

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 | 3800 | | |
| 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, atn 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
