

RESOLUTION NO. 521

A RESOLUTION APPROVING THE BID PROCESS; ACCEPTING THE LOW QUALIFIED BID; AWARDING THE CONTRACT TO THE LOW QUALIFIED BIDDER; VERIFYING FUND AVAILABILITY; AUTHORIZING THE EXPENDITURE OF FUNDS; AND AUTHORIZING STAFF TO APPROVE MONTHLY PAYMENTS FOR TOWN CENTER LOOP/PARKWAY AVENUE STREET AND UTILITY IMPROVEMENTS - LOCAL IMPROVEMENT DISTRICT NO. 5, HEREINAFTER REFERRED TO AS LID #5.

WHEREAS, the City Council for the City of Wilsonville, Oregon, did review and adopt Resolution No. 502, titled "A Resolution Declaring the Intention to Proceed with the Construction of Town Center Loop/Parkway Avenue Street and Utility Improvements Local Improvement District No. 5, Hereinafter Referred to as LID #5; Approving the Detailed Plans and Specifications as Presented by C.R.S. Sirrine Engineers; Authorizing Staff to Advertise to Receive Sealed Bids; and Approving the Construction Deposit Agreement"; and

WHEREAS, advertisements were printed in the Daily Journal of Commerce and the Lake Oswego Review as set forth in the requirements established in Oregon Revised Statutes 279.025 "Requirements for Advertisement"; and

WHEREAS, sealed bids were received prior to 2:00 o'clock p.m. Pacific Daylight Savings Time, Monday, September 23, 1985 at Wilsonville City Hall, 30000 SW Town Center Loop East, Wilsonville, Oregon, 97070. Bids were then opened individually and separately

and read aloud after 2:00 o'clock p.m. Pacific Daylight Savings Time on September 23, 1985, and are listed in the attached Exhibit "A"; and

WHEREAS, C.R.S. Sirrine Engineers, consulting engineers for the City of Wilsonville, has reviewed all bids received for completeness, additions and omissions and, therefore, acknowledges Bonstan Construction Company of PO Box 32, Clackamas, Oregon, 97015 as the bidder to submit the bid with the lowest qualified bid amount as shown in Exhibit "A", attached hereto and incorporated as if fully set forth herein; and

WHEREAS, C.R.S. Sirrine Engineers recommends the award of the contract for LID #5 to Bonstan Construction Company for a total bid price as follows:

SCHEDULE A

Base Bid	- Includes full street and utility improvement - Town Center Loop East and West	\$1,076,729.00
Deductive Alternate 1	- Deduction of 1/2 street construction from Town Center Loop West if bid is too high	61,773.00
Deductive Alternate 2	- Deduction of 1/2 street construction from Town Center Loop East and West if bid is too high	97,488.00

SCHEDULE B	Sanitary sewer interceptor	117,600.00
	Contract Award Basis =	<hr/> \$1,194,329.00
	Schedule A and B	

WHEREAS, the City Council, through its adoption of Resolution No. 502, approved a Construction Deposit Agreement which was designed to allow construction to begin prior to Bancroft Bonding in order to start the project at the earliest time. Bancroft Bonds will be tentatively available on January 1, 1986; and

WHEREAS, those property owners required to sign the Construction Deposit Agreement have done so and must deposit two hundred, fifty thousand dollars (\$250,000) before the city will issue the award of contract; and

WHEREAS, the Final Preassessment Formula adopted by the City Council through Resolution No. 499, was based on a one-half street improvement for Town Center Loop West and a full street improvement for Town Center Loop East. The property owners agreed that a full street improvement would be bid if it could be built without increasing the assessments for LID #5. Property owners shall sign a statement of agreement for full street development prior to award of contract; and

WHEREAS, the Accounting Director has reviewed the funds(s) to which expenditures will be accounted to, and has verified that funds are available to complete this project; and

WHEREAS, in order to assure that the contractor, engineers and other contractual services provided in this project receive prompt payment for monthly work performed, the Public Works

Director shall approve all monthly payments as herein provided.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the City Council of the City of Wilsonville that:

1. The City Council acknowledges that all bids were received, publicly opened and approved as being completed for consideration for award according to the provisions of Oregon Revised Statutes 279.025, "Requirements for Advertisement".
2. The acceptance of the contract of the lowest qualified bidder, and awarding the contract to the lowest qualified bidder.

NAME Bonstan Construction Company
ADDRESS PO Box 32 Clackamas OR 97015
PHONE NO. 650-0004

For a total bid price of: \$1,194,329.00 Schedule A
and Schedule B

For a project known as: LID #5

3. Authorize the expenditures of funds for this contract from Account No. 10-76.

All amounts listed in Exhibit "A" are based on a combination of lump sum and estimated unit price bids. Final amounts of estimated unit prices may vary.

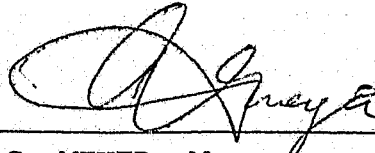
4. The property owners for LID #5 shall pay the sum of two hundred, fifty thousand dollars (\$250,000) as required by the Construction Deposit Agreement, and sign the statement of full street construction prior to award of contract.
5. The Accounting Director, by his signature below, has verified that funds are available in the account number(s) mentioned in Item #3 above, for payment of all billing for this project.

Ray Shorten 10-1-85
Accounting Director Date

6. All payments for monthly construction billings or services during construction billings, shall be approved by the Public Works Director or duly authorized representative. All change orders shall be approved by the City Council, prior to payment; all field changes shall be approved by the Public Works Director, or duly authorized representative, prior to payment of field changes.
7. The final payment shall not be paid until the City Council has authorized said payment to be made.

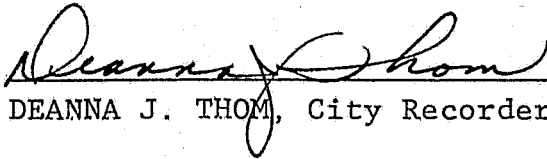
ADOPTED by the City Council of the City of Wilsonville at a regular meeting thereof this 7th day of October, 1985

and filed with the City Recorder this same date.



