



proud past, promising future

CLARK COUNTY
WASHINGTON

GENERAL SERVICES

Office of Purchasing

TO: County Manager

FROM: Michael Westerman, Purchasing Manager 

DATE: June 16, 2016

SUBJECT: Award of WO 402261 & 402298 – Sorenson Neighborhood Park & Tower Crest Neighborhood Park

Sorenson Neighborhood Park: The 4.82-acre park will include play equipment in separate age-differentiated play areas, grading, drainage, seeding, landscaping, asphalt, half-size basketball court, wood chip loop paths, partial irrigation, nature play area, picnic tables and benches. NW 26th Avenue frontage will be improved, with detached sidewalk, curb, gutter and complete half-street construction.

Tower Crest Neighborhood Park: The 2.9-acre park will include play equipment in separate age-differentiated play areas, grading, drainage, seeding, landscaping, asphalt, wood chip loop paths, partial irrigation, nature play area, picnic tables and benches. NE 54th Street frontage will be improved, with detached sidewalk, curb, gutter and partial half-street construction. The project was designed with a natural theme that preserves the area's existing vegetation and character.

Seven potential bidders reviewed the plans and specifications for WO 402261 & 402298 of which Purchasing received a sole response. The bid was checked for accuracy, content, and compliance to specifications.

Purchasing and Public Works recommend Sorenson Neighborhood Park & Tower Crest Neighborhood Park be awarded to the sole bidder meeting all specifications, Robertson & Olson, Inc. of Vancouver, WA, in the total bid amount of \$934,671.77 including Washington State Sales Tax, and grant authority to the County Manager to sign all bid related contracts.


Mark McCauley, County Manager


Date Approved



proud past, promising future

CLARK COUNTY
WASHINGTON

MEMORANDUM

TO: Michael Westerman, Purchasing Manager

FROM: Dave Dolan, P.L.S., P.E., Construction Manager *WDL*
for
Heath Henderson, P.E., Director/County Engineer

DATE: June 16, 2016

REF: Sorenson Neighborhood Park & Tower Crest Neighborhood Park
Work Order #: 402261 & 402298

SUBJECT: BID AWARD

Description of work Sorenson Neighborhood Park: The 4.82-acre park will include play equipment in separate age-differentiated play areas, grading, drainage, seeding, landscaping, asphalt, half-size basketball court, wood chip loop paths, partial irrigation, nature play area, picnic tables and benches. NW 26th Avenue frontage will be improved, with detached sidewalk, curb, gutter and complete half-street construction.

Description of work Tower Crest Neighborhood Park: The 2.9-acre park will include play equipment in separate age-differentiated play areas, grading, drainage, seeding, landscaping, asphalt, wood chip loop paths, partial irrigation, nature play area, picnic tables and benches. NE 54th Street frontage will be improved, with detached sidewalk, curb, gutter and partial half-street construction. The project was designed with a natural theme that preserves the area's existing vegetation and character.

Below is a brief summary of the costs for the Sorenson & Tower Crest Neighborhood Park project:

Sorenson Neighborhood Park Expenses

Design/Engineering	\$176,203.00
Construction Contract (Bid Amount)	\$589,384.57
Owner Provided Items	\$46,818.00
Construction Mgt/Engineering/Survey	\$59,100.00
Total Project Estimated Cost	\$871,505.57

Tower Crest Neighborhood Park Expenses

Design/Engineering	\$168,000.00
Construction Contract (Bid Amount)	\$345,287.20
Owner Provided Items	\$36,363.00
Construction Mgt/Engineering/Survey	\$56,750
Total Project Estimated Cost:	\$606,400.20

Budgeted Revenue

Park Impact Fees	
Total Budgeted Revenues:	\$1,477,905.70

This project will provide **9** family wage jobs for the community.

The Department of Public Works has reviewed the submitted bids for the proposed construction of the above subject project.

The bids have been checked for accuracy and compliance with the bidding requirements.

One (1) firm submitted bids in the amounts shown on the attached Tabulation of Bids and Bidders. The low bid of **\$934,671.77** was submitted by **Robertson & Olson, Inc. of Vancouver, Washington**.

