

A. MERANTE - 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	\$ 360,000.00	\$360,000.00
2	Erosion and Sedimentation Control	1	LS	\$ 55,000.00	\$55,000.00
3A	Remove existing traffic and parking signs and supporting foundations; store and protect for reinstallation	1	LS	\$ 2,200.00	\$2,200.00
3B	Remove and dispose corrugated flexible drain pipe	1	LS	\$ 800.00	\$800.00
3C	Remove and dispose existing concrete sidewalks as indicated at Liberty Green	1	LS	\$ 4,200.00	\$4,200.00
3D	Remove and dispose existing asphalt sidewalks as indicated at Liberty Green	1	LS	\$ 1,300.00	\$1,300.00
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	\$ 3,500.00	\$3,500.00
3F	Remove and dispose of existing PVC drain	1	LS	\$ 850.00	\$850.00
3G	Salvage existing trees/deliver to City of Pittsburgh	31	Ea.	\$ 110.00	\$3,410.00
3H	Sewer Laterals - Abandonment in place	4	Ea.	\$ 2,400.00	\$9,600.00
3I	Remove existing bollard	1	Ea.	\$ 300.00	\$300.00
3J	Protect and maintain temporary lighting	1	LS	\$ 3,000.00	\$3,000.00
3K	Remove existing sidewalk to the limits shown on the River Roots Construction Drawings	1	LS	\$ 675.00	\$675.00
3L	Remove two existing brick walls to the limits shown on the River Roots Construction Drawings	1	LS	\$ 2,000.00	\$2,000.00
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	\$ 6,250.00	\$6,250.00
4	Soil Excavation, handling, storage, re-placement, to create final grades (on-site handling, Category A clean fill)	1,100	CY	\$ 13.10	\$14,410.00
5A	Category A clean fill earthen material excavation, hauling, and stockpiling at URA 62nd St. property	14,700	CY	\$ 19.50	\$286,650.00
5B	Category B potential fill earthen material excavation, hauling, and stockpiling at URA 62nd St. property	2,400	CY	\$ 19.50	\$46,800.00
5C	Category C impacted earthen materials excavation, hauling and disposal at approved off-site disposal facility	4,080	TON	\$ 44.00	\$179,520.00
5D	Category D Impacted Water collection, storage and disposal	1,000	GALLON	\$ 8.00	\$8,000.00

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6	Class "RP" Rock Excavation - Open pit excavation - includes loading, hauling, and stockpiling at URA property at 62nd and Butler Sts.	200	CY	\$ 48.00	\$9,600.00
7	Class "RT" Rock Excavation - Trench excavation - includes loading, hauling, and stockpiling at URA property at 62nd and Butler Sts.	20	CY	\$ 77.00	\$1,540.00
LIBERTY GREEN-SPECIFIC ITEMS - (ITEMS 8 - 94)					
8	Underground Detention (UGD-1) System (COMPLETE)	1	LS	\$ 355,000.00	\$355,000.00
9	12" HDPE Pipe	65	LF	\$ 60.00	\$3,900.00
10	15" HDPE Pipe	688	LF	\$ 58.00	\$39,904.00
11	18" HDPE Pipe	75	LF	\$ 77.00	\$5,775.00
12A	24" HDPE Pipe	85	LF	\$ 175.00	\$14,875.00
