.	11" of 1 1/2"-0 Base Rock	\$ <u>5.50</u>	\$ <u>11,341.00</u>
10.	856	S.Y.	8" of 1 1/2"-0 Base Rock	\$ <u>4.00</u>	\$ <u>3,424.00</u>
11.	2,255	S.Y.	Sawcut & Remove Exist. A.C. Pavement, Concrete Curb and Concrete Sidewalk	\$ <u>3.00</u>	\$ <u>6,765.00</u>
12.	850	C.Y.	Imported Subgrade Stabilization Rock (if necessary)	\$ <u>24.00</u>	\$ <u>20,400.00</u>
13.		L.S.	Thermoplastic Pavement Markers and Paint Stripes	 <u>110.00</u>	\$ <u>6,000.00</u>
14.	30	EA.	Traffic Signs	\$ 6,000.00	\$ <u>3,300.00</u>
15.	5	EA.	Traffic Delineators	\$ <u>25.00</u>	\$ <u>125.00</u>
16.		L.S.	Driveway Reconstruction		\$ <u>750.00</u>
17.		L.S.	Landscaping and Irrigation System Restoration		\$ <u>5,500.00</u>

EXHIBIT D

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
<u>STREETWORK CONT'D.</u>					
18.	56	LF.	Type III Barricade	\$ <u>25.00</u>	\$ <u>1,400.00</u>
19.		L.S.	Relocate Library Sign, Park Sign and Illumination Lights		\$ <u>1,600.00</u>
20.		L.S.	Remove Exist. Gate		\$ <u>510.00</u>
21.		L.S.	Install New 22' Gate		\$ <u>2,500.00</u>
			TOTAL STREETWORK		\$ <u>224,427.20</u>
<u>CONCRETEWORK</u>					
1.	9,076	S.Y.	7 1/2" Concrete Pavement	\$ <u>16.00</u>	\$ <u>145,216.00</u>
2.	5,330	LF.	Curb and Gutter	\$ <u>6.50</u>	\$ <u>34,645.00</u>
3.	46	LF.	Extruded Curb	\$ <u>7.00</u>	\$ <u>322.00</u>
4.	2,918	S.Y.	Concrete Sidewalk and Driveways (incl. handicap ramps)	\$ <u>17.00</u>	\$ <u>49,606.00</u>
			TOTAL CONCRETEWORK		\$ <u>229,789.00</u>
<u>SANITARY SEWER</u>					
1.	1	EA.	Const. Standard Manhole Over Existing 10" Main	\$ <u>1,500.00</u>	\$ <u>1,500.00</u>
2.	4	EA.	Standard Manhole w/Locking Lid	\$ <u>2,000.00</u>	\$ <u>8,000.00</u>
3.	12	EA.	Standard Manhole	\$ <u>1,600.00</u>	\$ <u>19,200.00</u>
4.	1	EA.	Const. Standard 6" Cleanout over Exist. 4" Lateral	\$ <u>250.00</u>	\$ <u>250.00</u>
5.	1	EA.	Standard 6" Cleanout	\$ <u>200.00</u>	\$ <u>200.00</u>
6.	907	LF.	15" Sanitary Main (Imported Backfill)	\$ <u>60.00</u>	\$ <u>54,420.00</u>
7.	907	LF.	8" Sanitary Main (Imported Backfill)	\$ <u>40.00</u>	\$ <u>36,280.00</u>
8.	1,090	LF.	8" Sanitary Main (Native Backfill)	\$ <u>25.00</u>	\$ <u>27,250.00</u>

