INVITATION TO BID #2017-17
Carli Creek Enhancement and Water Quality Project
ADDENDUM NUMBER 4
June 8, 2017

On May 11, 2017, Clackamas County ("County") on behalf of Clackamas Service District No. 1 ("CCSD#1) published Invitation to Bid #2017-17 ("BID") and on May 15, 2017 published Addendum #1, and on June 01, 2017 published Addendum #2, and on June 7, 2017 published Addendum #3. The County has found that it is in its interest to amend the BID through the issuance of this Addendum #4. Except as expressly amended below, all other terms and conditions of the original BID and subsequent Addenda shall remain unchanged.

1. **Remove and replace the Bid Tab with the attached Bid Tab titled *Addendum #4 Bid/Fee Sheet*. (Note the following Line Item has been added to 400- DRAINAGE AND SEWERS):**
    a. Item No. 37-A 8" PVC Storm Line: 58 L.F.

End of Addendum #4

Addendum #4

Bid/Fee Sheet

Project Name: Carli Creek Enhancement and Water Quality Project 2017-17

Project Number: Clackamas County Service District No. 1

Item No.	Spec Section	Item Description	Qty	Unit	Unit Cost	Total Cost
	200	**TEMPORARY FEATURES AND APPURTENANCES**				
1	00210.90	Mobilization	1	L.S.	$	$
2	00225.90	Temporary Work Zone Traffic Control, Complete	1	L.S.	$	$
3	00245.90	Temporary Water Management	1	L.S.	$	$
4	00280.90	Erosion Control	1	L.S.	$	$
5	00280.90	Construction Entrance	1	Each	$	$
6	00280.90	Sediment Fence	5,000	L.F.	$	$
7	00280.90	High-Vis Fencing	2,000	L.F.	$	$
8	00280.90	Inlet Protection, Type 3	16	Each	$	$
9	00290.90	Pollution Control Plan	1	L.S.	$	$
	300	**ROADWORK**				
10	00305.00	Construction Survey Work	1	L.S.	$	$
11	00310.90	Removal of Curbs	810	L.F.	$	$
12	00310.90	Removal of Surfacings	2,713	S.Y.	$	$
13	00310.90	Asphalt Pavement Sawcutting	1,018	L.F.	$	$
14	00320.90	Clearing and grubbing	9.40	Acre	$	$
15	00330.06	Soil Management Plan	1	L.S.	$	$
16	00330.07	Topsoil Salvage and Placement	5,000	C.Y.	$	$
17	00330.07	Segeregation and Placement of Excess Salvaged Topsoil	690	C.Y.	$	$
18	00330.18(a)	Segregation and Placement of Low Permeability Soil Lining Materials	6,300	C.Y.	$	$
19	00330.18(b)	Segregation and Placement of Bentonite-amended Lining Material	1,200	C.Y.	$	$
20	00330.19(a)	Segregation and Placement of Structural Fill	3,300	C.Y.	$	$
21	00330.19(b)	General Fill	9,200	C.Y.	$	$
22	00330.22(a)	Spoils Haul and Disposal - Clean and Organic Free Materials	6,600	C.Y.	$	$
23	00330.22(b)	Spoils Haul and Disposal - Municipal Solid Waste	5	Ton	$	$
24	00330.22(c)	Spoils Haul and Disposal - Organic Materials	4,600	C.Y.	$	$
25	00330.41(b)	General Excavation	37,400	C.Y.	$	$
26	00330.41(c)	Unsuitable Material Overexcavation	1,900	C.Y.	$	$
27	00350.90	Geotextile Separator	3,700	S.Y.	$	$
	400	**DRAINAGE AND SEWERS**				
28	00445.90	18-inch storm pipe, 5 foot depth	42	L.F.	$	$
29	00445.90	18-inch storm pipe, 10 foot depth	605	L.F.	$	$
30	00445.90	18-inch storm pipe, 20 foot depth	286	L.F.	$	$
31	00445.90	24-inch storm pipe, 10 foot depth	52	L.F.	$	$
32	00445.90	24-inch storm pipe, 20 foot depth	811	L.F.	$	$
33	00470.90	Concrete manhole, 48 inch, 8 to 10 feet deep	2	Each	$	$
34	00470.90	Concrete manhole, 48 inch, 11 to 17 feet deep	6	Each	$	$
35	00470.90	Concrete manhole, 48" Shallow	2	Each	$	$
36	00470.90	Connections to Existing Structures	6	Each	$	$
37	00470.90	Catch Basin - Ditch Inlet	1	Each	$	$
37-A	00470.90	8" PVC Storm Line, 5 foot depth	58	L.F.	$	$
38	00495.90	Trench Resurfacing	1,200	S.Y.	$	$
	600	**BASES**				
39	00641.90	Aggregate bases	21	Ton	$	$
	700	**WEARING SURFACES**				
40	00759.90	Concrete Curb, Standard Vertical Curb	810	L.F.	$	$
	900	**PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS**				
41	00905.90	Remove and Reinstall Existing Signs	1	L.S.	$	$
	1000	**RIGHT OF WAY DEVELOPMENT AND CONTROL**				
42	01010.90	Water Quality Structure, SD CDS-D4	1	Each	$	$
43	01030.14	Fertilizer	7.4	Acre	$	$
44	01030.42	Weed control	9.4	Acre	$	$
45	01030.43	Temporary Seed Mix	6.0	Acre	$	$
46	01030.90	Wetland seeding, Hand Broadcast	1.0	Acre	$	$
47	01030.90	Oak Prairie Seeding, Hydroseeding	1.9	Acre	$	$
48	01030.90	Riparian seeding, Hydroseeding	2.3	Acre	$	$
49	01030.90	Mulching - planting	1.0	Acre	$	$
50	01030.90	Mulching - access paths	120	C.Y.	$	$
51	01040.90	Soil testing	50	Each	$ n/a	$ n/a