A. G. MEYER, Mayor

ATTEST:



DEANNA J. THOM, City Recorder-Treasurer



CRS SIRRINE

October 1, 1985

City of Wilsonville
P.O. Box 220
Wilsonville, Oregon 97070

Attention: Mr. Larry Blanchard, Director of Public Works

Subject: Construction Bids for
Town Center Loop/Parkway Street and Utility Improvements
LID No. 5
CRS SIRRINE Job No. N01149

Gentlemen:

On September 23, 1985, ten bids were received on the subject project. A tally of the bids is enclosed along with a tabulation of unit prices and the extensions.

Three cases for award of bids are possible:

- Case 1 Base Bid plus Interceptor; this case is for full construction of both Town Center Loop East and Town Center Loop West.
- Case 2 Base Bid less Deductive Alternate 1 plus Interceptor; this case is for full construction of Town Center Loop East and partial construction of Town Center Loop West.
- Case 3 Base Bid less Deductive Alternate 2 plus Interceptor; this case is for partial construction of both Town Center Loop East and Town Center Loop West.

The low three bidders compare as follows:

	<u>Bonstan Construction Co.</u>	<u>E. Lee Robinson Construction Co.</u>	<u>Emery & Sons Construction, Inc.</u>
Case 1	\$1,194,329.00	\$1,201,706.00	\$1,217,032.55
Case 2	\$1,132,556.50	\$1,136,318.00	\$1,153,246.66
Case 3	\$1,096,841.00	\$1,091,357.00	\$1,108,594.35

City of Wilsonville
September 30, 1985
Page Two

We have reviewed the bids and recommend award to Bonstan Construction Co. as the low responsive bidder for Case 1. The Case 1 total is four percent below the LID 5 assessment formula construction budget for Option 2 (i.e. Case 2 as described herein).

Very truly yours,

CRS Sirrine, Inc.



Steven E. Simonson, P.E.
Assistant Vice President

Enclosure

cc: All Bidders

SES:jb

**Bid Tally**TOWN CENTER LOOP/PARKWAY AVENUE
STREET & UTILITY IMPROVEMENTS-LID NO. 5BID OPENING September 23, 1985JOB No. N01149

CONTRACTOR	AMOUNT BID	REMARKS
Bonstan Construction P.O. Box 32 Clackamas, Oregon 97015	SCH. A 1,076,729.00 DED. ALT. 1 56,772.00 DED. ALT. 2 99,973.00	Apparent Low Bidder 61,772.50 - Corrected 97,488.00 - Corrected
	SCH. B 117,600.00 TOTAL (A+B) 1,194,329.00	
E. Lee Robinson Construction P.O. Box 23248 Tigard, Oregon 97223	SCH. A 1,085,947.30 DED. ALT. 1 65,388.00 DED. ALT. 2 110,069.00	1,085,800.30 - Corrected 110,349.00 - Corrected
	SCH. B 115,905.70 TOTAL (A+B) 1,201,853.00	1,201,706.00 - Corrected Total
Emery & Sons Construction P.O. Box 398 Stayton, Oregon 97383	SCH. A 1,106,052.35 DED. ALT. 1 63,785.70 DED. ALT. 2 108,438.00	
	SCH. B 110,980.00 TOTAL (A+B) 1,217,032.35	
Clearwater Construction Co. 9414 S.W. Barber Blvd Portland, Oregon 97219	SCH. A 1,143,349.70 DED. ALT. 1 61,287.00 DED. ALT. 2 113,124.50	
	SCH. B 134,329.00 TOTAL (A+B) 1,277,678.70	
Northwest Earthmovers, Inc. P.O. Box 1467 Tualatin, Oregon 97062	SCH. A 1,153,910.26 DED. ALT. 1 58,188.52 DED. ALT. 2 99,818.80	1,154,061.26 - Corrected
	SCH. B 149,290.40 TOTAL (A+B) 1,303,200.66	149,274.40 - Corrected 1,303,335.66 - Corrected Total
Marshall Associated Contractors 10002 S.W. Herman Tualatin, Oregon 97062	SCH. A 1,182,841.55 DED. ALT. 1 62,618.25 DED. ALT. 2 101,372.25	60,718.25 - Corrected
	SCH. B 131,588.80 TOTAL (A+B) 1,314,430.35	131,589.60 - Corrected 1,314,431.15 - Corrected Total

**Bid Tally**TOWN CENTER LOOP/PARKWAY AVENUE
STREET & UTILITY IMPROVEMENTS-LID NO. 5BID OPENING September 23, 1985JOB No. N01149

CONTRACTOR	AMOUNT BID	REMARKS
Copenhagen Utilities Const. P.O. Box 429 Clackamas, Oregon 97015	SCH. A 1,255,479.10 DED. ALT. 1 51,935.00 DED. ALT. 2 90,534.50	1,177,119.10 - Corrected 94,534.50 - Corrected
	SCH. B 185,531.00 TOTAL (A+B) 1,441,010.10	1,362,650.10 - Corrected Total
Oregon Asphaltic Paving Co. P.O. Box 16537 Portland, Oregon 97216	SCH. A 1,315,080.00 DED. ALT. 1 59,511.00 DED. ALT. 2 101,098.50	
	SCH. B 154,491.50 TOTAL (A+B) 1,469,571.50	
Bones Construction Co. 3508 S.W. 219th Ave Aloha, Oregon 97007	SCH. A 1,239,905.60 DED. ALT. 1 17,834.00 DED. ALT. 2 22,840.00	84,752.50 - Corrected 144,347.50 - Corrected
	SCH. B 242,559.00 TOTAL (A+B) 1,482,464.60	
Cascade Construction Co. P.O. Box 4267 Portland, Oregon 97208	SCH. A 1,351,143.50 DED. ALT. 1 68,138.50 DED. ALT. 2 123,915.25	
	SCH. B 190,735.00 TOTAL (A+B) 1,541,878.50	
Engineer's Estimate	SCH. A 1,205,466.00 DED. ALT. 1 59,784.00 DED. ALT. 2 100,008.00	
	SCH. B 179,596.00 TOTAL (A+B) 1,385,062.00	