We recommend that the Board of County Councilors award the contract for the construction of Sorenson & Tower Crest Neighborhood Park, Work Order NOS. 402261 & 402298, to Robertson & Olson, Inc. in the amount of \$934,671.77.

Attachment: 1) Tabulated Bids
2) Aerial Map

cc w/enc: Susan Wilson - Transportation Programming Manager
Amanda Miller - Auditor/Accounting
Scot Brantley - Project Manager/Project Engineer
Matt Hall – Project Management Manager
Tom Grange – Engineering & Construction Division Manager
Heath Henderson – Public Works Director/County Engineer
Bill Bjerke – Parks Manager
Project File – Contract
Project File – Correspondence



SORENSEN NEIGHBORHOOD PARK



TOWER CREST NEIGHBORHOOD PARK

BID TABULATION
Clark County Public Works - Engineering and Construction Division
Clark County, Washington

Project Name: Sorenson Neighborhood Park & Tower Crest Neighborhood Park
 Project Number: WO #402281 & 402298
 Bid Opening Date: June 14, 2018

ENGINEER'S ESTIMATE	BIDDER #1 Robertson & Olsen, Inc. 4600 NW Camas Meadows Dr. Vancouver, WA 98607 360-699-4724
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BID ITEM NO.	SPEC. SECTION	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
SCHEDULE A - BASE BID								
Park Improvements - Sorenson Neighborhood Park (W.O. No. 402281)								
1	1-09.7	MOBILIZATION	L.S.	1	\$28,000.00	\$28,000.00		\$0.00
2	1-05.4	CONSTRUCTION SURVEYING	L.S.	1	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00
3	1-07.16	SPCC PLAN	L.S.	1	\$500.00	\$500.00	\$1,000.00	\$1,000.00
4	1-10	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00
5	2-12	CONSTRUCTION GEOTEXTILE FOR SEPARATION	S.Y.	880	\$1.00	\$880.00	\$1.50	\$1,320.00
6	4-04	CRUSHED SURFACING RESERVOIR COURSE	C.Y.	246	\$36.50	\$8,979.00	\$58.00	\$14,268.00
7	4-04	CRUSHED SURFACING CHOKER COURSE	C.Y.	37	\$36.50	\$1,350.50	\$34.00	\$1,258.00
8	5-04	HMA CL. 1/2 IN. PG 64-22	TON	49	\$100.00	\$4,900.00	\$148.00	\$7,252.00
9	5-04	PHMA CL. 1/2 IN. PG 70-22ER	TON	300	\$150.00	\$45,000.00	\$131.00	\$39,300.00
10	5-06	PERVIOUS CEMENT CONC. SIDEWALK (4 IN.)	S.Y.	181	\$42.00	\$7,602.00	\$64.00	\$11,584.00
