

BOARD OF TRUSTEES OF THE ST. LOUIS COUNTY LIBRARY DISTRICT

INVITATION FOR BID
Lawn & Landscape Maintenance

ADDENDUM #1
ISSUE DATE: February 2, 2024

The following Questions have been received regarding the St. Louis County Library District's Invitation for Bid for **Lawn & Landscape Maintenance**, dated January 25, 2024 (the "IFB"):

1. Is there a possibility I could see the existing schedule or past bid? What is the current budget?

On March 15, 2021 the Board approved a 3-year contract with Focal Pointe Outdoor Solutions for a total cost of \$350,226 for landscape maintenance services.

2. How many backflow preventers, controllers, and zones per property? Are they all accessible in case of emergency? Locations inside or outside?

Each building has one irrigation backflow preventer and one controller. Controllers are located inside each branch with two exceptions: Parkview and Weber Road.

3a. On the bid form, it does not have a place for pricing of the irrigation, price for mulch, price for BMP maintenance, etc. Is there an updated bid form? Where do you want to place pricing for these items?

3b. When I fill out the bid sheet in the Bid Packet, will the prices for each property include the cost of landscaping along with lawn care services? I just want to make sure my yearly price is correctly calculated.

Please use the revised bid form attached to this addendum. It will replace the form on page 14 of the original IFB.

4. Would it be possible to get the planting schedule for the new Clark Building referenced in the document?

Please see attached drawing

5. Do we have site maps for these properties showing the property lines?

Site maps are not available; however, St. Louis County's Parcel Viewer website may be helpful:

<https://stlcogis.maps.arcgis.com/apps/webappviewer/index.html?id=e70f8f1814a34cd7bf8f6766bd950c68/>

6. It does not appear as though maintenance for the native areas or the detention basin (not the BMP) is specifically spelled out. Is this to be included, or is it being handled by the installer?

- If it is included, the Prairie Moon website suggest maintaining the detention basin mix at 4"-8" until established, I would think monthly occurrences would be appropriate.
- If the native areas are included, is there specific instructions to follow, or should we propose what we recommend?

There are only two relatively small areas (one at Eureka Hills, one at the Beckwith Administrative Building) that fit the description of native planting areas not in a BMP basin. For the purpose of the bid, please ignore these two small areas.

----- End of Questions -----

St. Louis County Library Bid Response Sheet - Lawn & Landscape Maintenance

Firm: _____

Location	Cost to Mow/Trim/Edge (each instance)	Cost of Leaf Removal (each instance)	Annual Cost of Lawn Maintenance Program	Annual Cost of Irrigation Support (Startup, Inspection, Shutdown)	Annual Cost of BMP Maintenance & Report	Annual Cost of Mulch Installation
Beckwith Administration	\$	\$	\$	\$	\$	\$
Bridgeton Trails	\$	\$	\$	\$	\$	\$
Clark Family	\$	\$	\$	\$	\$	\$
Cliff Cave	\$	\$	\$	\$	\$	\$
Daniel Boone	\$	\$	\$	\$	\$	\$
Eureka Hills	\$	\$	\$	\$	\$	\$
Florissant Valley	\$	\$	\$	\$	\$	\$
Grand Glaize	\$	\$	\$	\$	\$	\$
Grant's View	\$	\$	\$	\$	\$	\$
Jamestown Bluffs	\$	\$	\$	\$	\$	\$
Lewis & Clark	\$	\$	\$	\$	\$	\$
Meramec Valley	\$	\$	\$	\$	\$	\$
Mid-County	\$	\$	\$	\$	\$	\$
Natural Bridge	\$	\$	\$	\$	\$	\$
Oak Bend	\$	\$	\$	\$	\$	\$
Parkview	\$	\$	\$	\$	\$	\$
Prairie Commons	\$	\$	\$	\$	\$	\$
Rock Road	\$	\$	\$	\$	\$	\$
Samuel Sachs (Branch only)	\$	\$	\$	\$	\$	\$
Samuel Sachs (Reading Garden)	\$	\$	\$	\$	\$	\$
Thornhill	\$	\$	\$	\$	\$	\$
Weber Road	\$	\$	\$	\$	\$	\$
Total	\$	\$	\$	\$	\$	\$