EXHIBIT D

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
<u>SANITARY SEWER CONT'D.</u>					
9.	125	L.F.	6" Sanitary Main (Imported Backfill)	\$ <u>28.00</u>	\$ <u>3,500.00</u>
10.	30	L.F.	6" Sanitary Main (Native Backfill)	\$ <u>24.00</u>	\$ <u>720.00</u>
11.	613	L.F.	12" Pressure Sanitary Main (Imported Backfill)	\$ <u>23.00</u>	\$ <u>14,099.00</u>
12.	504	L.F.	12" Pressure Sanitary Main (Native Backfill)	\$ <u>18.00</u>	\$ <u>9,072.00</u>
13.	97	L.F.	8" Pressure Sanitary Main (Imported Backfill)	\$ <u>28.00</u>	\$ <u>2,716.00</u>
14.	1	EA.	Break, Enter and Connect Prop. 15" San. to Exist. Sanitary Manhole	\$ <u>600.00</u>	\$ <u>600.00</u>
15.	1	EA.	Connect to Exist. 8" Pressure Sanitary Main	\$ <u>900.00</u>	\$ <u>900.00</u>
16.	1	EA.	Concrete Anchor Wall	\$ <u>300.00</u>	\$ <u>300.00</u>
17.	418	S.Y.	Pavement Removal and Replacement	\$ <u>35.00</u>	\$ <u>14,630.00</u>
18.		LS.	Remove Exist. Pump, Valve and Septic Tank		\$ <u>2,500.00</u>
19.		LS.	Remove Exist. Air Release Valve		\$ <u>180.00</u>
20.	150	C.Y.	Extra Depth Bedding (if necessary)	\$ <u>10.00</u>	\$ <u>1,500.00</u>
			TOTAL SANITARY SEWER		\$ <u>197,817.00</u>
<u>STORM SEWER</u>					
1.	5	EA.	Standard Manhole w/Locking Lid	\$ <u>1,500.00</u>	\$ <u>7,500.00</u>
2.	9	EA.	Standard Manhole	\$ <u>1,500.00</u>	\$ <u>13,500.00</u>
3.	10	EA.	Concrete Inlets (G-1)	\$ <u>850.00</u>	\$ <u>8,500.00</u>
4.	1	EA.	Catch Basin	\$ <u>800.00</u>	\$ <u>800.00</u>
5.	2	EA.	Field Inlet	\$ <u>900.00</u>	\$ <u>1,800.00</u>

EXHIBIT D

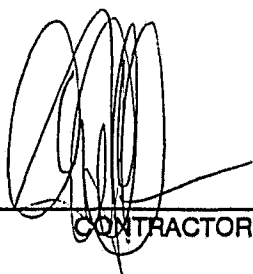
ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
STORM SEWER CONT'D.					
6.	3	EA.	6" Cleanout	\$ <u>250.00</u>	\$ <u>750.00</u>
7.	54	L.F.	24" Storm Main (Imported Backfill)	\$ <u>55.00</u>	\$ <u>2,970.00</u>
8.	260	L.F.	24" Storm Main (Native Backfill)	\$ <u>35.00</u>	\$ <u>9,100.00</u>
9.	269	L.F.	21" Storm Main	\$ <u>33.00</u>	\$ <u>8,877.00</u>
10.	30	L.F.	18" Storm Main (Imported Backfill)	\$ <u>40.00</u>	\$ <u>1,200.00</u>
11.	50	L.F.	18" Storm Main (Native Backfill)	\$ <u>30.00</u>	\$ <u>1,500.00</u>
12.	1,253	L.F.	15" Storm Main (Imported Backfill)	\$ <u>34.00</u>	\$ <u>42,602.00</u>
13.	120	L.F.	15" Storm Main (Native Backfill)	\$ <u>24.00</u>	\$ <u>2,880.00</u>
14.	405	L.F.	12" Storm Main and Laterals (Imported Backfill)	\$ <u>34.00</u>	\$ <u>13,770.00</u>
15.	191	L.F.	12" Storm Main and Laterals (Native Backfill)	\$ <u>24.00</u>	\$ <u>4,584.00</u>
16.	34	L.F.	10" Storm Main (Imported Backfill)	\$ <u>33.00</u>	\$ <u>1,122.00</u>
17.	50	L.F.	10" Storm Main (Native Backfill)	\$ <u>20.00</u>	\$ <u>1,000.00</u>
18.	5	L.F.	8" Storm Main	\$ <u>40.00</u>	\$ <u>200.00</u>
19.	10	L.F.	6" Storm Main	\$ <u>28.00</u>	\$ <u>280.00</u>
20.	1,984	L.F.	6" French Drain	\$ <u>9.00</u>	\$ <u>17,856.00</u>
21.	3	EA.	Reset Ex. Storm M.H. Rim	\$ <u>250.00</u>	\$ <u>750.00</u>
22.		L.S.	Rock Riprap		\$ <u>750.00</u>
23.	1	EA.	Swale Inflow Spreader	\$ <u>550.00</u>	\$ <u>550.00</u>
24.	1	EA.	Concrete Anchor Wall	\$ <u>300.00</u>	\$ <u>300.00</u>
25.	25	S.Y.	Pavement Removal and Replacement	\$ <u>30.00</u>	\$ <u>750.00</u>
26.	4	EA.	Break, Enter & Connect 12" Storm to Exist. 48" Main	\$ <u>500.00</u>	\$ <u>2,000.00</u>
27.		L.S.	Remove Field Inlet & Regrade Ditch		\$ <u>400.00</u>

