

EISLER - Bid Tabulation
 Liberty Green / River Roots
 East Liberty Site Preparation Contract No. 4 - REBID

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
GENERAL ITEMS - APPLY TO LIBERTY GREEN AND RIVER ROOTS (ITEMS 1 - 7)					
1	Mobilization/Demobilization/General Conditions	1	LS	\$ 92,689.50	\$92,689.50
2	Erosion and Sedimentation Control	1	LS	\$ 30,140.50	\$30,140.50
3A	Remove existing traffic and parking signs and supporting foundations; store and protect for reinstallation	1	LS	\$ 595.00	\$595.00
3B	Remove and dispose corrugated flexible drain pipe	1	LS	\$ 238.00	\$238.00
3C	Remove and dispose existing concrete sidewalks as indicated at Liberty Green	1	LS	\$ 5,694.00	\$5,694.00
3D	Remove and dispose existing asphalt sidewalks as indicated at Liberty Green	1	LS	\$ 969.00	\$969.00
3E	Remove and stockpile existing rip-rap for re-installation (material will be used for proposed riprap aprons and non-visible gabion fill)	1	LS	\$ 2,699.00	\$2,699.00
3F	Remove and dispose of existing PVC drain	1	LS	\$ 1,305.50	\$1,305.50
3G	Salvage existing trees/deliver to City of Pittsburgh	31	Ea.	\$ 406.00	\$12,586.00
3H	Sewer Laterals - Abandonment in place	4	Ea.	\$ 966.00	\$3,864.00
3I	Remove existing bollard	1	Ea.	\$ 113.50	\$113.50
3J	Protect and maintain temporary lighting	1	LS	\$ 2,813.00	\$2,813.00
3K	Remove existing sidewalk to the limits shown on the River Roots Construction Drawings	1	LS	\$ 578.00	\$578.00
3L	Remove two existing brick walls to the limits shown on the River Roots Construction Drawings	1	LS	\$ 2,069.00	\$2,069.00
3M	Disconnect, replace, and reconnect underground streetlight power feed in-kind to accommodate site alterations as shown on River Roots Construction Drawing L.1	1	LS	\$ 6,160.00	\$6,160.00
4	Soil Excavation, handling, storage, re-placement, to create final grades (on-site handling, Category A clean fill)	1,100	CY	\$ 14.00	\$15,400.00
5A	Category A clean fill earthen material excavation, hauling, and stockpiling at URA 62nd St. property	14,700	CY	\$ 14.00	\$205,800.00
5B	Category B potential fill earthen material excavation, hauling, and stockpiling at URA 62nd St. property	2,400	CY	\$ 14.00	\$33,600.00
5C	Category C impacted earthen materials excavation, hauling and disposal at approved off-site disposal facility	4,080	TON	\$ 68.00	\$277,440.00
5D	Category D Impacted Water collection, storage and disposal	1,000	GALLON	\$ 6.50	\$6,500.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		TOTAL
6	Class "RP" Rock Excavation - Open pit excavation - includes loading, hauling, and stockpiling at URA property at 62nd and Butler Sts.	200	CY	\$ 26.50	\$5,300.00
7	Class "RT" Rock Excavation - Trench excavation - includes loading, hauling, and stockpiling at URA property at 62nd and Butler Sts.	20	CY	\$ 37.50	\$750.00
LIBERTY GREEN-SPECIFIC ITEMS - (ITEMS 8 - 94)					
8	Underground Detention (UGD-1) System (COMPLETE)	1	LS	\$ 354,271.00	\$354,271.00
9	12" HDPE Pipe	65	LF	\$ 82.50	\$5,362.50
10	15" HDPE Pipe	688	LF	\$ 98.50	\$67,768.00
11	18" HDPE Pipe	75	LF	\$ 118.00	\$8,850.00
12A	24" HDPE Pipe	85	LF	\$ 301.00	\$25,585.00
12B	24" Storm Sewer Cut-in Wye Connection	1	LS	\$ 34,594.50	\$34,594.50
13	Bioswale Underdrain	120	LF	\$ 18.00	\$2,160.00
14	Yard Drains	3	Ea.	\$ 3,857.00	\$11,571.00
15	Standard Manholes - 4' ID	2	Ea.	\$ 5,305.00	\$10,610.00
16	Water Quality Manhole-CDS-4 (4' ID, MH-112)	1	Ea.	\$ 25,744.00	\$25,744.00
17	Water Quality Manhole-CDS-6 (6' ID, MH-108A)	1	Ea.	\$ 45,859.50	\$45,859.50
18	Catch Basins	7	Ea.	\$ 6,488.50	\$45,419.50
19	Endwalls and riprap aprons	4	Ea.	\$ 2,751.00	\$11,004.00
20	LLDPE Liner System	18,600	SF	\$ 4.00	\$74,400.00
21	Concrete Sidewalks / Vehicular Medium Broom Finish (6" Thick)	27,704	SF	\$ 11.00	\$304,744.00
22	Concrete Sidewalks / Vehicular Exposed Aggregate Finish (6" Thick)	8,596	SF	\$ 14.50	\$124,642.00
23	Concrete Sidewalks / Pedestrian Medium Broom Finish (4" Thick)	12,162	SF	\$ 11.00	\$133,782.00
24	Concrete Sidewalks / Pedestrian Exposed Aggregate Finish (4" Thick)	325	SF	\$ 17.00	\$5,525.00
25	Concrete Sidewalks / ADA Curbs & Ramp	7	Ea.	\$ 2,488.50	\$17,419.50
26	Concrete Seat Walls	380	LF	\$ 612.75	\$232,845.00
27	Educational Signage	2	Ea.	\$ 937.50	\$1,875.00
28	Playground Signage	2	Ea.	\$ 937.50	\$1,875.00
29	Park Signage	4	Ea.	\$ 1,256.50	\$5,026.00
30	Picnic Table	4	Ea.	\$ 1,012.50	\$4,050.00
31	Grill	4	Ea.	\$ 939.50	\$3,758.00
32	6-Foot Bench	15	Ea.	\$ 2,294.50	\$34,417.50
33	8-Foot Bench	9	Ea.	\$ 2,867.50	\$25,807.50
34	Fence - Wood Slat 1 / L-503	31.33	LF	\$ 227.90	\$7,140.11
35	Fence - Omega 7 / L-500	360	LF	\$ 61.00	\$21,960.00