DECIDUOUS CANOPY TREES									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
14	AC RU	Acer rubrum	Frank Jr.	Redpointe Maple	3" Cal.	B & B	See Plan	B1/L7.401	
9	GL TR	Gleditsia triacanthos var. inermis	Skyline	Thornless Honeylocust	4" Cal.	B & B	See Plan	B1/L7.401	
3	NY SY	Nyssa sylvatica		Black Gum	3" Cal.	B & B	See Plan	B1/L7.401	
13	PL AC	Platanus x acerifolia	Morton Circle	EXCLAMATION™ London planetree	3" Cal.	B & B	See Plan	B1/L7.401	
18	QU BI	Quercus bicolor		Swamp White Oak	3" Cal.	B & B	See Plan	B1/L7.401	
1	QU MA	Quercus macrocarpa		Bur Oak	3" Cal.	B & B	See Plan	B1/L7.401	
3	QU RP	Quercus x warei	'Long' REGAL PRINCE	Regal Prince Oak	3" Cal.	B & B	See Plan	B1/L7.401	
12	LIL PA	Ulmus parvifolia	'Emer It' ALLEE	Allee Lacebark Elm	3" Cal.	B & B	See Plan	B1/L7.401	

DECIDUOUS ORNAMENTAL TREES									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
1	AC GR	Acer griseum		Paperbark Maple	2" Cal.	B & B	See Plan	B1/L7.401	
6	AM GR	Amelanchier x grandiflora	Autumn Brilliance	Autumn Brilliance Serviceberry	8" Ht. Min.	B & B	See Plan	B1/L7.401	Multi-stemmed
9	CE CA	Cercis canadensis	Merlot	Merlot Redbud	2" Cal.	B & B	See Plan	B1/L7.401	
4	CE RS	Cercis canadensis	The Rising Sun	The Rising Sun Redbud	2" Cal.	B & B	See Plan	B1/L7.401	
8	CO SW	Cornus x	Stellar White	Stellar White Dogwood	2" Cal.	B & B	See Plan	B1/L7.401	
9	MA GM	Magnolia virginiana	Green Mile	Green Mile Sweetbay Magnolia	2" Cal.	B & B	See Plan	B1/L7.401	
1	SY RE	Syringa reticulata		Japanese Tree Lilac	2" Cal.	B & B	See Plan	B1/L7.401	
27	VI RU	Viburnum rufidulum		Rusty Blackhaw Viburnum	8" Ht. Min.	B & B	See Plan	B1/L7.401	Multi-stemmed; Use 15 Gal. size where specified in detail 3/L7.101

EVERGREEN TREES									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
11	JU VI	Juniperus virginiana	'Corcoror'	Emerald Sentinel Juniper	8" Ht. Min.	B & B	See Plan	B2/L7.401	
16	JU TA	Juniperus virginiana	Taylor	Taylor Juniper	8" Ht. Min.	B & B	See Plan	B2/L7.401	
8	MA GR	Magnolia grandiflora		Southern Magnolia	3" Cal.	B & B		B1/L7.401	
23	PI AB	Picea abies		Norway Spruce	8" Ht. Min.	B & B	See Plan	B2/L7.401	
3	PI EC	Pinus echinata		Short-Leaf Pine	8" Ht. Min.	B & B	See Plan	B2/L7.401	
101	TH NP	Thuja occidentalis	'Art Boe' NORTH POLE	North Pole Arborvitae	8" Ht. Min.	B & B	See Plan	B2/L7.401	
46	TH GG	Thuja plicata x standishii	Green Giant	Green Giant Arborvitae	8" Ht. Min.	B & B	See Plan	B2/L7.401	

DECIDUOUS SHRUBS									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
13	ae pa	Aesculus parvifolia		Bottlebrush Buckeye	5 Gal.	Container	10" O.C.	C2/L7.401	24" Ht. Min.
193	ar me	Aronia melanocarpa	Autumn Magic	Black Chokeberry	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.
11	de cp	Deutzia gracilis	'Duncan' CHARDONNAY PEARLS	Chardonnay Pearls Deutzia	5 Gal.	Container	30" O.C.	C2/L7.401	24" Ht. Min.
222	di ko	Diervilla x	Kodiak Orange	Kodiak Orange Diervilla	5 Gal.	Container	36" O.C.	C2/L7.401	24" Ht. Min.
7	ha ve	Hamamelis vernalis		Witch Ham	5 Gal.	Container	10" O.C.	C2/L7.401	24" Ht. Min.
15	hy an	Hydrangea arborescens	Annabelle	Annabelle Smooth Hydrangea	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.
15	hy gg	Hydrangea quercifolia	Gatsby Gal	Gatsby Gal Hydrangea	5 Gal.	Container	60" O.C.	C2/L7.401	24" Ht. Min.
104	hy th	Hydrangea quercifolia	Little Honey	Little Honey Hydrangea	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.
6	hy li	Hydrangea paniculata	Little Lime	Little Lime Panicle Hydrangea	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.
27	li be	Lindera baccata		Spicebush	5 Gal.	Container	72" O.C.	C2/L7.401	24" Ht. Min.
58	rh ar	Rhus aromatica		Fragrant Sumac	5 Gal.	Container	72" O.C.	C2/L7.401	24" Ht. Min.
112	rh gr	Rhus aromatica	Gro-Low	Gro-Low Sumac	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.