EXHIBIT D

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
<u>STORM SEWER CONT'D.</u>					
28.	150	C.Y.	Extra Depth Bedding (if necessary)	\$ <u>10.00</u>	\$ <u>1,500.00</u>
			TOTAL STORM SEWER		\$ <u>147,791.00</u>
<u>WATER SYSTEM</u>					
1.	82	L.F.	8" D.I.P. Water Main	\$ <u>30.00</u>	\$ <u>2,460.00</u>
2.	2,613	L.F.	12" D.I.P. Water Main	\$ <u>31.00</u>	\$ <u>81,003.00</u>
3.	5	EA.	8" Gate Valve	\$ <u>500.00</u>	\$ <u>2,500.00</u>
4.	9	EA.	12" Butterfly Valve	\$ <u>800.00</u>	\$ <u>7,200.00</u>
5.	5	EA.	Fire Hydrant	\$ <u>1,900.00</u>	\$ <u>9,500.00</u>
6.	1	EA.	Relocate Existing Fire Hydrant	\$ <u>900.00</u>	\$ <u>900.00</u>
7.	4	EA.	Reset Existing Water Valve Box to Finished Grade	\$ <u>60.00</u>	\$ <u>240.00</u>
8.	4	EA.	Reset Existing Water Meter and Box	\$ <u>60.00</u>	\$ <u>240.00</u>
9.	1	EA.	Cut in and Connect to Exist. 12" D.I.P.	\$ <u>1,000.00</u>	\$ <u>1,000.00</u>
10.	1	EA.	Connect to Exist. 8" D.I.P.	\$ <u>750.00</u>	\$ <u>750.00</u>
11.	150	C.Y.	Extra Depth Bedding (if necessary)	\$ <u>14.00</u>	\$ <u>2,100.00</u>
			TOTAL WATER SYSTEM		\$ <u>107,893.00</u>
<u>EROSION CONTROL MEASURES</u>					
1.	3,910	L.F.	Temporary Silt Fence	\$ <u>.80</u>	\$ <u>3,128.00</u>
2.	13	EA.	Temporary Inlet Protection	\$ <u>30.00</u>	\$ <u>390.00</u>
			TOTAL EROSION CONTROL MEASURES		\$ <u>3,518.00</u>