52	01040.90	Compost Mulch	4,100	C.Y.	$	$
53	01040.90	Acer circinatum, Vine maple, Seedling tree 36"+ stem	31	Each	$	$
54	01040.90	Acer macrophyllum, Bigleaf maple, Seedling tree 18"-36" stem	18	Each	$	$
55	01040.90	Alnus rubra, Red alder, Seedling tree 36"+ stem	28	Each	$	$
56	01040.90	Amelanchier alnifolia, Western serviceberry, Transplant 18"+	31	Each	$	$
57	01040.90	Cornus sericea var. stolonifera, Red-osier dogwood, 6' Plant cutting	1,815	Each	$	$
58	01040.90	Crataegus douglassii, Douglas hawthorn, Seedling tree 36"+ stem	3	Each	$	$
59	01040.90	Frangula (Rhamnus) purshiana, Cascara, Seedling tree 6"-12" stem	88	Each	$	$
60	01040.90	Fraxinus latifolia, Oregon ash, Seedling tree 36"+ stem	30	Each	$	$
61	01040.90	Gaultheria shallon, Salal, 1 Gallon container	713	Each	$	$
62	01040.90	Holodiscus discolor, Oceanspray, Seedling tree 36"+ stem	238	Each	$	$
63	01040.90	Lonicera involucrata, Twinberry, Seedling tree 18"-36" stem	356	Each	$	$
64	01040.90	Berberis aquifolium, Tall Oregon grape, Seedling tree 18"-36" stem	271	Each	$	$
65	01040.90	Malus fusca, Western crabapple, Seedling tree 18"-36" stem	8	Each	$	$
66	01040.90	Oemleria cerasfiormis, Indian plum, Seedling shrub 18"-36" stem	198	Each	$	$
67	01040.90	Philadelophus lewisii, Mock orange, Seedling shrub 18"-36" stem	198	Each	$	$
68	01040.90	Physocarpus capitatus, Pacific ninebark, Seedling tree 36"+ stem	609	Each	$	$
69	01040.90	Populus balsamifera var. trichocarpa, Black cottonwood, Seedling tree 36"+ stem	23	Each	$	$
70	01040.90	Prunus emarginata, Bitter cherry, Seedling tree 18"-36" stem	4	Each	$	$
71	01040.90	Pseudotsuga menziesii, Douglas fir, Deep rooted seedling tree	5	Each	$	$
72	01040.90	Quercus garryana, Oregon white oak, 2016 acorns	10	Each	$	$
73	01040.90	Ribes sanguineum, Red flowering currant, Seedling shrub 12"-18" stem	198	Each	$	$
74	01040.90	Rosa gymnocarpa, Baldhip rose, 14" Deep container	50	Each	$	$
75	01040.90	Rosa gymnocarpa, Baldhip rose, Seedling shrub 36"+ stem	535	Each	$	$
76	01040.90	Rosa nutkana var. nutkana, Nootka rose, 14" Deep container	50	Each	$	$
77	01040.90	Rosa nutkana var. nutkana, Nootka rose, Seedling shrub 36"+ stem	1,289	Each	$	$
78	01040.90	Rosa pisocarpa, Swamp rose, Seedling shrub 36"+ stem	1,289	Each	$	$
79	01040.90	Rubus spectabilis, Salmonberry, Seedling shrub 18"-36" stem	446	Each	$	$
80	01040.90	Salix hookeriana, Piper's willow, 6' Plant cutting	1,010	Each	$	$
81	01040.90	Salix lucida ssp. Lasiandra, Pacific willow, 6' Plant cutting	18	Each	$	$
82	01040.90	Salix scouleriana, Scouler willow, 6' Plant cutting	875	Each	$	$
83	01040.90	Salix sitchensis, Sitka willow, 6' Plant cutting	1,010	Each	$	$
84	01040.90	Sambucus cerulea, Blue elderberry, Seedling shrub 18"-36" stem	19	Each	$	$
85	01040.90	Sambucus racemosa, Red elderberry, Seedling shrub 18"-36" stem	25	Each	$	$
86	01040.90	Spiraea douglasii, Douglas' spiraea, Seedling shrub18"-36" stem	766	Each	$	$
87	01040.90	Symphoricarpus albus, Snowberry, 14" Deep container	50	Each	$	$
88	01040.90	Symphoricarpus albus, Snowberry, Seedling shrub 12"-18" stem	535	Each	$	$