EVERGREEN SHRUBS									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
71	ju gr	Juniperus virginiana	Grey Owl	Grey Owl Juniper	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.
125	ta de	Taxus x media	Densiformis	Densiformis Yew	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.
19	ta me	Taxus x media	Taunton	Taunton Yew	5 Gal.	Container	36" O.C.	C2/L7.401	24" Ht. Min.
9	ta st	Taxus x media	Stonehenge	Stonehenge Yew	5 Gal.	Container	36" O.C.	C2/L7.401	24" Ht. Min.
13	th fc	Thuja occidentalis	Fire Chief	Fire Chief Arborvitae	5 Gal.	Container	36" O.C.	C2/L7.401	24" Ht. Min.

ORNAMENTAL GRASSES AND SEDGES									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
49	cb	Calamagrostis brachytricha		Reed Grass	1 Gal.	Container	24" O.C.	C4/L7.401	
145	ck	Calamagrostis x acutiflora	Karl Foerster	Feather Reed Grass	1 Gal.	Container	24" O.C.	C4/L7.401	
588	cz	Carex flacca	Blue Zinger	Blue Zinger Sedge	1 Qt.	Container	12" O.C.	C4/L7.401	
609	hm	Hakonechloa macra		Japanese Forest Grass	1 Qt.	Container	12" O.C.	C4/L7.401	
702	pn	Panicum virgatum	Northwind	Northwind Switchgrass	1 Gal.	Container	24" O.C.	C4/L7.401	

HERBACEOUS PERENNIALS									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
299	ab	Agastache	Blue Fortune	Blue Fortune Hyssop	1 Qt.	Container	18" O.C.	C4/L7.401	
69	ah	Amsonia hubrichtii		Hubricht's Bluestar	1 Gal.	Container	30" O.C.	C4/L7.401	
23	ar	Aralia cordata	Sun King	Sun King Japanese Spikenard	1 Gal.	Container	36" O.C.	C4/L7.401	
115	ap	Astilbe chinensis	'Purplekaze' PURPLE CANDLE	Purple Candle Chinese Astilbe	1 Qt.	Container	18" O.C.	C4/L7.401	
273	ge	Geranium macrorrhizum	Bevan's Variety	Bevan's Variety Geranium	1 Qt.	Container	18" O.C.	C4/L7.401	
32	nc	Nepeta	Cat's Pajamas	Cat's Pajamas Catmint	1 Qt.	Container	18" O.C.	C4/L7.401	
61	or	Oreganum	Drops of Jupiter	Drops of Jupiter Oregano	1 Gal.	Container	24" O.C.	C4/L7.401	
386	ph	Penstemon digitalis	Husker Red	Husker Red Beardtongue	1 Qt.	Container	12" O.C.	C4/L7.401	
79	pb	Perovskia atriplicifolia	Blue Jean Baby	Blue Jean Baby Russian Sage	1 Gal.	Container	24" O.C.	C4/L7.401	
70	pf	Persicaria amplexicaulis	Firetail	Firetail Mountain Fleece	1 Gal.	Container	36" O.C.	C4/L7.401	
123	ru	Rudbeckia	American Goldrush	American Goldrush Black-Eyed Susan	1 Qt.	Container	18" O.C.	C4/L7.401	

BIORETENTION AREA - DECIDUOUS SHRUBS									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
11	ih bh	Ilex verticillata	Berry Heavy	Berry Heavy Winterberry	5 Gal.	Container	72" O.C.	C2/L7.401	24" Ht. Min.
2	ih jd	Ilex verticillata	Jim Dandy	Jim Dandy Winterberry	5 Gal.	Container	48" O.C.	C2/L7.401	24" Ht. Min.
48	ih rs	Ilex verticillata	'Nana' RED SPRITE	Red Sprite Winterberry	5 Gal.	Container	30" O.C.	C2/L7.401	24" Ht. Min.
2	ih sq	Ilex verticillata	Southern Gentleman	Southern Gentleman Winterberry	5 Gal.	Container	72" O.C.	C2/L7.401	24" Ht. Min.