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ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
36	Bike Rack	4	Ea.	\$ 603.00	\$2,412.00
37	Trash Receptacles	12	Ea.	\$ 4,804.00	\$57,648.00
38	Flush Concrete Curb	1,350	LF	\$ 33.50	\$45,225.00
39	4.25" thick Play Surface / subsurface	14,500	SF	\$ 24.00	\$348,000.00
40	Wood Deck & Elevated ADA ramp/ complete	1	LS	\$ 144,579.50	\$144,579.50
41	Play Area Equipment	1	LS	\$ 520,568.00	\$520,568.00
42	Play Area - Water Feature Equipment	1	LS	\$ 43,850.50	\$43,850.50
43	Imported Soil - Structural Soil for Trees	415	CY	\$ 109.50	\$45,442.50
44	Amended Soil/Planting Mix for Trees Pits and Planting Areas	1,940	CY	\$ 91.50	\$177,510.00
45	Amended Soil Layer/Planting Mix for Bioswales	700	CY	\$ 95.50	\$66,850.00
46	Colored Concrete Pavement (4" Thick)	2,313	SF	\$ 15.00	\$34,695.00
47	Stepping Stones	8	Ea.	\$ 3,095.50	\$24,764.00
	CANOPY TREES				
48	- Sugar Maple	12	Ea.	\$ 852.50	\$10,230.00
49	- Ginkgo	3	Ea.	\$ 1,035.50	\$3,106.50
50	- Golden Larch	1	Ea.	\$ 1,035.00	\$1,035.00
51	- London Plane	10	Ea.	\$ 761.00	\$7,610.00
52	- American Sweetgum	8	Ea.	\$ 869.00	\$6,952.00
53	- Tulip Poplar	12	Ea.	\$ 869.00	\$10,428.00
54	- Kentucky Coffee tree	1	Ea.	\$ 846.00	\$846.00
55	- Black Tupelo	11	Ea.	\$ 1,035.00	\$11,385.00
56	- Swamp White Oak	10	Ea.	\$ 836.00	\$8,360.00
57	- Willow Oak	8	Ea.	\$ 836.00	\$6,688.00
58	- Shumard Oak	7	Ea.	\$ 836.00	\$5,852.00
	EVERGREEN TREES				
59	- Atlantic White Cedar	2	Ea.	\$ 952.50	\$1,905.00
60	- Deodar Cedar	1	Ea.	\$ 952.50	\$952.50
61	- Dawn Redwood	3	Ea.	\$ 624.00	\$1,872.00
62	- Sweet bay Magnolia	1	Ea.	\$ 574.00	\$574.00
	ORNAMENTAL TREES				
63	- River Birch	5	Ea.	\$ 533.50	\$2,667.50
64	- American Hornbeam	2	Ea.	\$ 869.00	\$1,738.00
65	- Flowering Dogwood	3	Ea.	\$ 451.00	\$1,353.00
66	- Common Witch-hazel	1	Ea.	\$ 341.00	\$341.00
	SHRUBS				
67	- Blood twig Dogwood	40	Ea.	\$ 55.00	\$2,200.00
68	- Oakleaf Hydrangea	10	Ea.	\$ 90.00	\$900.00
69	- Vernal Witch-hazel	10	Ea.	\$ 90.00	\$900.00