11	5-06	PERVIOUS CEMENT CONC. SIDEWALK (6 IN.)	S.Y.	197	\$62.00	\$12,214.00	\$80.00	\$15,760.00
12	7-04	STORM SEWER PIPE 12 IN. DIAM.	L.F.	197	\$61.00	\$12,017.00	\$50.00	\$9,850.00
13	7-04	STORM SEWER PIPE 18 IN. DIAM.	L.F.	97	\$72.00	\$6,984.00	\$58.00	\$5,626.00
14	7-04	PLAYGROUND UNDERDRAINAGE	L.S.	1	\$1,500.00	\$1,500.00	\$2,400.00	\$2,400.00
15	7-05	CATCH BASIN TYPE 2 54 IN. DIAM.	EACH	1	\$4,000.00	\$4,000.00	\$3,800.00	\$3,800.00
16	7-05	CONCRETE DITCH INLET	EACH	1	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00
17	7-05	OUTFALL PROTECTION	EACH	4	\$500.00	\$2,000.00	\$600.00	\$2,400.00
18	8-01	ESC LEAD	DAY	15	\$100.00	\$1,500.00	\$200.00	\$3,000.00
19	8-01	STABILIZED CONSTRUCTION ENTRANCE	S.Y.	250	\$20.00	\$5,000.00	\$12.00	\$3,000.00
20	8-01	INLET PROTECTION	EACH	3	\$80.00	\$240.00	\$200.00	\$600.00
21	8-01	SILT FENCE	L.F.	1333	\$2.00	\$2,666.00	\$5.00	\$6,665.00
22	8-01	EROSION CONTROL AND SPILL PREVENTION REINSPECTION FEE	EACH	1	(\$100.00)	-\$100.00	-\$100.00	-\$100.00
23	8-04	CEMENT CONC. PLAY CURB	L.F.	322	\$28.00	\$9,016.00	\$28.00	\$9,016.00
24	8-21	PERMANENT SIGNING	L.S.	1	\$350.00	\$350.00	\$9,000.00	\$9,000.00
25	8-22	PAINT LINE	L.F.	300	\$2.25	\$675.00	\$5.00	\$1,500.00
26	8-22	PAINTED ACCESS PARKING SPACE SYMBOL	EACH	1	\$50.00	\$50.00	\$250.00	\$250.00
27	15639.00	TEMPORARY TREE AND PLANT PROTECTION	L.S.	1	\$7,647.00	\$7,647.00	\$5,000.00	\$5,000.00
28	27800.00	UNIT PAVER TYPE 1	S.F.	96	\$22.00	\$2,112.00	\$35.00	\$3,360.00
29	28300.00	END POST FOR CHAIN LINK FENCE	L.S.	1	\$250.00	\$250.00	\$165.00	\$165.00
30	129300	PARK ENTRY SIGN	EACH	1	\$1,600.00	\$1,600.00	\$4,700.00	\$4,700.00
31	129300	PARK RULE SIGN	EACH	2	\$1,500.00	\$3,000.00	\$220.00	\$440.00
32	129300	PLAY EQUIPMENT INSTALLATION (Owner Provided)	L.S.	1	\$12,906.00	\$12,906.00	\$11,800.00	\$11,800.00
33	129300	BENCH TYPE 1 INSTALLATION (Owner Provided)	EACH	3	\$300.00	\$900.00	\$200.00	\$600.00
34	129300	BIKE RACK INSTALLATION (Owner Provided)	EACH	2	\$180.00	\$360.00	\$200.00	\$400.00
35	129300	TRASH RECEPTACLE INSTALLATION (Owner Provided)	EACH	1	\$170.00	\$170.00	\$200.00	\$200.00
36	129300	PICNIC TABLE TYPE 1	EACH	2	\$2,715.00	\$5,430.00	\$3,800.00	\$7,600.00

