

**ADDENDUM FOUR
WQ BMP (LANDSCAPE) MAINTENANCE
WARNER PARK
CONTRACT NO. S-17-001
CITY OF CHATTANOOGA, TENNESSEE**

The following changes shall be made to the Request For Proposals:

I. Extending Bid to March 10, 2017 by 4:00 PM.

II. Q&A

Q1. Does the 18" of bioretention soil need to be included on this bid?

A1. No, the site will be prepared with amended soil in place prior to planting.

Q2. Does the 12 month maintenance and warranty period need a unit price line item?

A2. As noted in Addendum One, the bid shall include a twelve month maintenance and warranty period for all plants. A revised Bid Schedule is attached to include Maintenance Services on monthly basis. The warranty for planting material is associated with the unit price per each plant variety.

Q3. Who will be responsible for watering the plant material?

A3. The planting basins have a pre-installed irrigation system which will be utilized as needed during the establishment period. Assistance with a watering schedule will be devised with the City's Landscape Inspector. Any additional watering will be the responsibility of the vendor to ensure plant survival which is a component of the maintenance period.

March 1, 2017

/s/ Justin C. Holland, Administrator
City of Chattanooga
Department of Public Works

Bid Schedule
Contract Number S-17-001
WQ BMP Maintenance (Landscape) Warner Park
City of Chattanooga

Item	Description	Approx. Quantity	Unit of Measure	Unit Price	Amount
2810	Trees				
	Acer rubrum'Brandywine', Brandywine Red Maple, 2" caliper B & B, compost complete-in-place	1	EA		
	Ilex cassine, Dahoon Holly, 1 gal container, compost complete-in-place	2	EA		
	Ilex vomitoria, Female Yaupon Holly, straight species, 4' min height, compost complete-in-place	2	EA		
	Ilex vomitoria, Male Yaupon Holly, straight species, 1 gal container, compost complete-in-place	2	EA		
	Liquidambar styraciflua 'Worplesdon', "Worplesdon" Sweetgum , 2" caliper B&B, compost complete-in-place	3	EA		
	Magnolia grandiflora 'Teddy Bear', Teddy Bear Magnolia, 4' min height , compost complete-in-place	3	EA		
	Nyssa sylvatica var. bicolor, Swamp Black Gum, 2" caliper B&B, compost complete-in-place	2	EA		
	Pinus taedus, Loblolly Pine, 4' min height , compost complete-in-place	2	EA		
	Pinus taedus, Loblolly Pine, 8' min height, B&B, compost, complete-in-place	2	EA		
	Platanus x 'Columbia', "Columbia" London Planetree, 2" caliper B&B, compost, complete-in-place	1	EA		
	Prunus caroliniana 'Monus', Carolina Laurel 'Bright n Tight', 6' min height , compost complete-in-place	4	EA		
	Prunus umbellata, Flatwoods Plum, 6' min height , compost complete-in-place	1	EA		
	Quercus lyrata, Overcup Oak, 2" caliper B & B, compost complete-in-place	2	EA		
	Quercus nigra, Water Oak, 2" caliper B & B, compost complete-in-place	1	EA		
	Quercus robur, English Oak, 2" caliper B & B, compost complete-in-place	1	EA		

Quercus phellos, Willow Oak, 2" caliper B & B, compost complete-in-place	1	EA	_____	_____
--	---	----	-------	-------

Shrubs

Myrica cerifera var. pumila, Dwarf Wax Myrtle aka Candleberry, Bayberry, 5 gal, with compost, complete-in-place	4	EA	_____	_____
---	---	----	-------	-------

Rhus aromatica 'Grow-Low', "Grow-Low" Fragrant Sumac, 3 gal, with compost, complete-in-place	9	EA	_____	_____
--	---	----	-------	-------

Ilex verticillata 'Berry Poppins' (female), "Berry Poppins" Winterberry, 2 gal, with compost, complete-in-place	15	EA	_____	_____
---	----	----	-------	-------

Ilex verticillata 'Mr. Poppins' (male), "Mr. Poppins" Winterberry, 1 gal, with compost, complete-in-place	2	EA	_____	_____
---	---	----	-------	-------

