

RESOLUTION NO. 504

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 WILSONVILLE ROAD IMPROVEMENTS STATION 4+00 WEST TO STATION 12+50 EAST.

WHEREAS, the City Council for the City of Wilsonville, Oregon, did review and adopt Resolution No. 482, titled "A Resolution Approving the Plans and Specifications and Authorizing Staff to Advertise to Receive Sealed Bids for the Wilsonville Road Improvement Project Station 4+00 West to Station 12+50 East", at its regularly scheduled City Council meeting commencing at 7:30 o'clock p.m. Pacific Daylight Savings Time in the City Council Chambers at 30000 SW Town Center Loop East; 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, Thursday, July 11, 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 July 11, 1985, and are listed in the attached Exhibit "A"; and

WHEREAS, C. R. S. Sirrine Engineers, consulting engineers for the City of Wilsonville, have reviewed all bids received for completeness, additions and omissions and, therefore, acknowledges Clearwater Construction Company of 9414 S. W. Barbur Boulevard, Suite 2A2, Portland, Oregon 97219, as the bidder to submit the bid with the lowest qualified bid amount as shown in Exhibit "A", attached hereto and incorporated by reference as if fully set forth herein; and

WHEREAS, C. R. S. Sirrine Engineers recommends the award of the contract for the Wilsonville Road Improvement Project Station 4+00 West to Station 12+50 East, to Clearwater Construction Company of Portland, Oregon for a total bid price as follows:

Bid Items 1 through 40	\$237,669.50
Bid Items 45 and 46	2,300.00
Alternate A-1	12,110.00
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	\$252,079.50

Bid Items 41, 42, 43, and 44 will be completed on a revised schedule by unit prices and Alternate 2 and 4 will be negotiated as a change order with Clearwater Construction Company if an agreeable price can be reached.

WHEREAS, the Accounting Director has reviewed the fund(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 complete 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: Clearwater Construction Company

ADDRESS: 944 S. W. Barbur Boulevard Suite 2A2

CITY: Portland, Oregon 97219

For a total bid price of: _____

For a project known as: Wilsonville Road

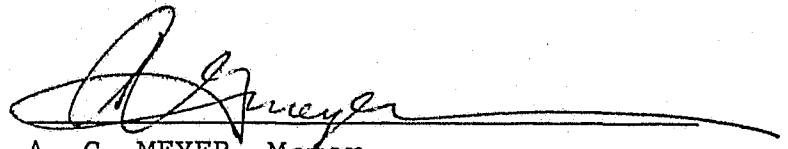
Improvement Project Station 4 00 West to

Station 12+50 East

payment of field changes.


6. 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 5th day of August, 1985, and filed with the City Recorder this same date.



A. G. MEYER, Mayor

ATTEST:



DEANNA J. THOM, City Recorder

EXHIBIT "A"

TABULATION OF BIDS For Construction of Wilsonville Road Improvements

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Clearwater Const.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Clearing and grubbing, east side (Phase 1)	Lump Sum	1500	1500	9000	9000	2000	2000
2	Clearing and grubbing, west side (Phase 2)	Lump Sum	2500	2500	9000	9000	2000	2000
3	Pavement demolition	290 c.y.	10	2900	27	7830	17	4930
4	Curb demolition	1200 l.f.	2.5	3000	2	2400	1.25	1500
5	Sidewalk demolition	90 c.y.	30	2700	30	2700	17	1530
* 6	Class A pipeline bedding	100 l.f.	25	2500	25	2500	8.5	850
* 7	Pipeline excavation below grade and backfill for foundation and stabilization	100 c.y.	20	2000	12	1200	19	1900
8	Trench select backfill in the pipe zone	350 c.y.	12	4200	12	4200	18	6300
9	Pipeline trench select backfill	1300 c.y.	10	13000	12	15600	12.5	16250
10	Subgrade excavation and leveling course for sidewalks	55 c.y.	25	1375	15	825	32	1760
* 11	Excavation and select backfill below subgrade	200 c.y.	20	4000	12	2400	8.5	1700
12	Crushed aggregate for roadway base	1600 c.y.	15	24000	16.5	26400	23	36800
13	Crushed aggregate for roadway leveling course	220 c.y.	16.5	3630	17.5	3850	23	5060
* 14	Asphalt concrete patch	50 c.y.	70	3500	100	5000	120	6000
15	Sealing compound	50 gal.	20	1000	5	250	23	1150
16	Asphalt concrete	1100 ton	32	35200	37	40700	29.65	32615
17	Concrete curbs	1620 l.f.	4	6480	4.7	7614	6	9720
18	Sidewalk and driveway	900 s.y.	18	16200	19	17100	13	11700
19	Removal of existing pavement markings	Lump Sum	2000	2000	1500	1500	2000	2000