BID TABULATION
 For Construction of Town Center Loop/Parkway Street and Utility Improvements
 BASE BID (BB-1)

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Constr.		E. Lee. Robinson		Eaery & Sons		Clearwater Const		NW Earthmovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Construct.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Clearing and grubbing, Town Center Loop East Sta 0+00 to 15+27	Lump Sum	2000	2000	35000	35000	37500	37500	52000	52000	61000	61000	2500	2500	1700	1700	2059	2059	74000	74000	7500	7500	1600	1600
2	Clearing and grubbing, Town Center Loop East Sta 15+27 to 33+42	Lump Sum	3000	3000	22000	22000	1200	1200	5000	5000	20000	20000	12500	12500	2550	2550	19978	19978	51000	51000	15000	15000	1600	1600
3	Clearing and grubbing, Town Center Loop East Sta 15+47 to 34+57	Lump Sum	3000	3000	5000	5000	1200	1200	7000	7000	13000	13000	12500	12500	1900	1900	21641	21641	51000	51000	17500	17500	1600	1600
4	Clearing and grubbing, Parkway Sta 1+00 to 6+55	Lump Sum	2000	2000	20000	20000	1200	1200	9000	9000	25000	25000	22800	22800	620	620	12743	12743	49000	49000	5000	5000	1600	1600
5	Pavement demolition	150 c.y.	10	1500	5	750	10	1500	7.5	1125	12	1800	12	1800	8.6	1290	9.5	1425	10	1500	20	3000	37.15	5572.5
6	Curb demolition	200 l.f.	2.5	500	1	200	2.7	540	2	400	2	400	2.4	480	.65	130	1.7	340	1	200	5	1000	3	600
7	Pipeline demolition	450 l.f.	8	3600	5	2250	8.3	3735	7	3150	5	2250	2.4	1080	4.2	1890	4.2	1890	9	4050	20	9000	9	4050
8	Class A pipeline bedding	250 l.f.	25	6250	14	3500	6	1500	1	250	10	2500	13.2	3300	21	5250	9.2	2300	7	1750	3	750	50	12500
9	Pipeline excavation below grade and backfill for foundation and stabilization	300 c.y.	20	6000	15	4500	10	3000	1	300	8	2400	18	5400	14	4200	18.4	5520	17	5100	20	6000	12.5	3750
10	Trench select backfill in the pipe zone	2700 c.y.	12	32400	10	27000	8	21600	7	18900	11.5	31050	13.08	35316	11.9	32130	19.8	53460	9	24300	10	27000	9.5	25650
11	Pipeline trench select backfill	2070 c.y.	10	20700	12	24840	8	16560	7.5	15525	11.5	23805	12.78	26454.6	11.9	24633	16.2	33534	18	37260	10	20700	8.5	17595
12	Subgrade excavation and leveling course for sidewalks	25 c.y.	25	625	30	750	20	500	10	250	20	500	60	1500	15.45	386.25	130	3250	50	1250	20	500	100	2500
13	Excavation and select backfill below subgrade	400 c.y.	15	6000	20	8000	12	4800	15	6000	11.5	4600	14.4	5760	14.25	5700	15	6000	13	5200	15	6000	28	11200
14	Roadway embankment in place	1050 c.y.	10	10500	2.4	2520	2	2100	3.5	3675	4	4200	1.2	1260	2.75	2887.5	3.3	3465	10	10500	14	14700	15.75	16537.5
15	Topsoil in planting areas	3060 c.y.	6	18360	6	18360	5.75	17595	5	15300	4	12240	3.76	11505.6	10.35	31671	3.9	11934	5	15300	14	42840	20.75	63495
16	Crushed aggregate for roadway base	3830 c.y.	12	45960	15	57450	33.7	129071	15.6	59748	11.5	44045	13.4	51322	23.3	89239	11	42130	12.5	47875	20	76600	18.25	69897.5
17	Crushed aggregate for roadway leveling course	1550 c.y.	14	21700	20	31000	23.6	36580	10.5	16275	11.5	17625	18.12	28086	13	20150	12.3	19065	12.5	19375	25	38750	22.25	34487.5