Ilex verticillata 'Roberta Case', "Berry Heavy Gold" Winterberry, 2 gal, with compost, complete-in-place	6	EA	_____	_____
--	---	----	-------	-------

Ilex verticillata Jim Dandy, "Jim Dandy" Winterberry, 1 gal, with compost, complete-in-place	2	EA	_____	_____
--	---	----	-------	-------

Hypericum densiflorum, Bushy St. John's Wort, 2 gal, with compost, complete-in-place	3	EA	_____	_____
--	---	----	-------	-------

Ilex vomitoria 'Nana', Dwarf Yaupon Holly , 3 gal, with compost, complete-in-place	12	EA	_____	_____
--	----	----	-------	-------

Ilex glabra 'Chamzin' , Nordic Inkberry, (Male), 2 gal, with compost, complete-in-place	7	EA	_____	_____
---	---	----	-------	-------

Ilex glabra 'Shamrock', "Shamrock" Inkberry Holly (Female), 2 gal, with compost, complete-in-place	35	EA	_____	_____
--	----	----	-------	-------

Itea virginica 'Henry's Garnet', Henry's Garnet Virginia Sweetpire, 1 gal, with compost, complete-in-place	3	EA	_____	_____
--	---	----	-------	-------

Malus sargentii 'Tina', "Tina" Sargent Crabapple , 3 gal, with compost, complete-in-place	2	EA	_____	_____
---	---	----	-------	-------

Herbaceous Plugs

Andropogon glomeratus, Bushy Broomsedge, 5" pot, complete-in-place	10	EA	_____	_____
--	----	----	-------	-------

Asclepius tuberosa, Orange Butterfly Weed, 5" pot, complete-in-place	12	EA	_____	_____
--	----	----	-------	-------

Achillea millefolium , Yarrow, Straight spp, 5" pot, complete-in-place	45	EA	_____	_____
--	----	----	-------	-------

Achillea millefolium 'Apple Blossom', "Apple Blossom" Yarrow, 5" pot, complete-in-place	25	EA	<hr/>	<hr/>
Bouteloua gracilis, Blue grama, 2" pot/plug, complete-in-place	20	EA	<hr/>	<hr/>
Carex apalachia, Appalachian Sedge, 2" pot/plug, complete-in-place	10	EA	<hr/>	<hr/>
Carex cherokeensis, Cherokee Sedge, 2" pot/plug, complete-in-place	10	EA	<hr/>	<hr/>
Carex grayii, Grays Sedge, 2" pot/plug, complete-in-place	80	EA	<hr/>	<hr/>
Carex pensylvanica, Pennsylvania Sedge, 2" pot/plug, complete-in-place	10	EA	<hr/>	<hr/>
Carex vulpinoidea, Fox Sedge, 5" pot, complete-in-place	30	EA	<hr/>	<hr/>
Coreopsis lanceolata 'Sterntaler', Sterntaler Lanceleaf Coreopsis, 2" pot/plug, complete-in-place	90	EA	<hr/>	<hr/>
Dalea purpurea, Purple Prairie Clover, 5" pot, complete-in-place	10	EA	<hr/>	<hr/>
Dennstaedtia punctilobula, Hay-Scented Fern, 5" pot, complete-in-place	10	EA	<hr/>	<hr/>
Deschampsia flexuosa, Wavy Hairgrass, 2" pot/plug, complete-in-place	10	EA	<hr/>	<hr/>
Diarrhena americana, American Beak-grass, 2" pot/plug, complete-in-place	10	EA	<hr/>	<hr/>
Doellingeria umbellata, Flat-topped Aster, 2" pot/plug, complete-in-place	15	EA	<hr/>	<hr/>
Echinacea pallida, Pale Purple Coneflower, 5" pot, complete-in-place	20	EA	<hr/>	<hr/>
Elymus hystrix, Bottle Brush Grass, 5" pot, complete-in-place	12	EA	<hr/>	<hr/>
Eragrostis spectabilis, Purple Lovegrass, 2" pot/plug, complete-in-place	60	EA	<hr/>	<hr/>
Eupatorium hyssopifolium, Hyssop-leaf Thoroughwort, 2" pot/plug, complete-in-place	30	EA	<hr/>	<hr/>
Euthamia graminifolia, Flat-top Goldentop, 2" pot/plug, complete-in-place	25	EA	<hr/>	<hr/>