EXHIBIT D

ITEM	QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
<u>STREET LIGHTING AND POWER</u>					
1.	3,394	LF.	Trenching for Conduit	\$ <u>3.00</u>	\$ <u>10,182.00</u>
2.	3,604	LF.	2" Dia. P.V.C. Conduit	\$ <u>1.50</u>	\$ <u>5,406.00</u>
3.	1,106	LF.	4" Dia. P.V.C. Conduit	\$ <u>2.50</u>	\$ <u>2,765.00</u>
4.	18	EA.	Carson Boxes	\$ <u>150.00</u>	\$ <u>2,700.00</u>
5.	2	EA.	660 LA Vault	\$ <u>2,200.00</u>	\$ <u>4,400.00</u>
6.		LS.	Remove Exist. Street Light		\$ <u>600.00</u>
7.		LS.	Relocate Exist. Street Light		\$ <u>1,200.00</u>
			TOTAL STREET LIGHTING		\$ <u>27,253.00</u>
<u>TRAFFIC SIGNAL</u>					
1.		LS.	Traffic Signal		\$ <u>125,000.00</u>
			TOTAL TRAFFIC SIGNAL		\$ <u>125,000.00</u>
			TOTAL CONSTRUCTION		\$ <u>1,063,488.²⁰00</u>



 CONTRACTOR

6/18/93

 DATE

EXHIBIT E

**COPY FOR YOUR
INFORMATION**

VIA FACSIMILE; 682-7025

June 21, 1993

Michael A. Stone, P.E.
City Engineer
City of Wilsonville

Re: Bid of Coffman Excavation
Town Center Loop East Extension
Our File No. 43240/new

Dear Mr. Stone:

This firm represents Coffman Excavation, Inc. ("Coffman"). Coffman was the apparent low bidder on the Town Center Loop East Extension project ("the Project") last Friday, June 18, 1993. Approximately fifteen minutes ago I was advised by Coffman that you are planning to recommend to the City Council this evening that Coffman's bid be rejected as nonresponsive. This letter is intended to dissuade you from that action.

We understand that the basis of your recommendation is that Coffman failed to insert Bid Item No. 21 into the unit price detail sheets that were part of the bid, despite the fact that this was a requirement of Addendum No. 1. We believe that a rejection on that basis would be contrary to Oregon law.

I refer you to the Oregon Attorney General's Model Public Contract Rules Manual (August 1990) ("the Manual") which, I assume, governs public contract work for the City of Wilsonville. The Manual includes the applicable regulations for analysis of bids. In particular, the Manual includes OAR 137-30-075 which reads in pertinent part as follows:

Minor informalities are matters of form rather than substance that are evident from the bid documents, or are insignificant mistakes that can be waived or corrected promptly without prejudice to other bidders or the public agency; . . . Examples include, but are not limited, to the failure of a bidder to:

...

(iii) Acknowledge receipt of an addendum to the bid documents, but only if:

**TARLOW
JORDAN &
SCHRADER**
ATTORNEYS AT LAW

CHARLENE SCHRADER
FASCE

1600 SW Cedar Hills Blvd
Suite 100
Portland OR 97225
FAX (503) 641-2991
(503) 641-7171

Dirt Law

EXHIBIT E

TARLOW, JORDAN & SCHRADER

Michael A. Stone, P.E.
June 21, 1993
Page 2

(A) It is clear from the bid that the bidder received the addendum and intended to be bound by its terms; or . . .

It is clear that Coffman received and acknowledged the addendum, as they signed an acknowledgement to that effect that was included with the bid package. Therefore, as indicated in OAR 137-30-075(iii)(A), the irregularity of not including the bid item in the detailed unit price listing should be waived.

We recommend that you consult with the City Attorney regarding this letter. If you choose not to consult with that person, we are prepared to discuss this matter with you in greater detail.

It would be a manifest injustice to reject Coffman's award on the basis of a clearly waivable and immaterial oversight. The Manual, and the common law, clearly allow public agencies to waive minor informalities. Coffman requests that the City Council do so in this case.

Very truly yours,

TARLOW, JORDAN & SCHRADER

Charles R. Schrader

cc: Coffman Excavation, Inc.