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Constr.		Lee. Robinson		Emery & Sons		Clearwater Const		NW Earthmovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Construct.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
18	Lime Treated Subgrade	25000 s.y.	1.8	45000	1.25	31250	1.6	40000	2.6	65000	1.6	40000	3.35	83750	2.15	53750	1.6	40000	1.95	48750	1.75	43750	1.5	37500
19	Lime for Treated Subgrade	420 ton	90	37800	90	37800	95	39900	101.9	42798	95	39900	95.4	40068	94	39480	94.5	39690	88	36960	105	44100	90	37800
20	Asphalt concrete	4600 ton	30	138000	29	133400	33.1	152260	33.3	153180	32	147200	31.27	143842	30	138000	23	105800	29	133400	33.5	154100	31.25	143750
21	Asphalt Concrete Patch	20 c.y.	80	1600	160	3200	105	2100	115	2300	120	2400	108	2160	224	4480	105	2100	100	2000	150	3000	100	2000
22	Concrete curbs	11240 l.f.	4	44960	3.25	36530	3.3	37092	3.4	38216	3.3	37092	3.37	37878.8	3.9	43836	3.25	36530	3.25	36530	3.8	42712	5	56200
23	Sidewalks	430 s.y.	18	7740	12	5160	11.65	5009.5	10.5	4515	12	5160	11.86	5099.8	20	8600	12	5160	10	4300	15	6450	10	4300
24	Pavement marking																							
	A. Centerline stripe	1900 l.f.	.35	665	.3	570	.3	570	.29	551	.27	513	.27	513	.15	285	.3	570	.3	570	.5	950	.3	570
	B. Lane line	510 l.f.	.2	102	.3	153	.3	153	.29	147.9	.27	137.7	.27	137.7	.15	76.5	.3	153	.3	153	.5	255	.3	153
	C. Turning lane separation line	280 l.f.	.35	98	.5	140	.6	168	.5	140	.55	154	.54	151.2	.15	42	.55	154	.6	168	.7	196	.55	154
	D. Pavement arrows	32 ea.	180	5760	70	2240	75	2400	75	2400	69	2208	70.2	2246.4	13	416	68	2176	70	2240	100	3200	68.25	2184
	E. Legend	15 ea.	190	2850	130	1950	150	2250	144	2160	132	1980	135	2025	21	315	131	1965	130	1950	160	2400	130	1950
	F. Crosswalk lines	150 l.f.	5	750	5	750	5.5	825	5.75	862.5	5.3	795	5.4	810	2.1	315	5.25	787.5	6	900	7	1050	5.3	795
25	Pavement markers																							
	A. Mono-reflectORIZED markers, white	440 ea.	3	1320	3.75	1650	4	1760	4	1760	3.7	1628	3.78	1663.2	2.6	1144	3.7	1628	4	1760	5	2200	3.7	1628
	B. Dual-reflectORIZED markers, yellow	230 ea.	4	920	3.75	862.5	4	920	4	920	3.7	851	3.78	869.4	3.1	713	3.7	851	4	920	5	1150	3.7	851
	C. Non-reflectORIZED markers, yellow or white	1130 ea.	2	2260	2.2	2486	2.6	2938	2.3	2599	2.15	2429.5	2.16	2440.8	2.35	2655.5	2.1	2373	2.1	2373	3	3390	2.1	2373
26	Signing																							
	A. Street name sign	15 s.f.	25	375	10	150	49	735	8	120	20	300	28.64	429.6	36	540	123	1845	25	375	35	525	48	720
	B. Traffic control sign wood post	147 s.f.	25	3675	10	1470	18.5	2719.5	8	1176	18	2646	28.64	4210.08	27	3969	3.5	514.5	10	1470	35	5145	18	2646
	C. Traffic control sign pipe post	19 s.f.	30	570	10	190	35	665	8	152	19	361	28.64	544.16	36	684	121	2299	10	190	35	665	35	665
27	Furnish and install storm sewers including excavation, Class B bedding and backfill for the following sizes:																							
	A. 36-inch	55 l.f.	45	2475	29	1595	41	2255	42.75	2351.25	30	1650	39.39	2166.45	51.35	2824.25	54	2970	43	2365	57.25	3148.75	46	2530
	B. 27-inch	806 l.f.	38	30628	21	16926	34.7	27968.2	22.1	17812.6	24	19344	19.2	15475.2	29.1	23454.6	33.2	26759.2	24	19344	38.75	31232.5	38	30628
	C. 24-inch	746 l.f.	34	25364	20	14920	32.85	24506.1	20.9	15591.4	20	14920	18.37	13704.02	26.85	20030.1	31.9	23797.4	22	16412	35.3	26333.8	36.75	27415.5
	D. 21-inch	1465 l.f.	30	43950	18	26370	27.7	40580.5	18.1	26516.5	19	27855	16.27	23835.55	22.75	33328.75	29.6	43364	19	27835	31.4	46901	35.2	51568
	E. 18-inch	1010 l.f.	27	27270	16	16160	22	22220	15.65	15806.5	17	17170	16.02	16180.2	16.15	16311.5	27.6	27876	17	17170	25.8	26058	34	34340
	F. 15-inch	725 l.f.	24	17400	15	10875	21.7	15732.5	13.6	9860	16.7	12107.5	25.27	18320.75	14.9	10802.5	26	18850	19	13775	21.05	15261.25	25.2	18270
	G. 12-inch	466 l.f.	21	9786	12	5592	12.35	5755.1	13.2	6151.2	15.5	7225	19.18	8937.88	23.1	10764.6	32	14912	13	6058	14.9	6943.4	24	11184
	H. 10-inch	736 l.f.	18	13248	12	8832	10.95	8059.2	10.8	7948.8	12.5	9200	20.79	15301.44	23.25	17112	24.75	18216	12	8832	13.15	9678.4	23	16928

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Constr.		E. Lee. Robinson		Emery & Sons		Clearwater Const		NW Earthmovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Construct.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
28	Furnish and install storm sewer branches, wyes or tees for the following sizes:																							
	A. 24-inch by 12-inch	1 ea.	50	50	100	100	144	144	100	100	100	100	120	120	131	131	140	140	250	250	200	200	105	105
	B. 21-inch by 12-inch	1 ea.	50	50	100	100	134	134	90	90	95	95	120	120	127	127	130	130	245	245	200	200	105	105
	C. 21-inch by 10-inch	8 ea.	45	360	90	720	128	1024	90	720	85	680	102	816	124	992	116	928	240	1920	200	1600	105	840
	D. 18-inch by 10-inch	9 ea.	40	360	90	810	117	1053	75	675	80	720	102	918	98	882	116	1044	235	2115	150	1350	105	945
	E. 15-inch by 10-inch	3 ea.	35	105	85	255	100	300	70	210	75	225	168	504	101	303	100	300	160	480	140	420	105	315
	F. 12-inch by 10-inch	8 ea.	30	240	65	520	100	800	65	520	70	560	120	960	72	576	100	800	100	800	100	800	105	840
29	Furnish and install 12-inch storm sewer laterals	110 l.f.	20	2200	17	1870	16.8	1848	15	1650	15	1650	19.18	2109.8	23	2530	42.5	4675	13	1430	11.2	1232	24	2640
30	Furnish and install 10-inch storm sewer laterals	640 l.f.	18	11520	15	9600	7.4	4736	12.1	7744	12	7680	16.59	10617.6	16.45	10528	33	21120	12	7680	10	6400	12	7680
31	Furnish and install storm sewer manhole Sta 0+45 TCLE	1 ea.	2500	2500	2750	2750	2500	2500	3000	3000	1550	1550	2331.6	2331.6	3700	3700	2500	2500	2100	2100	3000	3000	2000	2000
32	Furnish and install 54-inch diameter storm sewer manholes	3 ea.	2000	6000	2250	6750	1111	3333	1850	5550	2000	6000	2502	7506	1645	4935	2650	7950	1800	5400	2000	6000	1850	5550
33	Furnish and install std. storm sewer manholes	11 ea.	1200	13200	1350	14850	820	9020	1350	14850	1100	12100	960	10560	1250	13750	1690	18590	1150	12650	1100	12100	1525	16775
34	Furnish and install flat top storm sewer manholes	4 ea.	1000	4000	1250	5000	715	2860	1100	4400	950	3800	960	3840	1336	5344	1420	5680	1100	4400	1000	4000	1525	6100
35	Furnish and install storm sewer catch basins	34 ea.	450	15300	375	12750	375	12750	500	17000	385	13090	351	11934	532	18088	342	11628	420	14280	525	17850	470	15980
36	Furnish and install water lines complete, for the following sizes:																							
	A. 4-inch	60 l.f.	13	780	16	960	9.6	576	11.42	685.2	12.6	756	19.83	1189.8	12.3	738	18.5	1110	13.5	810	11.9	714	20.7	1242
	B. 6-inch	430 l.f.	16	6880	18	7740	11.6	4988	12.6	5418	12.7	5461	24.1	10363	15.7	6751	24.5	10535	14	6020	13.4	5762	34.3	14749
	C. 8-inch	160 l.f.	19	3040	20	3200	15.9	2224	14.7	2352	19	3040	30.31	4849.6	20	3200	26	4160	16	2560	18.75	3000	29.4	4704
	D. 10-inch	850 l.f.	23	19550	18	15300	16.4	13940	16.7	14195	19.5	16575	17.66	15011	20.6	17510	25	21250	19	16150	18.95	16107.5	25.1	21335
	E. 12-inch	3800 l.f.	26	98800	22	83600	20.5	77900	20.1	76380	23	87400	19.77	75126	24.35	92530	24	91200	22	83600	22.6	85880	26.5	100700