12B	24" Storm Sewer Cut-in Wye Connection	1	LS	\$ 27,500.00	\$27,500.00
13	Bioswale Underdrain	120	LF	\$ 60.00	\$7,200.00
14	Yard Drains	3	Ea.	\$ 3,200.00	\$9,600.00
15	Standard Manholes - 4' ID	2	Ea.	\$ 3,400.00	\$6,800.00
16	Water Quality Manhole-CDS-4 (4' ID, MH-112)	1	Ea.	\$ 16,250.00	\$16,250.00
17	Water Quality Manhole-CDS-6 (6' ID, MH-108A)	1	Ea.	\$ 33,000.00	\$33,000.00
18	Catch Basins	7	Ea.	\$ 4,050.00	\$28,350.00
19	Endwalls and riprap aprons	4	Ea.	\$ 2,200.00	\$8,800.00
20	LLDPE Liner System	18,600	SF	\$ 4.30	\$79,980.00
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	\$ 15.25	\$131,089.00
23	Concrete Sidewalks / Pedestrian Medium Broom Finish (4" Thick)	12,162	SF	\$ 10.65	\$129,525.30
24	Concrete Sidewalks / Pedestrian Exposed Aggregate Finish (4" Thick)	325	SF	\$ 16.75	\$5,443.75
25	Concrete Sidewalks / ADA Curbs & Ramp	7	Ea.	\$ 2,500.00	\$17,500.00
26	Concrete Seat Walls	380	LF	\$ 540.00	\$205,200.00
27	Educational Signage	2	Ea.	\$ 1,250.00	\$2,500.00
28	Playground Signage	2	Ea.	\$ 575.00	\$1,150.00
29	Park Signage	4	Ea.	\$ 1,150.00	\$4,600.00
30	Picnic Table	4	Ea.	\$ 1,365.00	\$5,460.00
31	Grill	4	Ea.	\$ 2,400.00	\$9,600.00
32	6-Foot Bench	15	Ea.	\$ 2,125.00	\$31,875.00
33	8-Foot Bench	9	Ea.	\$ 2,550.00	\$22,950.00
34	Fence - Wood Slat 1 / L-503	31.33	LF	\$ 173.00	\$5,420.09
35	Fence - Omega 7 / L-500	360	LF	\$ 60.40	\$21,744.00

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ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
36	Bike Rack	4	Ea.	\$ 2,000.00	\$8,000.00
37	Trash Receptacles	12	Ea.	\$ 1,600.00	\$19,200.00
38	Flush Concrete Curb	1,350	LF	\$ 25.00	\$33,750.00
39	4.25" thick Play Surface / subsurface	14,500	SF	\$ 22.50	\$326,250.00
40	Wood Deck & Elevated ADA ramp/ complete	1	LS	\$ 66,500.00	\$66,500.00
41	Play Area Equipment	1	LS	\$ 440,000.00	\$440,000.00
42	Play Area - Water Feature Equipment	1	LS	\$ 13,800.00	\$13,800.00
43	Imported Soil - Structural Soil for Trees	415	CY	\$ 77.50	\$32,162.50
44	Amended Soil/Planting Mix for Trees Pits and Planting Areas	1,940	CY	\$ 66.50	\$129,010.00
45	Amended Soil Layer/Planting Mix for Bioswales	700	CY	\$ 66.50	\$46,550.00
46	Colored Concrete Pavement (4" Thick)	2,313	SF	\$ 11.60	\$26,830.80
47	Stepping Stones	8	Ea.	\$ 560.00	\$4,480.00
	CANOPY TREES				
48	- Sugar Maple	12	Ea.	\$ 700.00	\$8,400.00
49	- Ginkgo	3	Ea.	\$ 900.00	\$2,700.00
50	- Golden Larch	1	Ea.	\$ 608.00	\$608.00
51	- London Plane	10	Ea.	\$ 608.00	\$6,080.00
52	- American Sweetgum	8	Ea.	\$ 725.00	\$5,800.00
53	- Tulip Poplar	12	Ea.	\$ 670.00	\$8,040.00
54	- Kentucky Coffee tree	1	Ea.	\$ 700.00	\$700.00
55	- Black Tupelo	11	Ea.	\$ 785.00	\$8,635.00
56	- Swamp White Oak	10	Ea.	\$ 820.00	\$8,200.00