89	01040.90	Thuja plicata, Western red cedar, Deep rooted seedling tree	17	Each	$	$
90	01040.90	Camassia quamash, Camas, Bulb	1,131	Each	$	$
91	01040.90	Carex amplifolia, Big-leaf sedge, 10" cu. In. Tubeling	2,672	Each	$	$
92	01040.90	Carex densa, Dense sedge, 10" cu. In. Tubeling	2,137	Each	$	$
93	01040.90	Carex dewyana ssp. Leptopoda, Dewey's sedge, 10" cu. In. Tubeling	2,137	Each	$	$
94	01040.90	Carex obnupta, Slough sedge, 10" cu. In. Tubeling	3241	Each	$	$
95	01040.90	Carex unilateralis, One-side sedge, 10" cu. In. Tubeling	2,672	Each	$	$
96	01040.90	Dicentra formosa, Pacific bleedingheart, 1 Gallon container	322	Each	$	$
97	01040.90	Eleocharis obtusa var. obtusa, Ovate spikerush, 10" cu. In. Tubeling	3,812	Each	$	$
98	01040.90	Juncus acuminatus, Tapertip rush, 10" cu. In. Tubeling	8,504	Each	$	$
99	01040.90	Juncus ensifolius, Dagger-leaf rush, 10" cu. In. Tubeling	8,504	Each	$	$
100	01040.90	Juncus patens, Spreading rush, 10" cu. In. Tubeling	8,504	Each	$	$
101	01040.90	Juncus tenuis, Slender rush, 10" cu. In. Tubeling	8,504	Each	$	$
102	01040.90	Mimulus guttatus, Seep monkeyflower, Bareroot seedling	200	Each	$	$
103	01040.90	Polystitchum munitum, Western swordfern, 1 Gallon container	805	Each	$	$
104	01040.90	Schoenoplectus acutus, Hard-stemmed bulrush, 10" cu. In. Tubeling	958	Each	$	$
105	01040.90	Scirpus microcarpus, Small-fruited bulrush, 10" cu. In. Tubeling	3,312	Each	$	$
106	01040.90	Veronica americana, American speedwell, Bareroot seedling	100	Each	$	$
		SPECIAL PROVISIONS				
107	01091.90	Type 1 Key Log - 14-18" x 20' w/ rootwad	64	Each	$	$
108	01091.90	Type 2 Key Log -14-18" x 20' w/o rootwad	54	Each	$	$
109	01091.90	Type 3 Key Log -14-18" x 30' w/ rootwad	43	Each	$	$
110	01091.90	Type 4 Key Log -18" x 30' w/o rootwad	12	Each	$	$
111	01091.90	Type 5 Key Log -14-18" x 10' w/ rootwad	0	Each	$	$
112	01091.90	Type 6 Pile Log -10-12" x 15'-20' w/ rootwad	37	Each	$	$
113	01091.90	Type 7 Pile Log -10-12" x 15'-20' w/o rootwad	100	Each	$	$
114	01091.90	Floodplain Habitat Structure 1	1	Each	$	$
115	01091.90	Floodplain Habitat Structure 2	6	Each	$	$
116	01091.90	Floodplain Habitat Structure 3	8	Each	$	$
117	01091.90	Grade Control Structure	6	Each	$	$
118	01091.90	Stream Habitat Structure	11	Each	$	$
119	01091.90	Fallen Tree Structure	21	Each	$	$
120	01091.90	Bank Habitat Structure 1	5	Each	$	$
121	01091.90	Bank Habitat Structure 2	2	Each	$	$
122	01091.90	Snag Structure	15	Each	$	$
123	01091.90	Beaver Dam Analog Structure	8	Each	$	$
124	01091.90	Channel Realignment	1	L.S.	$	$
125	01120.90	Irrigation System	7.4	Acre	$	$
126	01999.01	Haul Roads	4,000	L.F.	$	$
127	01999.01	Access Paths	1,112	L.F.	$	$
128	01999.02	Weir Structure A	1	L.S.	$	$

129	01999.02	Weir Structure B	1	L.S.	$	$
130	01999.02	Weir Structure C	1	L.S.	$	$
131	01999.02	Detention Cell Spillway	1	L.S.	$	$
132	01999.02	Detention Outfall Dissipator	1	L.S.	$	$
133	01999.03	Step Pools	1	L.S.	$	$
		Construction Subtotal				**$**
						$
						$
						$ -
		Total				**$**