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Constr.		E. Lee, Robinson		Eaery & Sons		Clearwater Const		NW Earthmovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Construct.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
37	Furnish and install water line valves of the following sizes:																							
	A. 4-inch	1 ea.	350	350	250	250	175	175	260	260	225	225	276	276	357	357	276	276	325	325	400	400	435	435
	B. 6-inch	13 ea.	400	5200	325	4225	225	2925	340	4420	290	3770	342	4446	421	5473	345	4485	400	5200	500	6500	480	6240
	C. 8-inch	2 ea.	480	960	450	900	340	680	500	1000	420	840	456	912	576	1152	490	980	500	1000	600	1200	690	1380
	D. 10-inch	3 ea.	600	1800	600	1800	350	1050	690	2070	560	1680	660	1980	839	2517	670	2010	750	2250	750	2250	1005	3015
	E. 12-inch	8 ea.	750	6000	675	5400	569	4552	764	6112	640	5120	726	5808	900	7200	760	6080	800	6400	850	6800	1022	8176
38	Connections to existing water lines of the following sizes:																							
	A. 8-inch	1 ea.	300	300	1100	1100	760	760	400	400	500	500	600	600	286	286	690	690	800	800	2000	2000	336	336
	B. 12-inch	2 ea.	500	1000	900	1800	562.5	1125	650	1300	800	1600	660	1320	337	674	580	1160	1500	3000	2500	5000	1302	2604
39	Furnish and install fire hydrant assemblies complete	11 ea.	2000	22000	1500	16500	1500	16500	1970	21670	1700	18700	1830	20130	517	5687	1820	20020	2100	23100	1500	16500	1930	21230
40	Relocate existing fire hydrants	2 ea.	500	1000	600	1200	350	700	700	1400	350	700	720	1440	587	1174	500	1000	550	1100	1000	2000	945	1890
41	Furnish and install 8-inch sanitary sewer including excavation, Class B bedding and native backfill	1750 l.f.	18	31500	13	22750	17.96	31430	12.2	21350	13	22750	12.2	21350	11.65	20387.5	18	31500	12	21000	14.4	25200	21.5	37625
42	Furnish and install 8-inch sanitary sewer branches, wyes or tees	2 ea.	30	60	55	110	32	64	100	200	50	100	42	84	78	156	220	440	85	170	50	100	55	110
43	Connection at manhole Sta. B+36 TCLE	Lump Sum	500	500	1400	1400	565	565	300	300	400	400	300	300	257	257	575	575	1000	1000	800	800	525	525
44	Furnish and install standard sanitary sewer manholes	7 ea.	1400	9800	1200	8400	820	5740	1350	9450	1150	8050	1320	9240	1300	9100	1450	10150	1600	11200	1500	10500	1525	10675
45	Exfiltration testing of 8-inch pipe and laterals	1750 l.f.	1	1750	.25	437.5	.25	437.5	.7	1225	.4	700	.3	525	.2	350	.5	875	1	1750	2	3500	1.3	2275
46	Manhole leak testing	7 ea.	100	700	40	280	106	742	75	525	250	1750	120	840	119	833	115	805	160	1120	200	1400	125	875
47	Conduit trench in existing pavement	175 l.f.	12	2100	8	1400	4.5	787.5	4.3	752.5	16.6	2905	16.47	2882.25	31.7	5547.5	18.5	3237.5	20	3500	2	350	17	2975
48	Conduit trench and native backfill outside existing pavement	10800 l.f.	6	64800	3	32400	1.67	18036	1.3	14040	4.85	52380	6.05	65340	2.55	27540	3.25	35100	8	86400	1.1	11880	8.15	88020
49	Conduit trench select backfill	340 c.y.	10	3400	10	3400	10	3400	7.5	2550	8.2	2768	11.88	4039.2	16	5440	21.2	7208	8	2720	10	3400	7.75	2635