57	- Willow Oak	8	Ea.	\$ 820.00	\$6,560.00
58	- Shumard Oak	7	Ea.	\$ 820.00	\$5,740.00
	EVERGREEN TREES				
59	- Atlantic White Cedar	2	Ea.	\$ 820.00	\$1,640.00
60	- Deodar Cedar	1	Ea.	\$ 820.00	\$820.00
61	- Dawn Redwood	3	Ea.	\$ 800.00	\$2,400.00
62	- Sweet bay Magnolia	1	Ea.	\$ 488.00	\$488.00
	ORNAMENTAL TREES				
63	- River Birch	5	Ea.	\$ 605.00	\$3,025.00
64	- American Hornbeam	2	Ea.	\$ 590.00	\$1,180.00
65	- Flowering Dogwood	3	Ea.	\$ 620.00	\$1,860.00
66	- Common Witch-hazel	1	Ea.	\$ 550.00	\$550.00
	SHRUBS				
67	- Blood twig Dogwood	40	Ea.	\$ 61.00	\$2,440.00
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.	\$ 14.00	\$18,200.00
71	- Prairie Drop seed	5,200	Ea.	\$ 14.55	\$75,660.00
72A	- Lawn Area Grass	45,000	SF	\$ 1.15	\$51,750.00
72B	- Bioswale Seed Mix	17,300	SF	\$ 1.70	\$29,410.00
73	Liberty Green BioSwales Drip Irrigation piping and fittings	1	LS	\$ 105,000.00	\$105,000.00
74	3/4" Water Supply Pipe/ Fittings	68	LF	\$ 38.00	\$2,584.00
75	1" Water Supply Pipe/ Fittings	501	LF	\$ 28.00	\$14,028.00
76	1-1/2" Water Supply Pipe/ Fittings	165	LF	\$ 37.00	\$6,105.00
77	2" Water Supply Pipe/ Fittings	21	LF	\$ 78.00	\$1,638.00
78	Hose Bibs & Shut off Valve Lawn Boxes	4	Ea.	\$ 1,250.00	\$5,000.00
79	PWSA Water Service Tap / Meter Pit / Meters	1	LS	\$ 8,000.00	\$8,000.00
80	Sewer Line to Water Feature	1	LS	\$ 6,750.00	\$6,750.00
81	Sewer Line to Drinking Fountain	1	LS	\$ 2,800.00	\$2,800.00
82	Drinking Fountain	1	Ea.	\$ 4,600.00	\$4,600.00
83	Electrical Service Feeders	450	LF	\$ 52.00	\$23,400.00
84	Electrical Service and Control Cabinet	1	LS	\$ 30,700.00	\$30,700.00
85	Electrical Outlets at Wood Deck	2	Ea.	\$ 228.00	\$456.00
86	Water Play Feature Electrical Power and Controls System	1	LS	\$ 2,500.00	\$2,500.00
87	Cistern Mechanical Electrical Power and Controls System	1	LS	\$ 6,300.00	\$6,300.00
88	Irrigation System Power	1	LS	\$ 3,775.00	\$3,775.00
89A	Direct Burial Lighting and Convenience Receptacles Conduit	3,020	LF	\$ 13.60	\$41,072.00
89B	AWG #6 Lighting Cable	11,200	LF	\$ 2.61	\$29,232.00
89C	AWG #8 Convenience Receptacles Cable	1,600	LF	\$ 1.92	\$3,072.00
90	14' Standard Park Pole & Luminaire	25	Ea.	\$ 6,250.00	\$156,250.00
91	Remove & Reinstall Existing Street Light Pole	7	Ea.	\$ 1,650.00	\$11,550.00
92	15' Decorative Street Light and Pole	6	Ea.	\$ 6,600.00	\$39,600.00
93	Remove & Deliver Existing Street Light Poles and Bracket Arm	1	LS	\$ 1,300.00	\$1,300.00
94	City Standard Junction Box, Type JB-1	1	LS	\$ 2,020.00	\$2,020.00
RIVER ROOTS-SPECIFIC ITEMS - (ITEMS 95 - 140)					
95	Gabion Retaining Walls	102	CY	\$ 258.00	\$26,316.00
96	PVC Piping & Connections	230	LF	\$ 72.00	\$16,560.00