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	GRASSES				
70	- Switchgrass	1,300	Ea.	\$ 19.50	\$25,350.00
71	- Prairie Drop seed	5,200	Ea.	\$ 19.50	\$101,400.00
72A	- Lawn Area Grass	45,000	SF	\$ 0.45	\$20,250.00
72B	- Bioswale Seed Mix	17,300	SF	\$ 0.40	\$6,920.00
73	Liberty Green BioSwales Drip Irrigation piping and fittings	1	LS	\$ 39,091.50	\$39,091.50
74	3/4" Water Supply Pipe/ Fittings	68	LF	\$ 118.00	\$8,024.00
75	1" Water Supply Pipe/ Fittings	501	LF	\$ 89.50	\$44,839.50
76	1-1/2" Water Supply Pipe/ Fittings	165	LF	\$ 96.50	\$15,922.50
77	2" Water Supply Pipe/ Fittings	21	LF	\$ 168.00	\$3,528.00
78	Hose Bibs & Shut off Valve Lawn Boxes	4	Ea.	\$ 6,639.50	\$26,558.00
79	PWSA Water Service Tap / Meter Pit / Meters	1	LS	\$ 18,695.00	\$18,695.00
80	Sewer Line to Water Feature	1	LS	\$ 42,619.50	\$42,619.50
81	Sewer Line to Drinking Fountain	1	LS	\$ 19,378.00	\$19,378.00
82	Drinking Fountain	1	Ea.	\$ 6,150.00	\$6,150.00
83	Electrical Service Feeders	450	LF	\$ 51.50	\$23,175.00
84	Electrical Service and Control Cabinet	1	LS	\$ 30,404.00	\$30,404.00
85	Electrical Outlets at Wood Deck	2	Ea.	\$ 226.00	\$452.00
86	Water Play Feature Electrical Power and Controls System	1	LS	\$ 2,507.50	\$2,507.50
87	Cistern Mechanical Electrical Power and Controls System	1	LS	\$ 77,593.00	\$77,593.00
88	Irrigation System Power	1	LS	\$ 3,751.00	\$3,751.00
89A	Direct Burial Lighting and Convenience Receptacles Conduit	3,020	LF	\$ 13.50	\$40,770.00
89B	AWG #6 Lighting Cable	11,200	LF	\$ 2.50	\$28,000.00
89C	AWG #8 Convenience Receptacles Cable	1,600	LF	\$ 2.00	\$3,200.00
90	14' Standard Park Pole & Luminaire	25	Ea.	\$ 6,270.00	\$156,750.00
91	Remove & Reinstall Existing Street Light Pole	7	Ea.	\$ 1,637.50	\$11,462.50
92	15' Decorative Street Light and Pole	6	Ea.	\$ 6,550.00	\$39,300.00
93	Remove & Deliver Existing Street Light Poles and Bracket Arm	1	LS	\$ 1,287.00	\$1,287.00
94	City Standard Junction Box, Type JB-1	1	LS	\$ 2,003.50	\$2,003.50
RIVER ROOTS-SPECIFIC ITEMS - (ITEMS 95 - 140)					
95	Gabion Retaining Walls	102	CY	\$ 455.50	\$46,461.00
96	PVC Piping & Connections	230	LF	\$ 186.00	\$42,780.00
97	Pex, 1" to Hand Pump (inc. fittings)	150	LF	\$ 21.50	\$3,225.00
98	Hand Pump	1	Ea.	\$ 415.00	\$415.00
99	Galvanized Steel and HDPE Overflows	5	Ea.	\$ 1,796.00	\$8,980.00
100	EPDM Liner System	14,000	SF	\$ 2.00	\$28,000.00