Contract		Engineer Estimate	Bonstan Constr.	E. Lee. Robinson	Emery & Sons	Clearwater Const	NW Earthmovers	Marshall Assoc.	Copenhagen Util.	Oregon Asphalt	Bones Construct.	Cascade Const.												
Item		Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total											
No.	Description	Est. Qty.																						
50	Furnish and install rigid steel bands for conduit of the following sizes:																							
	A. 6-inch	10 ea.	220	2200	150	1500	119	1190	200	2000	230	2300	194.4	1944	169	1690	128	1280	160	1600	150	1500	163	1630
	B. 4-inch	75 ea.	120	9000	80	6000	75	5625	100	7500	132	9900	91.8	6885	100	7500	82	6150	105	7875	100	7500	106	7950
51	Furnish and install underground electrical conduits, including sand bedding and sand backfill for the following sizes:																							
	A. 6-inch	8750 l.f.	3	26250	2.4	21000	1.85	16187.5	3.1	27125	2.8	24500	2.13	18637.5	3.25	28437.5	2.2	19250	3	26250	2.5	21875	3	26250
	B. 4-inch	39800 l.f.	2	79600	1.6	63680	1.2	47760	2.2	87560	1.8	71640	1.5	59700	2.35	93530	1.5	59700	1.7	67660	2	79600	1.7	67660
	C. 2-inch	28200 l.f.	1	28200	.9	25380	.65	18330	1.35	38070	.6	16920	.94	26508	1.65	46530	.9	25380	.65	18330	1	28200	.65	18330
52	Furnish and install electrical vaults, including excavation, bedding and backfill for the following sizes:																							
	A. 5106 LA	9 ea.	3300	29700	2500	22500	2242	20178	2600	23400	3080	27720	3186	28674	3300	29700	3392	30528	3600	32400	3000	27000	3570	32130
	B. 577 LA	2 ea.	1500	3000	1600	3200	1386	2772	1000	2000	1660	3320	2025	4050	1900	3800	2160	4320	1900	3800	1600	3200	1880	3760
	C. 506 LA	10 ea.	1500	15000	1000	10000	730	7300	1600	16000	1375	13750	1413.72	14137.2	1000	10000	1400	14000	1050	10500	1000	10000	1025	10250
	D. 5106 TA	6 ea.	3300	19800	2300	13800	2006	12036	3000	18000	3275	19650	3375	20250	2900	17400	3013	18078	3400	20400	3000	18000	3390	20340
53	Furnish and install lighting junction boxes	49 ea.	120	5880	300	14700	100	4900	100	4900	110	5390	133.92	6562.08	148	7252	123	6027	120	5880	100	4900	120	5880
	TOTAL BASE BID			1205446		1076729		1085800.		1106052.		1143350.		1154061.		1182842.		1177119.		1315080		1239906.		1351144.

BID TABULATION
 For Construction of Town Center Loop/Parkway Street and Utility Improvements
 DEDUCTIVE ALTERNATE 1 (DA1-1)

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Const.		E. Lee Robinson		Eaery & Sons		Clearwater Const		NW Earthaovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Constr.		Cascade Const.		
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
Deductive Items																									
3	Clearing and grubbing, Town Center Loop East Sta 15+47 to 34+57	Lump Sum	1000	1000	5000	5000	1200	1200	7000	7000	7000	7000	1000	1000	1900	1900	5400	5400	3700	3700	17500	17500	1600	1600	
14	Roadway embankment in place	525 c.y.	10	5250	2.4	1260	2	1050	3.5	1837.5	4	2100	1.2	630	2.75	1443.75	3.3	1732.5	10	5250	14	7350	15.75	8268.75	
15	Topsoil in planting areas	1100 c.y.	6	6600	6	6600	5.75	6325	5	5500	4	4400	3.76	4136	10.35	11385	3.9	4290	5	5500	14	15400	20.75	22825	
16	Crushed aggregate for roadway base	420 c.y.	12	5040	15	6300	33.7	14154	15.6	6552	11.5	4830	13.4	5628	23.3	9786	11	4620	12.5	5250	20	8400	18.25	7665	
17	Crushed aggregate for roadway leveling course	205 c.y.	14	2870	20	4100	23.6	4838	10.5	2152.5	11.5	2357.5	18.12	3714.6	13	2665	12.3	2521.5	12.5	2562.5	25	5125	22.25	4561.25	
18	Lime Treated Subgrade	3730 s.y.	1.8	6714	1.25	4662.5	1.6	5968	2.6	9698	1.6	5968	3.35	12495.5	2.15	8019.5	1	3730	1.95	7273.5	1.75	6527.5	1.5	5595	
19	Lime for Treated Subgrade	63 ton	90	5670	90	5670	95	5985	101.9	6419.7	95	5985	95.04	5987.52	94	5922	94.5	5953.5	88	5544	105	6615	90	5670	
20	Asphalt concrete	620 ton	30	18600	29	17980	33.1	20522	33.3	20646	32	19840	31.27	19387.4	30	18600	23	14260	29	17980	33.5	20770	31.25	19375	
22	Concrete curbs	2500 l.f.	4	10000	3.25	8125	3.3	8250	3.4	8500	3.3	8250	3.37	8425	3.9	9750	3.25	8125	3.4	8500	3.8	9500	5	12500	
24	Pavement marking																								
	D. Pavement arrows	6 ea.	180	1080	130	780	75	450	75	450	69	414	70.2	421.2	13	78	68	408	65	390	100	600	68.25	409.5	
	E. Legend	3 ea.	190	570	130	390	150	450	144	432	132	396	135	405	21	63	131	393	125	375	160	480	130	390	
25	Pavement markers																								
	A. Mono-reflectorized markers, white	180 ea.	3	540	3.75	675	4	720	4	720	3.7	666	3.78	680.4	2.6	468	3.7	666	4	720	5	900	3.7	666	
	B. Dual-reflectorized markers, yellow	40 ea.	4	160	3.75	150	4	160	4	160	3.7	148	3.78	151.2	3.1	124	3.7	148	4	160	5	200	3.7	148	
	C. Non-reflectorized markers, yellow or white	450 ea.	2	900	2.2	990	2.6	1170	2.3	1035	2.15	967.5	2.16	972	2.35	1057.5	2.1	945	2.1	945	3	1350	2.1	945	
30	Furnish and install 10-inch storm sewer laterals	30 l.f.	18	540	15	450	7.4	222	12.1	363	12	360	16.59	497.7	16.45	493.5	33.15	994.5	12	360	10	300	12	360	
35	Furnish and install storm sewer catch basins	3 ea.	450	1350	375	1125	375	1125	500	1500	385	1155	351	1053	532	1596	342	1026	420	1260	525	1575	470	1410	
	Contractors Adjustment	Lump Sum	0	0	5000	5000	0	0	0	0	250	250	-2000	-2000	0	0	-2000	-2000	1	1	0	0	0	0	
SUBTOTAL FOR ALTERNATE 1 DEDUCTIONS				66884		69257.5		72589		72965.7		65087		63584.52		73351.25		53213		65771		102592.5		92368.5	