TABULATION OF BIDS

For Construction of Wilsonville Road Improvements

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Clearwater Const.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total
20	Pavement marking							
	A. Centerline stripe	600 l.f.	.35	210	.33	198	.3	180
	B. Lane line	500 l.f.	.2	100	.2	100	.15	75
	C. Turning lane separation line	250 l.f.	.35	87.5	.35	87.5	.3	75
	D. Pavement arrows	22 ea.	180	3960	60	1320	55	1210
	E. Legend	8 ea.	190	1520	135	1080	125	1000
	F. Crosswalk lines	440 l.f.	5	2200	4.5	1980	4	1760
21	Pavement markers							
	A. Mono-reflectorized markers, white	80 ea.	1.5	120	4.5	360	4	320
	B. Dual-reflectorized markers, yellow	120 ea.	1.5	180	5	600	4.5	540
	C. Non-reflectorized markers, yellow or white	400 ea.	1	400	3	1200	2.5	1000
22	Signing							
	A. Street name sign	5 s.f.	25	125	20	100	42	210
	B. Traffic control sign wood post	105 s.f.	25	2625	18	1890	22	2310
	C. Traffic control sign pipe post	10 s.f.	30	300	19	190	17.5	175
	D. Remove existing street signs	11 ea.	50	550	30	330	15	165
	E. Replace existing street signs	9 ea.	200	1800	30	270	44	396
23	Furnish and install storm sewers including excavation, Class B bedding and backfill for the following sizes:							
	A. 18-inch	410 l.f.	30	12300	15	6150	46	18860
	B. 15-inch	450 l.f.	25	11250	14	6300	45	20250
24	Furnish and install 10-inch storm sewer branches, wyes or tees	2 ea.	100	200	200	400	100	200
25	Furnish and install 12-inch storm sewer laterals	120 l.f.	20	2400	15	1800	40	4800
26	Furnish and install 10-inch storm sewer laterals	120 l.f.	18	2160	14	1680	39	4680
27	Connect new 18-inch storm sewer to manhole	Lump Sum	500	500	1000	1000	300	300

TABULATION OF BIDS
For Construction of Wilsonville Road Improvements

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Clearwater Const.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total
28	Connect to existing 12-inch storm sewer	7 ea.	400	2800	300	2100	200	1400
29	Furnish and install std. storm sewer manhole	1 ea.	1200	1200	1500	1500	2500	2500
30	Furnish and install flat top storm sewer manhole	1 ea.	1000	1000	1000	1000	2000	2000
31	Furnish and install storm sewer catch basins	9 ea.	450	4050	530	4770	520	4680
32	Remove existing storm sewer catch basins	7 ea.	250	1750	150	1050	200	1400
33	Connect to existing 6-inch hydrant line or valve	2 ea.	250	500	800	1600	750	1500
34	Relocate existing fire hydrants	2 ea.	500	1000	400	800	1500	3000
35	Furnish and install 6-inch water line complete, including Class B bedding	40 l.f.	20	800	30	1200	42	1680
36	Furnish and install 15-inch sanitary sewer including excavation, Class B bedding and backfill	690 l.f.	38	26220	40	27600	47.5	32775
37	Connection and manhole at Sta. 2+80.75	Lump Sum	2000	2000	4000	4000	2500	2500
38	Furnish and install standard sanitary sewer manholes	2 ea.	1500	3000	2000	4000	2500	5000
39	Exfiltration testing of 15-inch pipe	690 l.f.	1	690	.5	345	2	1380
40	Manhole leak testing	2 ea.	100	200	300	600	500	1000
41	Furnish and install lighting junction boxes	2 ea.	50	100	220	440	175	350
SUBTOTAL THRU ITEM 41				\$ 219,982.5		\$ 238,109.5		\$ 265,436

