



INVITATION TO BID #2017-17
Carli Creek Enhancement and Water Quality Project
ADDENDUM NUMBER 5
June 13, 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, and on June 08, 2017 published Addendum #4. The County has found that it is in its interest to amend the BID through the issuance of this Addendum #5. Except as expressly amended below, all other terms and conditions of the original BID and subsequent Addenda shall remain unchanged.

1. The Bid Closing date is hereby changed from June 14, 2017 at 2:00 PM to **June 20, 2017 at 2:00 PM, Pacific Time.**
2. Remove and replace Section 1999.01 **Payment -Haul Roads** with: "payment for haul roads shall be per linear foot and shall include all labor, materials, and equipment to construct these haul roads".
 - a. *Please note: Gravel Construction or Maintenance Access roads are bid under item No. 39 Aggregate Bases.
3. Remove and replace Special Provision 01091.81 **Measurement, Item C** to the following: "Channel Realignment will be measured on a lump sum basis based on survey of existing and final grade.
4. Remove and Replace Bid Tab with the Attached Bid Tab titled *Addendum #5 Bid/Fee Sheet*. (Note the following additions and updated quantities):
 - a. Item No. 28-A; 12-inch storm pipe, 5 foot depth: 7 feet
 - b. Item No. 36; Connections to Existing Structures: 4 each
 - c. Item No. 39; Aggregate Bases: 1,521 Tons
 - d. Item No. 126; Haul Roads: 2,100 Linear Feet

End of Addendum #5

Addendum #5

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 Surfacing	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	Segregation 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-A	00445.90	12-Inch storm pipe, 5 foot depth	7	L.F.	\$	\$
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	4	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	1,521	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 cerasiformis, Indian plum, Seedling shrub 18"-36" stem	198	Each	\$	\$
67	01040.90	Philadelphus 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 shrub 18"-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	3,241	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	Polystichum 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	2,100	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				\$