Juncus effusus, Soft Rush, 50-count/flat plug, complete-in-place	50	EA	<hr/>	<hr/>
Liatris spicata , Gayfeather, 2" pot/plug, complete-in-place	8	EA	<hr/>	<hr/>
Liatris spicata 'Alba', White Gayfeather, 2" pot/plug, complete-in-place	12	EA	<hr/>	<hr/>
Panicum clandestinum, Deertongue Grass, 5" pot, complete-in-place	12	EA	<hr/>	<hr/>
Panicum virgatum 'Shenandoah', "Shenandoah" Switchgrass, 32-count/flats plug, complete-in-place	410	EA	<hr/>	<hr/>
Parthenium integrifolium, Wild Quinine, 5" pot, complete-in-place	8	EA	<hr/>	<hr/>
Pycnanthemum flexuosum, Appalachian Mountain Mint, 32-count/flats plug, complete-in-place	100	EA	<hr/>	<hr/>
Ratibida pinnata, Gray-headed Coneflower, 5" pot, complete-in-place	60	EA	<hr/>	<hr/>
Rudbeckia triloba, Brown-eyed Susan, 2" pot/plug, complete-in-place	15	EA	<hr/>	<hr/>
Schizachyrium scoparium, Little Bluestem, 32-count/flats plug, complete-in-place	340	EA	<hr/>	<hr/>
Senna marilandica, Maryland Senna, 1 gal pot, complete-in-place	4	EA	<hr/>	<hr/>
Sorghastrum nutans, Indiangrass, 2" pot/plug, complete-in-place	80	EA	<hr/>	<hr/>
Sporobolus heterolepsis, Prairie Dropseed, 32-count flats/plug, complete-in-place	120	EA	<hr/>	<hr/>
Verbena hastata, Blue Vervain aka Swamp Verbena, 5" pot, complete-in-place	10	EA	<hr/>	<hr/>
Zizia Aurea, Golden Alexanders, 2" pot/plug, complete-in-place	15	EA	<hr/>	<hr/>
Seed				
Ernst Mix XERC00102, Xerces Mid-Atlantic Pollinator Mix @ 8 lbs/ac	190	SF	<hr/>	<hr/>
Ernst Mix 122, FACW Meadow Mix @ 20 lbs/ac	240	SF	<hr/>	<hr/>
Ernst Mix 180-2, Southeast Rain Garden Mix @ 20 lbs/ac	430	SF	<hr/>	<hr/>

Ernst Mix 510, GA Ridge & Valley UPL Meadow Mix @ 20 lbs/ac	190	SF		
No-Mow Lawn Seed from Prairie Nursery @ 5 lbs/1000 sf	400	SF		
Roundstone Mix 211, Southern Bioswale Short Seed Mix @ 16 lbs/ac	240	SF		
Roundstone Mix 219, Southern Infiltration Basin Short Seed Mix @ 14lbs/ac	430	SF		
Roundstone Mix 221, Southern Infiltration Basin Mix @ 14 lbs/ac	430	SF		
Roundstone Mix 224, Southern Infiltration Basin Economy Mix @ 14 lbs/ac	430	SF		
Amendments				
Compost (Aged - per RMG specs) complete-in-place	12	CY		
Espoma Organic Soil Acidifier (Basin 2 per plans) complete-in-place	1400	SF		
Mulch & Matting				
Pine straw (complete-in-place)	105	CY		
Shred Hardwood Mulch (complete-in-place)	145	CY		
Straw Matting - Single Net (complete-in-place)	2700	SF		
Maintenance				
Landscape maintenance - not limited to weed & plant pathogens mgnt, removal, required watering during establishment period (outside of irrigation system - as defined by City's Landscape Inspector), to be paid out on monthly basis.	12	MO		
Total Bid				<u>\$0.00</u>