TABULATION OF BIDS
For Construction of Wilsonville Road Improvements

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Clearwater Const.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total
42	Furnish and install underground electrical conduits, including excavation, bedding and backfill for the following sizes and combinations:							
	A. Two 6-inch conduits	1250 l.f.	8	10000	13	16250	14	17500
	B. One 6-inch conduit	620 l.f.	4	2480	10.5	6510	8.5	5270
	C. Four 4-inch conduits	1150 l.f.	8	9200	16	18400	16	18400
	D. Three 4-inch conduits	900 l.f.	6	5400	11.5	10350	13	11700
	E. Two 4-inch conduits	1700 l.f.	4	6800	8	13600	8.5	14450
	F. One 4-inch conduit	280 l.f.	3	840	11.5	3220	5.5	1540
	G. One 2-inch conduit	2140 l.f.	2	4280	5	10700	2.5	5350
43	Furnish and install underground electrical conduits in concrete encasement for the following sizes:							
	A. Six 4-inch conduits	470 l.f.	24	11280	33	15510	41	19270
	B. Four 4-inch conduits	150 l.f.	16	2400	25	3750	36	5400
	C. Two 4-inch conduits	220 l.f.	8	1760	15	3300	32	7040
44	Furnish and install electrical vaults, including excavation, bedding and backfill for the following sizes:							
	A. 5106 LA	4 ea.	3300	13200	3900	15600	3500	14000
	B. 577 LA	5 ea.	1500	7500	2500	12500	1850	9250
	C. 5106 TA	1 ea.	3300	3300	3400	3400	3000	3000
SUBTOTAL ITEMS 42,43,44				78,440		133,090		132,170
45	Furnish and install barricade	80 l.f.	15	1200	25	2000	22	1760
46	Furnish and install 8-inch sanitary sewer including excavation, Class B bedding and backfill and plug	10 l.f.	20	200	30	300	50	500
TOTAL BASE BID				299822.5		373499.5		399866

STABILIZATION OF BIDS
 For Construction of Wilsonville Road Improvements

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Clearwater Const.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total
Alt. A1 Overlay of Wilsonville Road (West)								
A	Asphalt concrete patch	20 c.y.	70	1400	100	2000	120	2400
B	Sealing compound	20 gal.	20	400	5	100	23	460
C	Asphalt concrete	870 ton 260	32	27840 8320	38.5	33495 10010	29.65	25795.5 7709
TOTAL FOR A1				29640 10120		35895 12110		28685.5 10569
Alt. A2 Conduit and vaults east of Town Center Loop West								
A	Furnish and install underground electrical conduits, including excavation, bedding and backfill for the following sizes and combinations:							
	1. Two 6-inch conduits	1350 l.f.	8	10800	10	13500	12	16200
	2. Three 4-inch conduits	1350 l.f.	6	8100	8.5	11475	12	16200
	3. One 2-inch conduit	1350 l.f.	2	2700	4.5	6075	6	8100
B	Furnish and install electrical vaults, including excavation, bedding and backfill for the following sizes:							
	1. 5106 LA	3 ea.	3300	9900	3900	11700	4000	12000
	2. 506 LA	1 ea.	1500	1500	1600	1600	1500	1500
TOTAL FOR A2				33000		44350		54000