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ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
101	Stormwater Storage Tank & Associated Equipment	1	Ea.	\$ 5,055.00	\$5,055.00
102	Riprap Aprons (Reuse existing site materials)	4	Ea.	\$ 493.50	\$1,974.00
103	AASHTO # 57 washed aggregate (basin underdrain material at River Roots)	200	TON	\$ 73.00	\$14,600.00
104	Sandy Planting Medium (Imported Soil)	530	CY	\$ 85.50	\$45,315.00
105	Kalida St. Inlet Retrofitting (2) Piping/Fittings & street restoration	1	LS	\$ 21,624.00	\$21,624.00
106	Sidewalks / Pedestrian Medium Broom Finish (4" Thick)	2,100	SF	\$ 10.65	\$22,365.00
107	Concrete Stairs & Risers	1	LS	\$ 41,949.00	\$41,949.00
108	Salvaged Stone Treads	10	Ea.	\$ 265.00	\$2,650.00
109	Alternate - New Stone Treads	10	Ea.	\$ 491.00	\$4,910.00
110	Concrete Splash Block Assembly at Basin #6	1	LS	\$ 48,408.00	\$48,408.00
111	Educational Signage	4	Ea.	\$ 847.00	\$3,388.00
112	20"x26"x10' Stone Bench	3	Ea.	\$ 6,525.00	\$19,575.00
113	Trash Receptacles	4	Ea.	\$ 4,804.00	\$19,216.00
114	Corten Steel Channels	1	LS	\$ 27,084.50	\$27,084.50
115	Stair Railing	1	LS	\$ 7,195.00	\$7,195.00
116	Splash Block Tile Installation at Basin #6	1	LS	\$ 3,509.00	\$3,509.00
117	Install Water Creatures (placed in Gabions)	32	Ea.	\$ 121.50	\$3,888.00
118	Install Water Creatures (stone-mounted)	21	Ea.	\$ 243.00	\$5,103.00
119	Install Water Creatures (with cast-in-place footing)	21	Ea.	\$ 462.50	\$9,712.50
120	Install Sound Sculptures	6	Ea.	\$ 913.00	\$5,478.00
121	Wood Deck & Elevated Path	1	LS	\$ 22,609.00	\$22,609.00
122A	Boulders - Small	5	TON	\$ 178.50	\$892.50
122B	Boulders - Medium	40	TON	\$ 229.50	\$9,180.00
122C	Boulders - Large	45	TON	\$ 269.00	\$12,051.20
122D	Boulders - Extra Large	100	TON	\$ 308.50	\$30,850.00
123	Engraved Seating Stones - Square	15	TON	\$ 1,972.00	\$29,580.00
	CANOPY TREES				
124	- American Sweetgum	2	Ea.	\$ 912.50	\$1,825.00
125	- Tulip Poplar	2	Ea.	\$ 912.50	\$1,825.00
126	- Black Tupelo	3	Ea.	\$ 1,092.00	\$3,276.00
127	- Swamp White Oak	3	Ea.	\$ 861.00	\$2,583.00
128	- Shagbark Hickory	1	Ea.	\$ 745.50	\$745.50
129	- American Beach	1	Ea.	\$ 1,237.50	\$1,237.50
130	- Eastern Sycamore	1	Ea.	\$ 741.50	\$741.50
	ORNAMENTAL TREES				
131	- River Birch	4	Ea.	\$ 548.50	\$2,194.00
132	- American Hornbeam	3	Ea.	\$ 582.50	\$1,747.50