BID TABULATION
Clark County Public Works - Engineering and Construction Division
Clark County, Washington

Project Name: Soranson Neighborhood Park & Tower Crest Neighborhood Park
 Project Number: WO #402261 & 402298
 Bid Opening Date: June 14, 2016

ENGINEER'S ESTIMATE	BIDDER #1 Robertson & Olsen, Inc. 4600 NW Camas Meadows Dr. Vancouver, WA 98607 360-699-4724
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BID ITEM NO	SPEC SECTION	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
37	129300	BOLLARD INSTALLATION - REMOVABLE (Owner Provided)	EACH	3	\$265.00	\$795.00	\$500.00	\$1,500.00
38	129300	BASKETBALL HOOP ASSEMBLY	EACH	1	\$3,372.00	\$3,372.00	\$2,957.36	\$2,957.36
39	129300	LANDSCAPE BOULDERS	L.S.	1	\$4,700.00	\$4,700.00	\$35,000.00	\$35,000.00
40	129300	FLOWER PLAY INSTALLATION	L.S.	1	\$5,500.00	\$5,500.00	\$18,000.00	\$18,000.00
41	129300	DRAGON PLAY INSTALLATION	L.S.	1	\$4,500.00	\$4,500.00	\$18,000.00	\$18,000.00
42	129300	LOG BENCH	L.S.	1	\$500.00	\$500.00	\$3,500.00	\$3,500.00
43	129300.00	ROUND BOULDER SEATING	L.S.	1	\$750.00	\$750.00	\$3,000.00	\$3,000.00
44	129300	PLAY AREA SURFACING	L.S.	1	\$15,525.00	\$15,525.00	\$7,600.00	\$7,600.00
45	129300	DRINKING FOUNTAIN	EACH	1	\$5,595.00	\$5,595.00	\$4,400.00	\$4,400.00
46	311000.00	SITE CLEARING	ACRE	3.2	\$5,010.00	\$16,032.00	\$3,500.00	\$11,200.00
47	312000.00	EARTHWORK EXCAVATION	C.Y.	2595	\$17.00	\$44,115.00	\$18.00	\$46,710.00
48	312000.00	TOPSOIL (Imported)	C.Y.	607	\$35.00	\$21,245.00	\$22.00	\$13,354.00
49	321300.00	CONC. RAMP (at Play Area)	EACH	2	\$1,200.00	\$2,400.00	\$800.00	\$1,600.00
50	321300.00	CONC. SURFACE (4 IN.)	S.Y.	73	\$32.00	\$2,336.00	\$48.00	\$3,504.00
51	328400.00	IRRIGATION SYSTEM	L.S.	1	\$20,812.00	\$20,812.00	\$43,000.00	\$43,000.00
52	328400.00	ELECTRICAL SERVICE	L.S.	1	\$10,000.00	\$10,000.00	\$0.00	\$0.00
53	329300.00	BARK MULCH (3 In. Deep)	C.Y.	98	\$42.00	\$4,116.00	\$39.00	\$3,822.00
54	329300.00	SOIL PREPARATION (Seeded Area)	S.Y.	11334	\$1.00	\$11,334.00	\$0.55	\$6,233.70
55	329300.00	SOIL PREPARATION (Shrub Area)	S.Y.	1183	\$1.10	\$1,301.30	\$0.55	\$650.65
56	329200.00	SEEDING TYPE A (Irrigated lawn)	S.Y.	3109	\$0.60	\$1,865.40	\$0.63	\$1,958.67
57	329200.00	SEEDING TYPE B (Non-irrigated lawn)	S.Y.	4105	\$0.65	\$2,668.25	\$0.94	\$3,858.70
58	329200.00	SEEDING TYPE C (Non-irrigated meadow mix)	S.Y.	4120	\$0.65	\$2,678.00	\$0.44	\$1,812.80
59	329300.00	PLANTINGS - SHRUBS AND GROUND COVER, 1 GAL	EACH	183	\$6.00	\$1,098.00	\$10.00	\$1,830.00
60	329300.00	PLANTINGS - SHRUBS AND GROUND COVER, 2 GAL	EACH	21	\$12.00	\$252.00	\$29.00	\$609.00
61	329300.00	PLANTINGS - SHRUBS AND GROUND COVER, 5 GAL	EACH	21	\$15.00	\$315.00	\$29.00	\$609.00
62	329300.00	TREE - DECIDUOUS (Vine Maple, 4'-6' multi-trunk)	EACH	10	\$75.00	\$750.00	\$63.00	\$630.00
63	329300.00	TREE - DECIDUOUS, 2 IN. CALIPER	EACH	43	\$250.00	\$10,750.00	\$360.00	\$15,480.00
64	329300.00	TREE - EVERGREEN, 6 FT. - 8 FT.	EACH	38	\$120.00	\$4,560.00	\$170.00	\$6,460.00
SCHEDULE A SUBTOTAL						\$402,163.45		\$454,793.88
WASHINGTON STATE SALES TAX at 8.40%						\$33,781.73		\$38,202.69
SCHEDULE A TOTAL						\$435,945.18		\$492,996.57
SCHEDULE B - BASE BID								
Roadway Improvements - Soranson Neighborhood Park (W.O. No. 402261)								
65	1-09.7	MOBILIZATION	L.S.	1	\$4,990.00	\$4,990.00	\$22,800.00	\$22,800.00
66	1-10	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$1,500.00	\$1,500.00	\$1,100.00	\$1,100.00
67	2-01	CLEARING AND GRUBBING	L.S.	1	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00

BID TABULATION
Clark County Public Works - Engineering and Construction Division
Clark County, Washington

Project Name: Sorenson Neighborhood Park & Tower Crest Neighborhood Park
 Project Number: WO #402261 & 402298
 Bid Opening Date: June 14, 2016