EXHIBIT E

VIA FACSIMILE; 682-7025
AND FIRST-CLASS MAIL

June 21, 1993

Michael E. Kohlhoff
Wilsonville City Attorney
30000 S.W. Town Center Loop E
Wilsonville OR 97070

Re: Town Center Loop East Extension Project
Bid Issue with Coffman Excavation, Inc.
Our File No. 43240/new

Dear Mike:

First of all, I apologize for not writing you directly on this matter. I literally got a call at 5:10 pm from Coffman saying that I needed to get a letter to Mike Stone before 5:30. In the rush, I forgot that you were City Attorney, and Coffman didn't know who it was. Mike Stone reminded me when I talked to him just a few minutes ago.

Anyway, enclosed is a copy of a letter that I sent to Mike Stone at around 5:30 this evening. I believe it is self-explanatory. By the time you get this, the City Council meeting will probably have happened. I hope that the City Council will have decided to either award to Coffman, or delay any decision until you and I can discuss this in more depth. The bottom line is that we believe the irregularity is not material and can (and should) be waived by the City so that the bid can be awarded to Coffman. I am advised that Coffman's bid includes all of the work required for the Project, and they stand ready and willing to perform the Project for the City.

I look forward to hearing from you.

Very truly yours,

TARLOW JORDAN & SCHRADER


Charles R. Schrader

cc: Coffman Excavation, Inc.

**TARLOW
JORDAN &
SCHRADER**
ATTORNEYS AT LAW

1600 SW Cedar Hills Blvd
Suite 100
Portland OR 97225
FAX (503) 641-2991
(503) 641-7171

Dirt LawSM

EXHIBIT E

FILE COPY

June 23, 1993

VIA FACSIMILE: 682-7025
AND FIRST-CLASS MAIL

Michael E. Kohlhoff
Wilsonville City Attorney
30000 S.W. Town Center Loop E.
Wilsonville OR 97070

Re: Coffman Excavation, Inc. Bid
Town Center Loop East Extension Project
Our File No. 43240/24630

Dear Mike:

As you know, this firm represents Coffman Excavation, Inc. ("Coffman"). This letter is further to my letters to you and Michael Stone, P.E. of June 21, 1993, and my telephone conversation with you of yesterday.

We understand the facts of this matter to be as follows: (1) Coffman submitted a bid for the above-referenced project ("the Project") that included an acknowledgement of Addendum No. 1; (2) Coffman did not, however, include a specific price for Bid Item No. 21 despite the fact that this was a requirement of Addendum No. 1; (3) Coffman was the apparent low bidder for the Project; and, (4) the City Council continued the matter of the award of the contract from its regularly scheduled meeting on June 21, 1993, to a special meeting to be held at 8:00 a.m. on Monday June 28, 1993.

Since our discussion I have conferred further with Coffman, and Coffman wishes to reiterate the position taken in my June 21 letters to you and Mr. Stone. We understand that the City of Wilsonville ("the City") serves as its own contract review board, and also that it has adopted the Oregon Attorney General's Model Public Contract Rules ("the Rules") to govern public works procurement questions. Under the Rules, and Oregon law in general, a bid must conform in all *material* respects to the advertised terms of the bid solicitation. Failure to so conform makes the bid nonresponsive.

To require absolute conformity to all solicitations would deprive public agencies of significant financial benefit from low bids submitted by responsible contractors. As a result, a substantial body of law has evolved that allows a public body to waive immaterial defects in a bid and award to the low bidder. A useful guide for analysis of bidding issues is the Federal Acquisition Regulations ("FAR") found in 48 C.F.R. Under FAR § 14.405 a "minor informality or irregularity" is defined, in pertinent part, as follows:

**TARLOW
JORDAN &
SCHRADER**
ATTORNEYS AT LAW

CHARLES E. SCHRADER
FASCE

1600 SW Cedar Hills Blvd
Suite 100
Portland OR 97225
FAX (503) 641-2991
(503) 641-7171

Dirt LawSM

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Michael E. Koblhoff

June 23, 1993

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The defect or variation is immaterial when the effect on price, quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the supplies or services being acquired.

In this case, the City clearly has the power to waive immaterial defects in the responsiveness of the bid.

