

## **Addendum #1**

### **THE SCRAMBLE – INTERACTIVE STREETScape ON 1<sup>ST</sup> STREET**

#### **CONTRACT NO. R-18-004-201**

#### **Original Schedule per Advertisement**

Pre-Bid Meeting            March 5, 2019 at 10:00 am  
Last Day for Questions   March 15, 2019  
Bid Opening                April 9, 2019 at 2:00 pm

#### **Questions Received at pre-bid or via email**

1. Request to push out bid opening 1 week
  - a. Bid opening has been moved to April 9<sup>th</sup>, 2019 at 2:00PM.
2. Request to price foundation, stairs, and climbing Wall Line items as lump sum
  - a. line items #33, 35, 36 have been changed from cubic yard to lump sum
3. Request that Bid alternate 5D to be removed
  - a. Item to remain in bid
4. Are contractors required to price all alternates?
  - a. No, contractors can price any alternates they wish.
5. Request for additional vendors for recycled lightweight foamed glass per Alternate #5
  - a. If needed, it is the contractor's responsibility to find additional vendors
6. Request for compaction of aggregate material within the stormwater vault
  - a. All aggregate options to be compacted in 6-inch lifts with a vibratory compactor with its full dynamic force applied to achieve a flat surface.
7. Request Bid Tab Excel file to be provided to bidders
  - a. An excel file has been issued with this addendum. The bid tab has been updated as follows:
    - i. Line Item 11A – Waterproofing (EPDM Liner)
    - ii. Line Item 11B – Waterproofing (Masterseal 581)
    - iii. Line Item 32 – Updated quantities to 1,052 sf
    - iv. Line Item 33 – Unit changed to Lump Sum
    - v. Line Item 34 – Omitted
    - vi. Line Item 35 – Unit changed to Lump Sum
    - vii. Line Item 36 – Unit changed to Lump Sum
    - viii. Line Item 37 – Quantity changed to 34 linear feet
    - ix. Line Item 38 – Quantity changed to 34 linear feet
    - x. Line Item 39 – Quantity changed to 456 sf
    - xi. Line Item 47 – Unit changed to Lump Sum
    - xii. Line Item 52 – Unit and Quantity order corrected
    - xiii. Line Item 55 – Unit changed to Lump Sum
    - xiv. Line Item 60 – Quantity changed to 15
8. Line Item 45 – Water chamber installation includes both the basin and the sculpted cover

9. Alternate #1 Clarification: This item is for a potential deduction
10. Alternate #4 on Bid Schedule updated for clarity
11. Clarification on Alternate 7A and 7B
  - a. Alternates 7A and 7B only relate to the fabrication and delivery of Sculpted Elements by the project Artist Michael Singer Inc./ Singer Studio LLC (MSI). The Sculpted Elements are made from sculpted precast concrete with embedded stone and include Sculpted Benches, Sculpted Scramble Elements, Sculpted Water Chambers and Sculpted Veneer Elements. Please reference sheets C0.4 and S-0.1 for more information about these Sculpted Elements and the roles and responsibilities of the Contractor.
  - b. 7A should assume the City or a 3rd party will purchase the Sculpted Elements from MSI for delivery to the Contractor; in this arrangement the Contractor shall not be responsible for direct procurement with MSI including contracts, deposits, payments and other administrative costs.
  - c. 7B should assume that the Contractor is responsible for direct procurement of the Sculpted Elements with MSI including contracts, deposits, payments and other administrative costs. Please note in all cases MSI is only responsible for fabrication and delivery of the Sculpted Elements; this excludes any unloading, handling, storage, hardware, plumbing/electrical parts, waterproofing, lighting, installation or any other service or materials beyond the fabrication and delivery of the precast concrete and stone Sculpted Elements. Line items 40-45 of the bid tabulation should include all installation costs for each Sculpted Element including but not limited to unloading, handling, storage, installation and hardware; waterproofing, plumbing and plumbing parts should be covered in line item 49, all associated electrical work and lighting should be covered in line items 59-63.
12. Is an office trailer required?
  - a. No, site restraints will not allow the use of a trailer.
13. Will employee parking be provided?
  - a. Limited employee parking is available within the limits of construction. Contractors should make arrangements with nearby lot owners if additional employee parking is needed.
14. Will a laydown area be provided?
  - a. Space is limited onsite. Contractor may be required to store material offsite if needed.
15. Can you provide a detail for the form liner on the climbing wall?
  - a. The climbing wall surface is created with sculpted precast concrete veneers with embedded stone. There is no form liner for this surface. Please reference detail 3 on sheet S-6.
16. Are contractors required to provide Metolius holds for the climbing wall?
  - a. The aforementioned sculpted precast concrete and stone includes all surfaces and textures for the wall, no additional holds are to be provided