BIORETENTION AREA - HERBACEOUS PERENNIALS									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
349	ai	Amsonia illustris		Shining Bluestar	1 Qt.	Container	24" O.C.	C4/L7.401	
155	cl	Coreopsis lanceolata		Lanceleaf Coreopsis	1 Qt.	Container	12" O.C.	C4/L7.401	
27	eu	Eupatorium perfoliatum		American Boneset	1 Qt.	Container	36" O.C.	C4/L7.401	
152	fl	Rudbeckia fulgida		Orange Coneflower	1 Qt.	Container	24" O.C.	C4/L7.401	
118	ss	Solidago speciosa		Goldrod	1 Qt.	Container	24" O.C.	C4/L7.401	
398	so	Symphoricarpos oblongifolium	October Skies	October Skies Aster	1 Qt.	Container	18" O.C.	C4/L7.401	
24	ve	Veronicastrum virginicum		Culver's Root	1 Gal.	Container	24" O.C.	C4/L7.401	

BIORETENTION AREA - ORNAMENTAL GRASSES									
QTY	SYM	BOTANICAL NAME	CULTIVAR	COMMON NAME	SIZE	METHOD	SPACING	DETAIL	COMMENTS
50	mu	Muhlenbergia capillaris		Pink Muhlygrass	1 Gal.	Container	24" O.C.	C4/L7.401	
243	pm	Panicum virgatum	Heavy Metal	Heavy Metal Switchgrass	1 Gal.	Container	24" O.C.	C4/L7.401	
195	ps	Panicum virgatum	Shenandoah	Shenandoah Switchgrass	1 Gal.	Container	24" O.C.	C4/L7.401	
205	sc	Schizachyrium scoparium		Little Bluestem	1 Gal.	Container	24" O.C.	C4/L7.401	
70	sp	Sporobolus heterolepis		Prairie Dropseed	1 Gal.	Container	24" O.C.	C4/L7.401	

NATIVE SEED MIX									
DRY-MESIC SAVANNA SEED MIX									
GRASSES/ SEDGES 40%:									
Andropogon virginicus	Broom Sedge	Achillea millefolium	Common Yarrow	Monoarda fistulosa		Horsemint			
Baccharis curtipendula	Sideoats Grama	Agastache hyssopifolia	Anise Hyssop	Parthenium integrifolium		Wild Quinine			
Bromus pubescens	Heavy Woodland Brome	Butterfly Milkweed	Butterfly Milkweed	Pentstemon digitalis		Foxglove Beardtongue			
Carex bicknellii	Bicknell's Sedge	Aromatic Aster	Aromatic Aster	Ratibida columnifera		Prairie coneflower			
Carex blanda	Common Wood Sedge	Cream Wild Indigo	Cream Wild Indigo	Rudbeckia hirta		Black Eyed-Susan			
Carex brevior	Prairie Sedge	Lance-Leaved Coreopsis	Lance-Leaved Coreopsis	Rudbeckia subtomentosa		Sweet Coneflower			
Carex grayi	Globe Sedge	Coreopsis tricolor	Coreopsis tricolor	Rudbeckia triloba		Brown Eyed Susan			
Elymus canadensis	Canada Wildrye	Dalea purpurea	Purple Prairie Clover	Solidago nemoralis		Gray Goldenrod			
Elymus hystrix	Bottlebrush Grass	Pale Purple Coneflower	Pale Purple Coneflower	Solidago ulmifolia		Elm Leaved Goldenrod			
Elymus virginicus	Virginia Wild Ryegrass	Echinacea purpurea	Purple Coneflower	Symphoricarpos drummondii		Drummond Aster			
Schizachyrium scoparium	Little Bluestem	Eryngium yuccifolium	Rattlesnake Master	Symphoricarpos laevis		Smooth Aster			
Sporobolus heterolepis	Prairie Dropseed	Equisetum perfoliatum	Common Boneset	Tradescantia virginiana		Ohio Spiderwort			
SEEDING RATE: 20 LBS/ACRE		Helopsis helianthoides	Oxeye Sunflower	Verbena stricta		Hoary Vervain			
COVER CROP: TBD		Desmodium illinoense	Slender Lespedeza	Veronica batwinii		Baldwin's Ironweed			
		Liatris aspera	Rough Blazing Star	Zizia aurea		Golden Alexander			
		Liatris pycnostachya	Prairie Blazing Star						