ENGINEER'S ESTIMATE	BIDDER #1 Robertson & Olsen, Inc. 4600 NW Camas Meadows Dr. Vancouver, WA 98607 360-699-4724
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BID ITEM NO.	SPEC. SECTION	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
68	2-02	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
69	2-03	ROADWAY EXCAVATION INCL. HAUL	C.Y.	180	\$20.00	\$3,600.00	\$30.00	\$5,400.00
70	4-04	CRUSHED SURFACING BASE COURSE	C.Y.	52	\$21.00	\$1,092.00	\$33.00	\$1,716.00
71	4-04	CRUSHED SURFACING RESERVOIR COURSE	C.Y.	43	\$36.50	\$1,569.50	\$33.00	\$1,419.00
72	5-04	HMA CL. 1/2 IN. PG 64-22	TON	65	\$100.00	\$6,500.00	\$155.00	\$10,075.00
73	5-06	PERVIOUS CEMENT CONC. SIDEWALK (4 IN.)	S.Y.	121	\$42.00	\$5,082.00	\$48.00	\$5,808.00
74	5-06	PERVIOUS CEMENT CONC. SIDEWALK (6 IN.)	S.Y.	137	\$62.00	\$8,494.00	\$54.00	\$7,398.00
75	7-04	STORM SEWER PIPE 12 IN. DIAM.	L.F.	207	\$61.00	\$12,627.00	\$42.00	\$8,694.00
76	7-05	MANHOLE 48 IN. DIAM. TYPE 1	EACH	1	\$2,600.00	\$2,600.00	\$3,500.00	\$3,500.00
77	7-00	STORMWATER FILTER CATCHBASIN UNIT TYPE 2 CARTRIGE CATCH	EACH	1	\$10,000.00	\$10,000.00	\$11,900.00	\$11,900.00
78	8-04	CEMENT CONC. TRAFFIC CURB	L.F.	310	\$14.00	\$4,340.00	\$22.00	\$6,820.00
79	8-06	CEMENT CONC. APPROACH TYPE 2	S.Y.	37	\$39.00	\$1,443.00	\$74.00	\$2,738.00
80	8-14	SIDEWALK BARRICADE	EACH	2	\$500.00	\$1,000.00	\$610.00	\$1,220.00
SCHEDULE B TOTAL						\$67,337.50		\$96,388.00

SCHEDULE C - ADDITIVE 1								
Park Improvements - Tower Crest Neighborhood Park (W.O. No. 402298)								
BID ITEM NO.	SPEC. SECTION	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
81	1-09.7	MOBILIZATION	L.S.	1	\$36,000.00	\$36,000.00	\$8,700.00	\$8,700.00
82	1-05.4	CONSTRUCTION SURVEYING	L.S.	1	\$10,000.00	\$10,000.00	\$4,300.00	\$4,300.00
83	1-07.15	SPCC PLAN	L.S.	1	\$500.00	\$500.00	\$250.00	\$250.00
84	2-12	CONSTRUCTION GEOTEXTILE FOR SEPARATION	S.Y.	275	\$1.00	\$275.00	\$2.75	\$756.25
85	4-04	CRUSHED SURFACING RESERVOIR COURSE	C.Y.	180	\$36.50	\$6,570.00	\$60.00	\$10,800.00
86	4-04	CRUSHED SURFACING CHOKER COURSE	C.Y.	30	\$36.50	\$1,095.00	\$30.00	\$900.00
87	5-04	PHMA CL. 1/2 IN. PG 70-22ER	TON	157	\$150.00	\$23,550.00	\$150.00	\$23,550.00
88	5-06	PERVIOUS CEMENT CONC. SIDEWALK (4")	S.Y.	21	\$42.00	\$882.00	\$62.00	\$1,302.00
89	5-06	PERVIOUS CEMENT CONC. SIDEWALK (6")	S.Y.	168	\$62.00	\$10,416.00	\$75.00	\$12,600.00
90	7-04	PLAYGROUND UNDERDRAINAGE	L.S.	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
91	8-01	ESC LEAD	DAY	15	\$100.00	\$1,500.00	\$20.00	\$300.00
92	8-01	STABILIZED CONSTRUCTION ENTRANCE	S.Y.	222	\$15.00	\$3,330.00	\$15.00	\$3,330.00
93	8-01	SILT FENCE	L.F.	595	\$2.00	\$1,190.00	\$4.00	\$2,380.00
94	8-01	EROSION CONTROL AND SPILL PREVENTION REINSPECTION FEE	EACH	1	(\$100.00)	-\$100.00	-\$100.00	-\$100.00
95	8-04	CEMENT CONC. PLAY CURB	L.F.	283	\$28.00	\$7,924.00	\$22.00	\$6,226.00
96	15639.00	TEMPORARY TREE AND PLANT PROTECTION	L.S.	1	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00
97	28300.00	FENCING, 3' CHAIN LINK	L.F.	365	\$15.00	\$5,475.00	\$32.00	\$11,680.00
98	129300.00	SEGMENTAL RETAINING WALL	F.F.	551	\$30.00	\$16,530.00	\$65.00	\$35,815.00
99	129300.00	PARK ENTRY SIGN	EACH	1	\$1,600.00	\$1,600.00	\$4,700.00	\$4,700.00
100	129300.00	PARK RULE SIGN	EACH	2	\$1,500.00	\$3,000.00	\$200.00	\$400.00