**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
<b>GENERAL</b>					
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		
<b>SITE WORK</b>					
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'/ Wrinkleleaf 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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Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
32	New Ramble Paving within Scramble area	SF	1052		
<b>CONCRETE</b>					
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		
<b>METALS</b>					
37	Railings - railings for east steps	LF	34		
38	Railings - guardrail at top of climbing wall	LF	34		
<b>SPECIAL CONSTRUCTION</b>					
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		
<b>PLUMBING</b>					
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		
<b>ELECTRICAL</b>					
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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The Scramble - Interactive Streetscape on 1st St  
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 City of Chattanooga, Tennessee

Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
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**

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**Bid Alternates**

ALT 1	Belgain 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 Filshill, 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**

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**PREBID MEETING  
CITY OF CHATTANOOGA  
1st St Scramble**

3/5/2019 10:00AM  
DRC Conference Room 2B

Attendance: \_\_\_\_\_

Name	Representing/Phone Number	Email Address
1.) BONNIE MUMPOWER DODSON	CoC/643 6031	BMUMPOWER@CHATTANOOGA.GOV
2.) Amanda Siegan	615-426-8405 / Stansell	asiegan@stansellelectrical.com
3.) MICHAEL MCBRYER	(423) 508-4888 / THOMAS	MIKE@TBCCINC.NET
4.) Daniel Smith	(423) 842-6233 / Thomas	dan@tbccinc.net
5.) Seth Williams	423-805-3863	SWilliams@yerbey.com
6.) Corey Weathers	423-624-0073	cweathers@nabcoelectric.com
7.) Micah DUFFEY	423-805-3700	mduffey@asaengineeringinc.com
8.) JEFF SIKES	" "	JSikes@asaengineeringinc.com
9.) Cody Jett	WBCCI 423-790-8085	Cjett@wbcci.com
10.) Cody Stubbetfield	423-582-6627	Cody.stubbetfield@emjcorp.com
11.) Brian Charlesworth	423-463-2979	BCharlesworth@wbcci.com
12.) Tanner Dodd	423-333-6634	tdodd@wbcci.com
13.) WES BONDZ	423 644 5809	W.BONDZ@TUPACKS.COM
14.) JASON BLACK	423-664-5480 / POC CONST	jason@pc-const.com
15.) Clay Oliver	423-343-6161	moliver@chattanooga.gov
16.) Cory Hollinghead	423-260-6713	chollinghead@asaengineering.com
17.) ALLEN JONES	423-805-4077	ajones@asaengineeringinc.com
18.) DEBBIE TALLEY	423-643-7230	dtalley@chattanooga.gov
19.) Calvin Ball	Tower Const. / 423 421 4619	calvin.ball@towerconstructionco.com
20.) Eric Booker	290-5707	ebooker@chattanooga.gov

Name	Representing/Phone Number	Email Address
21.) <u>Jim Williamson</u>	<u>River City 265 3700</u>	<u>jwilliamson@rivercitycompany.com</u>
22.) <u>Brandon Hughes</u>	<u>Adman Elec. 423-322-0551</u>	<u>BHughes@Admanelectric.com</u>
23.) <u>Jason Hargis</u>	<u>Adman Electric</u>	<u>jhargis@admanelectric.com</u>
24.) <u>Tyler Smith</u>	<u>Skilled Services LLC</u>	<u>tyler@skservicesllc.com</u>
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