97	Pex, 1" to Hand Pump (inc. fittings)	150	LF	\$ 21.00	\$3,150.00
98	Hand Pump	1	Ea.	\$ 2,650.00	\$2,650.00
99	Galvanized Steel and HDPE Overflows	5	Ea.	\$ 445.00	\$2,225.00
100	EPDM Liner System	14,000	SF	\$ 3.00	\$42,000.00

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ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
101	Stormwater Storage Tank & Associated Equipment	1	Ea.	\$ 10,400.00	\$10,400.00
102	Riprap Aprons (Reuse existing site materials)	4	Ea.	\$ 900.00	\$3,600.00
103	AASHTO # 57 washed aggregate (basin underdrain material at River Roots)	200	TON	\$ 45.00	\$9,000.00
104	Sandy Planting Medium (Imported Soil)	530	CY	\$ 71.00	\$37,630.00
105	Kalida St. Inlet Retrofitting (2) Piping/Fittings & street restoration	1	LS	\$ 24,500.00	\$24,500.00
106	Sidewalks / Pedestrian Medium Broom Finish (4" Thick)	2,100	SF	\$ 10.00	\$21,000.00
107	Concrete Stairs & Risers	1	LS	\$ 35,500.00	\$35,500.00
108	Salvaged Stone Treads	10	Ea.	\$ 740.00	\$7,400.00
109	Alternate - New Stone Treads	10	Ea.	\$ 1,250.00	\$12,500.00
110	Concrete Splash Block Assembly at Basin #6	1	LS	\$ 7,250.00	\$7,250.00
111	Educational Signage	4	Ea.	\$ 650.00	\$2,600.00
112	20"x26"x10' Stone Bench	3	Ea.	\$ 5,350.00	\$16,050.00
113	Trash Receptacles	4	Ea.	\$ 1,800.00	\$7,200.00
114	Corten Steel Channels	1	LS	\$ 21,000.00	\$21,000.00
115	Stair Railing	1	LS	\$ 8,400.00	\$8,400.00
116	Splash Block Tile Installation at Basin #6	1	LS	\$ 1,800.00	\$1,800.00
117	Install Water Creatures (placed in Gabions)	32	Ea.	\$ 79.00	\$2,528.00
118	Install Water Creatures (stone-mounted)	21	Ea.	\$ 72.00	\$1,512.00
119	Install Water Creatures (with cast-in-place footing)	21	Ea.	\$ 415.00	\$8,715.00
120	Install Sound Sculptures	6	Ea.	\$ 415.00	\$2,490.00
121	Wood Deck & Elevated Path	1	LS	\$ 57,000.00	\$57,000.00
122A	Boulders - Small	5	TON	\$ 1,500.00	\$7,500.00
122B	Boulders - Medium	40	TON	\$ 1,400.00	\$56,000.00
122C	Boulders - Large	45	TON	\$ 1,400.00	\$63,000.00
122D	Boulders - Extra Large	100	TON	\$ 1,400.00	\$140,000.00
123	Engraved Seating Stones - Square	15	TON	\$ 3,750.00	\$56,250.00
	CANOPY TREES				
124	- American Sweetgum	2	Ea.	\$ 770.00	\$1,540.00
125	- Tulip Poplar	2	Ea.	\$ 712.00	\$1,424.00
126	- Black Tupelo	3	Ea.	\$ 830.00	\$2,490.00
127	- Swamp White Oak	3	Ea.	\$ 865.00	\$2,595.00
128	- Shagbark Hickory	1	Ea.	\$ 905.00	\$905.00
129	- American Beach	1	Ea.	\$ 729.00	\$729.00
130	- Eastern Sycamore	1	Ea.	\$ 830.00	\$830.00
	ORNAMENTAL TREES				
131	- River Birch	4	Ea.	\$ 549.00	\$2,196.00
132	- American Hornbeam	3	Ea.	\$ 532.00	\$1,596.00

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ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