The Rules reinforce this conclusion, and give specific authority for the City to waive the minor irregularity included in Coffman's bid and award the Project to Coffman. The Rules include OAR 137-30-075 which reads in pertinent part as follows:

Minor informalities are matters of form rather than substance that are evident from the bid documents, or are insignificant mistakes that can be waived or corrected promptly without prejudice to other bidders or the public agency; . . . Examples include, but are not limited, to the failure of a bidder to:

. . .

(iii) Acknowledge receipt of an addendum to the bid documents, but only if:

(A) It is clear from the bid that the bidder received the addendum and intended to be bound by its terms; or . . .

It is clear that Coffman received and acknowledged the addendum, as they signed an acknowledgement to that effect that was included with the bid package. The wording of the Addendum includes a clause "merging" the Addendum with the original bid package "as if they were whole". There can be no question that Coffman is bound by the Addendum. Therefore, as indicated in OAR 137-30-075(iii)(A), the irregularity of not including the bid item in the detailed unit price listing should be waived.

Even if the above were not the case, it is clear that omission of an item price should be waived if, under the language of the bid, the contractor would be required to furnish the item without charge in any event. Comp Gen Dec B-152899 (Jan. 27, 1964). In this case, there is no doubt but that the successful bidder will be required to perform all of the work on the Project, including

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Michael E. Kohlhoff
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excavation of any rock that may be encountered. The failure of Coffman to interlineate Bid Item No. 21 on the bid form does not release it from the obligation to perform the work, and also does not give rise to a right to seek payment for rock under any other provision of the contract for the Project. As noted above, the Addendum was incorporated into the bid package, and so acknowledged by Coffman. We are informed that Coffman's bid included its costs for rock excavation in other unit prices. Rock excavation is an incidental item and, under its bid, Coffman is not entitled to separate payment for any rock encountered.

If you have any questions, please feel free to call me. We are willing to appear at the Monday morning City Council meeting if necessary or helpful. Thank you in advance for your courtesies.

Very truly yours,

TARLOW, JORDAN & SCHRADER

Charles R. Schrader

cc: Coffman Excavation, Inc.

City of WILSONVILLE In OREGON

30000 SW Town Center Loop E
Wilsonville, Oregon 97070
FAX (503) 682-1015
(503) 682-1011

COMMUNITY DEVELOPMENT

THIS FAX CONTAINS 2 PAGES INCLUDING THIS SHEET

TO: MIKE KOHLHOFF FAX # 682-1015

FROM: MICHAEL STONE FAX # (503) 682-7025

DATE: 23 JUNE 1993

RE: TOWN CENTER LOOP EBRT.

MESSAGE: MIKE- THE CONTRACTOR GRIFFEVINE APPEARS TO BE FULLY FUNCTIONABLE. HE IS CLEANWATERS' NOTIFICATION.

MPS.

Please call if the documents you received are incomplete or illegible. Our office telephone number is (503) 682-4960. Thank you.

CLEARWATER CONSTRUCTION CO.

Site Development

Heavy / Utility / Mechanical Construction

June 23, 1993

City Engineer
City of Wilsonville
30000 SW Town Center Loop
Wilsonville, Oregon 97070

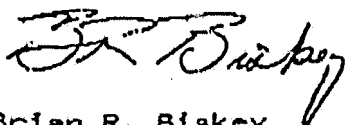
RE: Bid for Town Center Loop East Extension

It is our understanding that Coffman Excavation, Inc. did not add bid item #21 "Trench Rock Excavation" to their bid proposal as directed in addendum #1. If this is the case, then they did not comply with section 4 of the Instructions to Bidders, and their bid should be considered informal because their proposal contained an omission.

It is our position that Clearwater Construction Co. should be awarded the contract based on the fact that we submitted the lowest complete bid.

This is to inform you that it is our intention to file a formal protest with the Wilsonville City Council if the above referenced project is awarded to Coffman Excavation, Inc.

Very truly yours,



Brian R. Biskey
Estimator, Vice President