BID TABULATION
Clark County Public Works - Engineering and Construction Division
Clark County, Washington

Project Name: Sorenson Neighborhood Park & Tower Crest Neighborhood Park
 Project Number: WO #402261 & 402298
 Bid Opening Date: June 14, 2016

ENGINEER'S ESTIMATE	BIDDER #1 Robertson & Olsen, Inc. 4600 NW Camas Meadows Dr. Vancouver, WA 98607 360-699-4724
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BID ITEM NO.	SPEC SECTION	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
101	129300.00	PLAY EQUIPMENT INSTALLATION (Owner Provided)	L.S.	1	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
102	129300.00	BENCH TYPE 1 INSTALLATION (Owner Provided)	EACH	3	\$500.00	\$1,500.00	\$200.00	\$600.00
103	129300.00	TRASH RECEPTACLE INSTALLATION (Owner Provided)	EACH	1	\$250.00	\$250.00	\$400.00	\$400.00
104	129300.00	PICNIC TABLE TYPE 1	EACH	1	\$2,715.00	\$2,715.00	\$4,000.00	\$4,000.00
105	129300.00	BOLLARD INSTALLATION - REMOVABLE (Owner Provided)	EACH	2	\$250.00	\$500.00	\$500.00	\$1,000.00
106	129300.00	LANDSCAPE BOULDERS	L.S.	1	\$2,000.00	\$2,000.00	\$18,000.00	\$18,000.00
107	129300.00	LOG INSTALLATION	L.S.	1	\$4,400.00	\$4,400.00	\$11,000.00	\$11,000.00
108	129300.00	LILY PAD INSTALLATION	EACH	78	\$50.00	\$3,900.00	\$70.00	\$5,460.00
109	129300.00	DRINKING FOUNTAIN	EACH	1	\$5,595.00	\$5,595.00	\$4,400.00	\$4,400.00
110	129300.00	PLAY AREA SURFACING	L.S.	1	\$7,040.00	\$7,040.00	\$7,700.00	\$7,700.00
111	311000.00	SITE CLEARING	ACRE	0.7	\$50,142.00	\$35,099.40	\$4,000.00	\$2,800.00
112	312000.00	EARTHWORK EXCAVATION	C.Y.	475	\$10.00	\$4,750.00	\$18.00	\$8,550.00
113	312000.00	TOPSOIL (Imported)	C.Y.	100	\$20.00	\$2,000.00	\$20.00	\$2,000.00
114	321300.00	CONC. RAMP (at Play Area)	EACH	2	\$1,600.00	\$3,200.00	\$800.00	\$1,600.00
115	325140.00	WOOD CHIP SURFACING	L.S.	1	\$252.00	\$252.00	\$3,600.00	\$3,600.00
116	328400.00	IRRIGATION SYSTEM	L.S.	1	\$6,000.00	\$6,000.00	\$30,000.00	\$30,000.00
117	328400.00	ELECTRICAL SERVICE	L.S.	1	\$10,000.00	\$10,000.00	\$13,500.00	\$13,500.00
118	329300.00	BARK MULCH (3 In. Deep)	C.Y.	62	\$36.00	\$2,232.00	\$40.00	\$2,480.00
119	329300.00	SOIL PREPARATION (Seeded Area)	S.Y.	2751	\$0.70	\$1,925.70	\$0.65	\$1,788.15
120	329300.00	SOIL PREPARATION (Shrub Area)	S.Y.	470	\$1.50	\$705.00	\$0.65	\$305.50
121	329200.00	SEEDING TYPE A	S.Y.	2751	\$0.60	\$1,650.60	\$0.70	\$1,925.70
122	329300.00	PLANTINGS - SHRUBS AND GROUNDCOVER, 1 GAL	EACH	430	\$6.00	\$2,580.00	\$11.00	\$4,730.00
123	329300.00	PLANTINGS - SHRUBS AND GROUNDCOVER, 2 GAL	EACH	75	\$12.00	\$900.00	\$18.00	\$1,350.00
SCHEDULE C SUBTOTAL						\$247,931.70		\$267,078.60
WASHINGTON STATE SALES TAX at 8.40%						\$20,826.26		\$22,434.60
SCHEDULE C TOTAL						\$268,757.96		\$289,513.20
SCHEDULE D - ADDITIVE 1								
Roadway Improvements - Tower Crest Neighborhood Park (W.O. No. 402298)								
124	1-09.7	MOBILIZATION	L.S.	1	\$3,350.00	\$3,350.00	\$1,000.00	\$1,000.00
125	1-10	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	1	\$3,500.00	\$3,500.00	\$2,426.00	\$2,426.00
126	2-01	CLEARING AND GRUBBING	L.S.	1	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00
127	2-02	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	\$1,000.00	\$1,000.00	\$1,800.00	\$1,800.00
128	2-03	ROADWAY EXCAVATION INCL. HAUL	C.Y.	166	\$20.00	\$3,320.00	\$30.00	\$4,980.00
129	4-04	CRUSHED SURFACING BASE COURSE	C.Y.	60	\$21.00	\$1,260.00	\$30.00	\$1,800.00
130	4-04	CRUSHED SURFACING RESERVOIR COURSE	C.Y.	32	\$36.50	\$1,168.00	\$30.00	\$960.00
131	5-04	HMA CL. 1/2 IN. PG 64-22	TON	56	\$100.00	\$5,600.00	\$124.00	\$6,944.00