	SHRUBS				
133	- Blood Twig Dogwood	24	Ea.	\$ 61.00	\$1,464.00
134	- Oakleaf Hydrangea	22	Ea.	\$ 90.00	\$1,980.00
135	- Blue Beard	229	Ea.	\$ 53.50	\$12,251.50
136	- Virginia Sweet Spire	70	Ea.	\$ 58.50	\$4,095.00
	- GRASSES				
137	- Switchgrass	450	Ea.	\$ 15.00	\$6,750.00
138	- Prairie Drop seed	330	Ea.	\$ 15.00	\$4,950.00
139	Lawn Area Grass	18,000	SF	\$ 1.25	\$22,500.00
140	Water System Outflow Geogrid	180	SF	\$ 5.80	\$1,044.00
GENERAL ITEMS - APPLY TO LIBERTY GREEN, RIVER ROOTS, AND 62ND ST SITES (ITEMS 141 TO 144)					
141	Witness Barrier Installation	9,600	SY	\$ 1.30	\$12,480.00
142	Work Crew: Dump Truck and Operator, Excavator and Operator, and 2 Laborers	40	Hr	\$ 375.00	\$15,000.00
143	Deep Concrete Curb	40	LF	\$ 43.00	\$1,720.00
144	Maintenance and Protection of Traffic	1	LS	\$ 9,900.00	\$9,900.00
TOTAL BASE BID (ITEMS 1 THROUGH 144)					\$5,264,456.94

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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.	\$ 16.60	\$161,020.00
A.2	- Switch Grass (PV)	4400	Ea.	\$ 16.60	\$73,040.00
A.3	- Hay-scented Fern (DP)	508	Ea.	\$ 16.50	\$8,382.00
	HERBACEOUS PLANTS				
A.4	- Milkweed (AI)	110	Ea.	\$ 18.60	\$2,046.00
A.5	- Great Blue Lobelia (GBL)	187	Ea.	\$ 19.40	\$3,627.80
A.6	- Blue Stem Golden Rod (SC)	120	Ea.	\$ 19.40	\$2,328.00
	SHRUBS	<u>4</u>	Ea.	XXX	XXX
A.7	- Common Juniper (JUN)	3	Ea.	\$ 20.65	\$61.95
					\$250,505.75

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.	\$ 727.00	\$2,181.00
B.2	- Tulip Poplar	2	Ea.	\$ 667.00	\$1,334.00
B.3	- Black Tupelo	3	Ea.	\$ 786.00	\$2,358.00
B.4	- Swamp White Oak	3	Ea.	\$ 820.00	\$2,460.00
B.5	- Shagbark Hickory	1	Ea.	\$ 870.00	\$870.00
B.6	- American Beach	1	Ea.	\$ 684.00	\$684.00
B.7	- Eastern Sycamore	2	Ea.	\$ 785.00	\$1,570.00
	ORNAMENTAL TREES				
B.8	- River Birch	4	Ea.	\$ 415.00	\$1,660.00
B.9	- American Hornbeam	3	Ea.	\$ 655.00	\$1,965.00
	SHRUBS				
B.10	- Blood Twig Dogwood	23	Ea.	\$ 60.00	\$1,380.00
B.11	- Oakleaf Hydrangea	28	Ea.	\$ 92.65	\$2,594.20
B.12	- Blue Beard	102	Ea.	\$ 40.00	\$4,080.00
B.13	- Virginia Sweet Spire	44	Ea.	\$ 57.40	\$2,525.60
B.14	- Purple Osier Willow	19	Ea.	\$ 75.65	\$1,437.35
B.15	- Steeplebush	46	Ea.	\$ 50.00	\$2,300.00
	- GRASSES				
B.16	- Switchgrass	450	Ea.	\$ 33.80	\$15,210.00
B.17	- Prairie Drop seed	330	Ea.	\$ 34.60	\$11,418.00
RIVER ROOTS - ALTERNATE "B" ITEMS B.1 - B.17 (TOTAL X)					\$56,027.15
RIVER ROOTS - ITEMS 124 - 140 (SUBTOTAL Y)					\$69,339.50
DEDUCT ALTERNATE "B" (TOTAL X MINUS SUBTOTAL Y)					-\$13,312.35

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BASE BID TOTAL	\$5,264,456.94
ADD ALTERNATE "A" TOTAL	\$250,505.75
DEDUCT ALTERNATE "B" TOTAL	-\$13,312.35