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ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	SHRUBS				
133	- Blood Twig Dogwood	24	Ea.	\$ 59.00	\$1,416.00
134	- Oakleaf Hydrangea	22	Ea.	\$ 93.00	\$2,046.00
135	- Blue Beard	229	Ea.	\$ 61.00	\$13,969.00
136	- Virginia Sweet Spire	70	Ea.	\$ 61.00	\$4,270.00
	- GRASSES				
137	- Switchgrass	450	Ea.	\$ 20.00	\$9,000.00
138	- Prairie Drop seed	330	Ea.	\$ 20.00	\$6,600.00
139	Lawn Area Grass	18,000	SF	\$ 0.46	\$8,280.00
140	Water System Outflow Geogrid	180	SF	\$ 8.00	\$1,440.00
GENERAL ITEMS - APPLY TO LIBERTY GREEN, RIVER ROOTS, AND 62ND ST SITES (ITEMS 141 TO 144)					
141	Witness Barrier Installation	9,600	SY	\$ 1.50	\$14,400.00
142	Work Crew: Dump Truck and Operator, Excavator and Operator, and 2 Laborers	40	Hr	\$ 417.50	\$16,700.00
143	Deep Concrete Curb	40	LF	\$ 149.00	\$5,960.00
144	Maintenance and Protection of Traffic	1	LS	\$ 21,126.00	\$21,126.00
TOTAL BASE BID (ITEMS 1 THROUGH 144)					\$5,423,595.81

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LIBERTY GREEN - ADD ALTERNATE "A" (AS SHOWN ON DRAWING L-127)					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	GROUNDCOVER/GRASSES				
A.1	- Prairie Drop Seed (SH)	9700	Ea.	\$ 19.50	\$189,150.00
A.2	- Switch Grass (PV)	4400	Ea.	\$ 19.50	\$85,800.00
A.3	- Hay-scented Fern (DP)	508	Ea.	\$ 20.00	\$10,160.00
	HERBACEOUS PLANTS				
A.4	- Milkweed (AI)	110	Ea.	\$ 18.00	\$1,980.00
A.5	- Great Blue Lobelia (GBL)	187	Ea.	\$ 19.00	\$3,553.00
A.6	- Blue Stem Golden Rod (SC)	120	Ea.	\$ 19.50	\$2,340.00
	SHRUBS	4	Ea.	XXX	XXX
A.7	- Common Juniper (JUN)	3	Ea.	\$ 53.50	\$160.50
					\$293,143.50

RIVER ROOTS - ALTERNATE SITE PLANTING PLAN "B" (FROM DRAWING L.5)					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	CANOPY TREES				
B.1	- American Sweetgum	3	Ea.	\$ 885.50	\$2,656.50
B.2	- Tulip Poplar	2	Ea.	\$ 885.50	\$1,771.00
B.3	- Black Tupelo	3	Ea.	\$ 1,059.50	\$3,178.50
B.4	- Swamp White Oak	3	Ea.	\$ 835.50	\$2,506.50
B.5	- Shagbark Hickory	1	Ea.	\$ 723.00	\$723.00
B.6	- American Beach	1	Ea.	\$ 1,201.00	\$1,201.00
B.7	- Eastern Sycamore	2	Ea.	\$ 719.00	\$1,438.00
	ORNAMENTAL TREES				
B.8	- River Birch	4	Ea.	\$ 557.00	\$2,228.00
B.9	- American Hornbeam	3	Ea.	\$ 565.50	\$1,696.50
	SHRUBS				
B.10	- Blood Twig Dogwood	23	Ea.	\$ 57.50	\$1,322.50
B.11	- Oakleaf Hydrangea	28	Ea.	\$ 90.00	\$2,520.00
B.12	- Blue Beard	102	Ea.	\$ 59.00	\$6,018.00
B.13	- Virginia Sweet Spire	44	Ea.	\$ 59.00	\$2,596.00
B.14	- Purple Osier Willow	19	Ea.	\$ 69.00	\$1,311.00
B.15	- Steeplebush	46	Ea.	\$ 55.50	\$2,553.00
	- GRASSES				
B.16	- Switchgrass	450	Ea.	\$ 19.50	\$8,775.00
B.17	- Prairie Drop seed	330	Ea.	\$ 19.50	\$6,435.00
RIVER ROOTS - ALTERNATE "B" ITEMS B.1 - B.17 (TOTAL X)					\$48,929.50
RIVER ROOTS - ITEMS 124 - 140 (SUBTOTAL Y)					\$63,196.00
DEDUCT ALTERNATE "B" (TOTAL X MINUS SUBTOTAL Y)					-\$14,266.50

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BASE BID TOTAL	\$5,423,595.81
ADD ALTERNATE "A" TOTAL	\$293,143.50
DEDUCT ALTERNATE "B" TOTAL	-\$14,266.50