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Const.		E. Lee Robinson		Emery & Sons		Clearwater Const		NW Earthovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Constr.		Cascade Const.		
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
Additive Items																									
1	Gravel path, 5 ft wide	1420 l.f.	5	7100	1.75	2485	1.55	2201	4	5680	2.5	3550	3.8	5396	1.15	1633	.9	1278	3	4260	2	2840	7.5	10650	
	Contractors Adjustæent	Lump Sum	0	0	5000	5000	5000	5000	3500	3500	250	250	0	0	11000	11000	0	0	2000	2000	15000	15000	13600	13600	
SUBTOTAL FOR ALTERNATE 1 ADDITIONS				7100	7485	7201	9180	3800	5396	12633	1278	6260	17840	24250											
NET DEDUCTIVE TOTAL FOR ALTERNATE 1				59784	61772.5	65388	63785.7	61287	58188.52	60718.25	51935	59511	84752.5	68138.5											

BID TABULATION
 For Construction of Town Center Loop/Parkway Street and Utility Improvements
 DEDUCTIVE ALTERNATE 2 (DA2-1)

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Const.		E. Lee Robinson		Emery & Sons		Clearwater Const		NW Earthmovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Const.		Cascade Const.		
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
Deductive Items																									
2	Clearing and grubbing, Town Center Loop East Sta 15+27 to 33+42	Lump Sum	1000	1000	22000	22000	1200	1200	5000	5000	15000	15000	500	500	2550	2550	6790	6790	6944	6944	15000	15000	1600	1600	
3	Clearing and grubbing, Town Center Loop West Sta 15+47 to 34+57	Lump Sum	1000	1000	2000	2000	1200	1200	7000	7000	7000	7000	1000	1000	1900	1900	5400	5400	3700	3700	17500	17500	1600	1600	
14	Roadway embankment in place	525 c.y.	10	5250	2.4	1260	2	1050	3.5	1837.5	4	2100	1.2	630	2.75	1443.75	3.3	1732.5	10	5250	14	7350	15.75	8268.75	
15	Topsoil in planting areas	1660 c.y.	6	9960	6	9960	5.75	9545	5	8300	4	6640	3.76	6241.6	10.35	17181	3.9	6474	5	8300	14	23240	20.75	34445	
16	Crushed aggregate for roadway base	690 c.y.	12	8280	15	10350	33.7	23253	15.6	10764	11.5	7935	13.4	9246	23.3	16077	11	7590	12.5	8625	20	13800	18.25	12592.5	
17	Crushed aggregate for roadway leveling course	350 c.y.	14	4900	20	7000	23.6	8260	10.5	3675	11.5	4025	18.12	6342	13	4550	12.3	4305	12.5	4375	25	8750	22.25	7787.5	
18	Lime Treated Subgrade	6210 s.y.	1.8	11178	1.25	7762.5	1.6	9936	2.6	16146	1.6	9936	3.35	20803.5	2.15	13351.5	1	6210	1.95	12109.5	1.75	10867.5	1.5	9315	
19	Lime for Treated Subgrade	105 ton	90	9450	90	9450	95	9975	101.9	10699.5	95	9975	95.04	9979.2	94	9870	94.5	9922.5	88	9240	105	11025	90	9450	
20	Asphalt concrete	1040 ton	30	31200	29	30160	33.1	34424	33.3	34632	32	33280	31.27	32520.8	30	31200	23	23920	29	30160	33.5	34840	31.25	32500	
22	Concrete curbs	3900 l.f.	4	15600	3.25	12675	3.3	12870	3.4	13260	3.3	12870	3.37	13143	3.9	15210	3.25	12675	3.25	12675	3.8	14820	5	19500	
24	Pavement marking																								
	D. Pavement arrows	10 ea.	180	1800	70	700	75	750	75	750	69	690	70.2	702	13	130	68	680	70	700	100	1000	68.25	682.5	
	E. Legend	5 ea.	190	950	130	650	150	750	144	720	132	660	135	675	21	105	131	655	130	650	160	800	130	650	
25	Pavement markers																								
	A. Mono-reflectorized markers, white	290 ea.	3	870	3.75	1087.5	4	1160	4	1160	3.7	1073	3.78	1096.2	2.6	754	3.7	1073	4	1160	5	1450	3.7	1073	
	B. Dual-reflectorized markers, yellow	60 ea.	4	240	3.75	225	4	240	4	240	3.7	222	3.78	226.8	3.1	186	3.7	222	4	240	5	300	3.7	222	
	C. Non-reflectorized markers, yellow or white	690 ea.	2	1380	2.2	1518	2.6	1794	2.3	1587	2.15	1483.5	2.16	1490.4	2.35	1621.5	2.1	1449	2.1	1449	3	2070	2.1	1449	
30	Furnish and install 10-inch storm sewer laterals	70 l.f.	18	1260	15	1050	7.4	518	12.1	847	12	840	16.59	1161.3	16.45	1151.5	33.15	2320.5	12	840	10	700	12	840	
35	Furnish and install storm sewer catch basins	7 ea.	450	3150	375	2625	375	2625	500	3500	385	2695	351	2457	532	3724	342	2394	420	2940	525	3675	470	3290	

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Const.		E. Lee Robinson		Emery & Sons		Clearwater Const		NW Earthovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Const.		Cascade Const.			
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total		
	Contractors Adjustment	Lump Sum	0	0	0	0	0	0	0	0	250	250	-3000	-3000	0	0	2000	2000	1	1	0	0	0	0		
SUBTOTAL FOR ALTERNATE 2 DEDUCTIONS			107468		120473		119550		120118		116674.5		105214.8		121005.3		95812.5		109358.5		167187.5		145265.3			
Additive Items																										
1	Gravel path, 5 ft wide	1420 l.f.	5	7100	1.75	2485	1.55	2201	4	5680	2.5	3550	3.8	5396	1.15	1633	.9	1278	3	4260	2	2840	7.5	10650		
	Contractors Adjustment	Lump Sum	0	0	20500	20500	7000	7000	6000	6000	0	0	0	0	18000	18000	0	0	4000	4000	20000	20000	10700	10700		
SUBTOTAL FOR ALTERNATE 2 ADDITIONS			7100		22985		9201		11680		3550		5396		19633		1278		8260		22840		21350			
NET DEDUCTIVE TOTAL FOR ALTERNATE 2			100368		97488		110349		108438		113124.5		99818.8		101372.3		94534.5		101098.5		144347.5		123915.3			