DETENTION BASIN SEED MIX BY PRAIRIE MOON NURSERY
9.44 lbs per acre ; 307 Seeds per sq/ft
https://www.prairiemoon.com/detention-basin-mix.html

PLANTING MATRIX																								
AREA	PLANTING MATRIX	PLANT 1 %	PLANT 1 SPACING	PLANT 1 QTY	PLANT 2 %	PLANT 2 SPACING	PLANT 2 QTY	PLANT 3 %	PLANT 3 SPACING	PLANT 3 QTY	PLANT 4 %	PLANT 4 SPACING	PLANT 4 QTY	PLANT 5 %	PLANT 5 SPACING	PLANT 5 QTY	PLANT 6 %	PLANT 6 SPACING	PLANT 6 QTY	PLANT 7 %	PLANT 7 SPACING	PLANT 7 QTY	COMMENTS	
5155	SF	PLANTING MATRIX M1	40%	18" O.C.	1071	60%	24" O.C.	911	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	REFERENCE SCHEDULE BELOW: PLANT 1: ru Rudbeckia 'American Goldrush' PLANT 2: sp Sporobolus heterolepis	
961	SF	PLANTING MATRIX M2	70%	18" O.C.	346	30%	24" O.C.	85	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	REFERENCE SCHEDULE BELOW: PLANT 1: cm Carex muskingumensis PLANT 2: pb Perovskia atriplicifolia 'Blue Jean Baby'	
2633	SF	PLANTING MATRIX M3	20%	18" O.C.	275	10%	18" O.C.	141	10%	12" O.C.	309	20%	12" O.C.	613	15%	18" O.C.	208	10%	18" O.C.	141	15%	18" O.C.	208	REFERENCE SCHEDULE BELOW: PLANT 1: as Allium 'Summer Beauty' PLANT 2: ca Calamintha nepeta 'Montrose White' PLANT 3: ik Liatris spicata 'Kobold' PLANT 4: se Sesleria autumnalis PLANT 5: sy Symphyotrichum novae-angliae 'Purple Dome' PLANT 6: ru Rudbeckia 'American Goldrush' PLANT 7: st Stachys officinalis 'Hummelo'
212	SF	PLANTING MATRIX M4	20%	12" O.C.	50	50%	24" O.C.	32	30%	18" O.C.	34	0%	0	0%	0	0%	0	0%	0	0%	0	0	REFERENCE SCHEDULE BELOW: PLANT 1: ec Echinacea purpurea PLANT 2: sp Sporobolus heterolepis PLANT 3: sy Symphyotrichum novae-angliae 'Purple Dome'	
374	SF	PLANTING MATRIX M5	15%	24" O.C.	18	60%	12" O.C.	261	10%	18" O.C.	21	15%	18" O.C.	31	0%	0	0%	0	0%	0	0%	0	REFERENCE SCHEDULE BELOW: PLANT 1: br Brunnera macrophylla 'Alexander's Great' PLANT 2: ch Carex laxiculmis 'Hobb' BUNNY BLUE PLANT 3: ce Carex oshimensis 'Everillo' PLANT 4: ha Heuchera villosa 'Autumn Bride'	
2739	SF	PLANTING MATRIX M6	30%	12" O.C.	951	30%	12" O.C.	951	40%	24" O														

Pursuant to the terms of the IFB, all terms and conditions of the IFB which are not hereby modified, remain unchanged. Bidder shall acknowledge receipt of this Addendum #1 by signing below and returning the Addendum #1. This acknowledgement must be received by the Library by the time specified for receipt of IFB responses (1:30 PM February 9, 2024), addressed and delivered to the following:

Steve Hunter
St. Louis County Library District
1412 S. Spoeede Road
St. Louis, Missouri 63131

[Signature Page to Follow]

End of Addendum #1

I hereby acknowledge receipt of Addendum #1 to the Board of Trustees of the St. Louis County Library District's Invitation for Bid for Lawn & Landscape Maintenance, dated January 25, 2024.

Company

Signature

Title

Date