TASULATION OF BIDS
 For Construction of Wilsonville Road Improvements

Contract Item No.	Description	Est. Qty.	Engineer Estimate		Clearwater Const.		Cascade Const.	
			Unit Price	Total	Unit Price	Total	Unit Price	Total
Alt. A3	Overlay Wilsonville Road/ Boones Ferry Road Intersection and Reconstruct Wilsonville Road							
A	Pavement demolition	200 c.y.	10	2000	27	5400	17	3400
B	Excavation and backfill below subgrade	100 c.y.	20	2000	8	800	19	1900
C	Crushed aggregate for roadway base	1650 c.y.	15	24750	14.5	23925	23	37950
D	Crushed aggregate for roadway leveling course	185 c.y.	16.5	3052.5	15.5	2867.5	23	4255
E	Asphalt concrete	870 ton	32	27840	37.5	32625	29.65	25795.5
F	Pavement Marking and Signing							
	1. Mono-reflectorized markers, white	90 ea.	1.5	135	4.5	405	4	360
	2. Dual-reflectorized markers, yellow	200 ea.	1.5	300	5	1000	4.5	900
	3. Non-reflectorized markers, yellow or white	600 ea.	1	600	3	1800	2.5	1500
	4. Pavement arrows	15 58 ea.	180	9900 2700	50	2700 750	45	2475 675
	5. Legend	4 ea.	190	760	135	540	125	500
	6. Crosswalk lines	620 l.f.	5	3100	5	3100	4	2480
	7. Traffic control sign (wood post)	15 s.f.	30	450	20	300	24	360
	TOTAL FOR A3			74887.5 67687.5		75512.5 73512.5		81875.5 80075.5
Alt. A4	Installation of Traffic Signal Detector Loops							
	1. Furnish and install loop feeder cable	1000 l.f.			7.5	7500	5.5	5500
	2. Furnish and install loop wire	300 l.f.			7.5	2250	5.5	1650
	3. Furnish and install junction boxes	3 ea			220	660	225	675
	4. Furnish and install one 1-inch conduit	200 l.f.			3.5	700	4.5	900
	TOTAL FOR A4					11110		8725
	TOTAL FOR ALL ADDITIVE ALTERNATES					141,082.5 144567.5		153,369.5 173255



EXHIBIT "B"

CRS SIRRINE

July 31, 1985

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

Attention: Mr. Larry Blanchard, Public Works Director

Subject: Wilsonville Road Improvements
Construction Bids
CRS SIRRINE Job No. N01090

Gentlemen:

On July 11, 1985, two bids were received for the subject project. A tabulation of the bids is attached. The bids are summarized as follows:

	<u>Clearwater Construction Co.</u>	<u>Cascade Construction Co.</u>
Base Bid Amount	\$373,499.50	\$399,866
Total of Additive Alternatives	\$166,567.50	\$173,256

Both bids were substantially above our estimate of approximately \$300,000 for base bid items. As we discussed with you in our detailed review of each bid item, the most significant difference between the bids and our estimate is in the electrical items. Excluding the electrical items (bid items 41, 42, 43, and 44), the total base bid compare as follows:

	<u>Engineers' Estimate</u>	<u>Clearwater Construction</u>	<u>Cascade Construction</u>
Base Bid Items Excluding Electrical	\$221,282.50	\$239,969.50	\$267,346.00

We believe the low bid of Clearwater Construction, excluding electrical items, to be a reasonable bid given the time of year when bids were taken and the fact that only two bidders responded. We recommend award to Clearwater Construction Company as the low responsive bidder.

As we also discussed, it is desirable to also proceed with Additive Alternate A1 as part of the contract. The corrected quantity for asphalt concrete for this alternate is 260 ton, making the corrected bid amount \$12,110.00.

City of Wilsonville
July 31, 1985
Page Two

Regarding the electrical items, we have issued a revised schedule of quantities to the low bidder in an attempt to more clearly segregate and define the electrical work. By doing so, the City retains the option to add the electrical work by change order or contract for it separately. Initial indications are that the revised schedule of quantities will result in at least a \$20,000 decrease in the cost of electrical base bid items.

If you have any further questions regarding the bids, please contact us.

Very truly yours,

CRS Serrine, Inc.



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

SES:kpw