BID TABULATION
 For Construction of Town Center Loop/Parkway Street and Utility Improvements
 SCHEDULE B-INTERCEPTOR (SCH.B-1)

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Const.		E. Lee Robinson		Emery & Sons		Clearwater Const		NW Earthmovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Construct.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Clearing and grubbing, Sta 9+63 to 32+40	Lump Sum	5000	5000	1000	1000	8762	8762	5000	5000	3500	3500	7235	7235	3700	3700	675	675	15000	15000	49000	49000	15000	15000
2	Clearing and grubbing, Sta 25+93 to 47+60	Lump Sum	1000	1000	3000	3000	1833	1833	2500	2500	2500	2500	1200	1200	700	700	675	675	2600	2600	48000	48000	15000	15000
3	Class A pipeline bedding	100 l.f.	25	2500	8	800	6.23	623	1	100	10	1000	13.2	1320	18	1800	19.5	1950	17	1700	3	300	9.5	950
4	Pipeline excavation below grade and backfill for foundation and stabilization	100 c.y.	20	2000	15	1500	8.8	880	15	1500	8	800	18	1800	14	1400	18.5	1850	14	1400	20	2000	12.5	1250
5	Trench select backfill in the pipe zone	800 c.y.	12	9600	10	8000	6.35	5080	7	5600	11.5	9200	13.08	10464	10.35	8280	20	16000	10	8000	10	8000	9.5	7600
6	Pipeline trench select backfill	1100 c.y.	10	11000	12	13200	6.35	6985	7.5	8250	11.5	12650	12.78	14058	13.9	15290	16.2	17820	14	15400	10	11000	8.5	9350
7	Furnish and install sanitary sewers including excavation, Class B bedding and backfill for the following sizes:																							
	F. 15-inch	1700 l.f.	30	51000	17	28900	18.4	31280	14.6	24820	20	34000	21.89	37213	21.1	35870	28.6	48620	20	34000	23.2	39440	23.5	39950
	G. 12-inch	2110 l.f.	25	52750	15	31650	17.3	36503	14.2	29962	17	35870	18.41	38845.1	15.7	33127	25.9	54649	17	35870	19.55	41250.5	26	54860
8	Furnish and install sanitary sewer branches, wyes or tees	4 ea.	30	120	65	260	28	112	100	400	45	180	42	168	175.7	702.8	110	440	100	400	50	200	55	220
9	Furnish and install 8-inch sanitary sewer laterals	910 l.f.	18	16380	13	11830	13	11830	12.2	11102	15	13650	20.08	18272.8	12.45	11329.5	20.9	19019	12	10920	14.75	13422.5	21.5	19565
10	Furnish and install 10-inch sanitary sewer laterals	3 l.f.	22	66	15	45	23	69	15	45	20	60	60	180	28.1	84.3	46	138	13	39	17	51	23	69
11	Connect to existing manhole Sta 3+87 Parkway	Lump Sum ea.	500	500	500	500	331	331	400	400	800	800	1200	1200	420	420	575	575	1300	1300	1000	1000	1050	1050
12	Furnish and install standard sanitary sewer manholes	12 ea.	1500	18000	1250	15000	786	9432	1350	16200	1250	15000	1200	14400	1370	16440	1656	19872	1800	21600	1200	14400	1525	18300

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Bonstan Const.		E. Lee Robinson		Emery & Sons		Clearwater Const		NW Earthmovers		Marshall Assoc.		Copenhagen Util.		Oregon Asphalt		Bones Construct.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
13	Exfiltration testing of 15-inch pipe	1700 l.f.	2	3400	.3	510	.2	340	1	1700	.6	1020	.45	765	.2	340	.4	680	.75	1275	3	5100	1.3	2210
14	Exfiltration testing of 12-inch pipe	2110 l.f.	2	4220	.3	633	.17	358.7	.9	1899	.5	1055	.35	738.5	.2	422	.4	844	.75	1582.5	2.5	5275	1.3	2743
15	Exfiltration testing of 8-inch pipe	860 l.f.	1	860	.2	172	.25	215	.7	602	.4	344	.25	215	.2	172	.4	344	.75	645	2	1720	1.3	1118
16	Manhole leak testing	12 ea.	100	1200	50	600	106	1272	75	900	225	2700	100	1200	126	1512	115	1380	230	2760	200	2400	125	1500
TOTAL INTERCEPTOR BID				179596		117600		115905.7		110980		134329		149274.4		131589.6		185531		154491.5		242559		190735

EXHIBIT B

FINAL PREASSESSMENT AMOUNT	\$1,674,816.00
Add City share for sewer	241,692.00
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TOTAL PROJECT FUNDS AVAILABLE	\$1,916,508.00
Less Parkway Costs	379,368.00
Less other LID #5 Costs	279,612.00
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TOTAL CONSTRUCTION BID FUNDS AVAILABLE	\$1,257,528.00

SEPARATE PROJECT - PARTIAL FAS

Parkway Aveneu Improvements

1. Street Improvements	\$169,528.00
2. Drainage Improvements	61,240.00
3. Utility Improvements	58,600.00
4. Line Extension Charge	90,000.00
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	\$379,368.00

ADDITIONAL LID #5 COSTS

1. Engineering	\$166,439.00
2. City costs	94,673.00
3. LID #5 owner reimbursement	18,500.00
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	\$279,612.00

TOTAL CONSTRUCTION BID FUNDS AVAILABLE	\$1,257,528.00
TOTAL BID AWARD Schedule A & B	<hr/> - 1,194,329.00

Admount Remaining for Additional Contingnecy. \$ 63,199.00