BID TABULATION
Clark County Public Works - Engineering and Construction Division
Clark County, Washington

Project Name: Sorenson Neighborhood Park & Tower Crest Neighborhood Park
 Project Number: WO #402261 & 402298
 Bid Opening Date: June 14, 2016

ENGINEER'S ESTIMATE	BIDDER #1
	Robertson & Olsen, Inc. 4600 NW Camas Meadows Dr. Vancouver, WA 98607 360-699-4724

BID ITEM NO.	SPEC. SECTION	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
132	5-06	PERVIOUS CEMENT CONC. SIDEWALK (6 IN.)	S.Y.	191	\$52.00	\$9,932.00	\$65.00	\$12,415.00
133	7-04	STORM SEWER PIPE 12 IN. DIAM.	L.F.	56	\$61.00	\$3,416.00	\$35.00	\$1,960.00
134	7-05	CONCRETE CURB INLET	EACH	1	\$1,600.00	\$1,600.00	\$800.00	\$800.00
135	8-01	INLET PROTECTION	EACH	5	\$80.00	\$400.00	\$5.00	\$25.00
136	8-04	CEMENT CONC. TRAFFIC CURB	L.F.	478	\$14.00	\$6,692.00	\$22.00	\$10,516.00
137	8-06	CEMENT CONC. APPROACH TYPE 2	S.Y.	23	\$39.00	\$897.00	\$68.00	\$1,564.00
138	8-14	SIDEWALK BARRICADE	EACH	1	\$500.00	\$500.00	\$800.00	\$800.00
139	8-14	CEMENT CONC. CURB RAMP	S.Y.	43	\$39.00	\$1,677.00	\$88.00	\$3,784.00
SCHEDULE D TOTAL						\$45,312.00		\$55,774.00
BASE BID (Sum of Schedules A and B)						\$503,282.68		\$589,384.57
ADDITIVE 1 (Sum of Schedules C and D)						\$314,069.96		\$345,287.20
TOTAL BID						\$817,352.64		\$934,671.77
% OVER OR UNDER ENGINEERS ESTIMATE								14.35%