

BID TABULATION
The Scramble - Interactive Streetscape on 1st St
Project No. R-18-004-201
City of Chattanooga, Tennessee

Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
GENERAL					
1	Surveying and Staking	LS (site)	1		
2	Fencing and Site Protection	LS (site)	1		
3	General Conditions, including mobilization, management, temporary facilities and controls, and all overhead expenses required to supervise and complete the work	LS (site)	1		
SITE WORK					
4	Demolition of existing site elements including sidewalks, stairs, asphalt, planted material, railings, and other man made items shown on plans, includes removal, disposal, and saw cutting as needed.	SF	530		
5	Common and/or Borrow Excavation and placement, compacted in place	LS	1		
6	Trench Rock Excavation	CY	20		
7	Undercut below subgrade as directed by testing agency	CY	50		
8	Backfill undercut areas with crushed stone as directed	CY	30		
9	Backfill undercut areas with offsite fill	CY	20		
11A	Waterproofing (EPDM Liner)	SF	3600		
11B	Waterproofing (Masterseal 581)	SF	150		
12	Tree Protection	1	LS		
13	Erosion Control- includes Inlet Protection, Silt Fence, Concrete Washout Area, and Construction Entrance	1	LS		
15	Stormwater connection to existing structures	LS	1		
16	Nyloplast structure with Envirohood	EA	1		
17	6" Ductile Iron Pipe, includes stone bedding and backfill as specified	LF	26		
18	Landscaping, includes planting soil, mulch, edge restraint and geotextile fabric as specified	SF	550		
19	Physocarpus opulifolius 'Little Devil' / Dwarf Ninebark - 7 gallon	EA	8		
20	Rhododendron cumberlandense/ Cumberland Azalea - 7 gal	EA	20		
21	Vaccinium pallidum/ Blueberry - 3 gal	EA	16		
22	Dennstaedtia punctilobula / Hay scented fern- 3 gal	EA	45		
23	Echinacea pallida/ Pale Purple Coneflower - 1 gal	EA	40		
24	Equisetum hyemale/ Horsetail Reed Grass- 3 gal	EA	8		
25	Eryngium yuccifolium/ Rattlesnake Master - 1 gal	EA	30		
26	Phlox subulata 'Emerald Blue'/ Emerald Blue Moss Phlox- 1 gal	EA	20		
27	Rudbeckia fulgida/ Black Eyed Susan- 3 gal	EA	30		
28	Solidago rugosa 'Fireworks'/ Winkleaf Goldenrod- 3 gal	EA	30		
29	Muhlenbergia capillaris/ Pink Muhly- 3 gal	EA	30		
30	Schizachyrium scoparium/ Little Bluestem Grass	EA	70		
31	Ficus pumila/ Creeping Fig	EA	10		

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32	New Ramble Paving within Scramble area	SF	1052		
CONCRETE					
33	8'-0" wide concrete steps Complete in Place.	LS	1		
34	Omitted				
35	Cast-in-place concrete - foundations/walls	LS	1		
36	Cast-in-place concrete - climbing wall structure	LS	1		
METALS					
37	Railings - railings for east steps	LF	34		
38	Railings - guardrail at top of climbing wall	LF	34		
SPECIAL CONSTRUCTION					
39	Safety Surface (includes 4" concrete underlay and stone subbase)	SF	456		
40	Sculpted Precast Cladding Installation	LS	1		
41	Sculpted Elements - Bench Installation	EA	5		
42	Sculpted Elements - Large Elements Installation	EA	2		
43	Sculpted Elements - Medium Elements Installation	EA	13		
44	Sculpted Elements - Small Elements Installation	EA	9		
45	Sculpted Elements - Water Chambers Installation	EA	3		
PLUMBING					
46	Water Systems - Pump, controllers, valves, etc.	LS	1		
47	Water Systems - New pipes	LS	1		
48	Water Systems- Dams and clean-outs at weir walls	EA	3		
49	Water Systems- Water Chambers	EA	3		
50	Water Systems - Pump well with track, cover	LS	1		
51	Irrigation Controller	EA	1		
52	Irrigation Piping, Valves	LS	1		
53	Drip Irrigation System	SF	960		
ELECTRICAL					
54	Electrical Systems - New panels	LS	1		
55	Electrical Systems - Conduit main	LS	1		
56	Electrical Systems- Conduit	LS	1		
57	Electrical Systems - pull boxes	EA	4		
58	Electrical Systems - grounding / bonding	LS	1		
59	Scramble element lights, single head	EA	8		

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60	Scramble element lights, double head	EA	15		
61	Scramble water chamber lighting, 2 fixtures each	EA	3		
62	Climbing wall lights- individual pockets	EA	16		
63	Climbing wall lights- curved element	EA	1		
64	Electrical Systems - misc.	LS	1		

Total Base Bid

Bid Alternates

ALT 1	Belgian blocks to remain in place and waterproofing to go over the existing conditions.	LS	1		
ALT 2	Replace concrete paving with ramble unit pavers (tan blend). Ref Sheet C2.0 for additional information	LS	1		
ALT 3	Contractor to include price for western portion of 1st Street Scramble as outlined on Sheet C2.1 At a minimum this alternate design includes the following: demolition, new ramble unit pavers, 3 sculpted benches, 4 sculpted elements with internal lighting, landscape and irrigation	LS	1		
ALT 4	Irrigation to be connected to the existing irrigation mainline without master valve for a deduct	LS	1		
ALT 5	Add alternate 5 is a series of options for the aggregate/granular fill to be utilized in filling the existing vault. Regardless of the aggregate/granular fill ultimately selected, the fill shall be placed in such a manner as to ensure the EPDM liner is not damaged or compromised. The aggregate/granular fill selected must comply with all criteria set forth in the structural drawings. The contractor is asked to provide pricing for the following Options A-D				
ALT 5A	Fill vault with recycled glass cullet for bottom	LS	1		
ALT 5B	Fill vault with recycled concrete aggregate only	LS	1		
ALT 5C	Fill vault with local rock aggregate	LS	1		
ALT 5D	Fill vault with recycled lightweight foamed glass aggregates (UL-FGA G15 from Aero Aggregates, 1500 Chester Pike, Eddystone, PA 19022, info@aeroaggregates.com, attn Archie Fishill, 610-447-8900)	LS	1		
ALT 6	Add interpretive sign. See Site Plan for proposed location. Fabrication and installation of the sign to be the responsibility of the contractor. Sign panel to be 36 inches by 24 inches and mounted straight, and not parallel to sloped grade. Footings shall be hidden. Sign to be an angled pedestal - double post system for mounting fossil custom high pressure graphics graffiti proof wayfinding sign (or approved equal). Contractor to submit shop drawings to artist and landscape architect for approval prior to fabrication and installation. Digital graphic content and text will be provided by the artist.	LS	1		
ALT 7A	Material Fabrication and delivery by artist. Price unloading, storage, staging and installation only	LS	1		
ALT 7B	GC to include material procurement and delivery by artist as well as GC unloading, storage, staging and installation.	LS	1		

Total Alternate Bid