Great Rivers Greenway

LIVE LIFE OUTSIDE

November 7, 2016

RE: Great Rivers Greenway District
River des Peres Greenway Lansdowne to Francis Slay Park
Federal Project Number: CMAQ 9900 (674)
Burns & McDonnell Project Number: 87832
Addendum Number 01

Organizations intending to submit a bid on Centennial Greenway Phase IIA are hereby advised of the Following additions and modifications to the bidding documents:

1. Below are responses to questions received by the construction manager.

a. **Question** – Can a copy of the pre-bid attendance list be provided?
Answer – Attendance list at pre-bid meeting is attached to Addendum 1.

b. **Question** - Are you able to provide a plan holders listing?
Answer – Plan Holders listing is attached to this addendum.

c. **Question** - Item number 11 Asphaltic Concrete Overlay is bid by the SY. The specs state that the thickness varies from 2 to 4". This item should be bid by the TON not the SY, how am I supposed to know how much material to put into my bid?
Answer – Bid Item 11 is changed from square yards to tons. Revised bid form, 2B sheet 1 and Job Special Provision 107 is included in Addendum 1.

2. JSP 91 is replaced with the attached job special provision. An allowance of $10,000 is included for the permit and any railroad flagging required. The sample agreement from JSP 91 remains unchanged and is not redistributed in Addendum 1.

3. JSP 203 is replaced with the attached job special provision.

Great Rivers Greenway

LIVE LIFE OUTSIDE

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ACKNOWLEDGEMENT
ADDENDUM NO. 1

(Please Sign and Include With Bid)

Addendum Received By: _____ Date _____
(Signature of Authorized Representative)

Name: _____ Title: _____
(Printed Name of Authorized Representative)

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Sincerely,

Dennis Koscielski, P.E.
Design Team Project Manager

DK/DK

cc: MoDOT – Vince G. Kaimann & Randall Glaser
GRG – Todd Antoine & Angelica Gutierrez
Construction Manager – Eric Kuehn & Gordon Raney
DGRE Studio – Kristy DeGuire & Sara Runge

Great Rivers Greenway District
River Des Peres Greenway, Lansdowne to Francis Slay Park
January 12, 2017
Federal Project Number: CMAQ-9900(674)
BMCD NO. 69264/81172/87832

PRE-BID MEETING AGENDA

1. **Introductions – *Please sign in***
   - A. Great Rivers Greenway District
   - B. Burns & McDonnell
   - C. DG2 Design
   - D. Kozeny Wagner
   - E. City of St. Louis (if present)
   - F. MoDOT (if present)

2. **Project Overview**
   - A. Description of the Scope of Work:
     - (i) 1.8-mile trail for the River Des Peres Greenway
     - (ii) Grading
     - (iii) Paving
     - (iv) Utility Adjustments
     - (v) SWPPP Installation/Maintenance
     - (vi) Landscaping.
     - (vii) Project Art/Painting
   - B. Time required completing the project.
     - (i) Completion Date: November 30, 2017
   - C. All questions/inquiries shall be submitted in writing via email, fax or letter form.
     Contact Person: Eric Kuehn, 636.296.2012, ekuehn@kozenywagner.com, and
     Gordon Raney, 636.296.2012, graney@kozenywagner.com
   - D. Questions to be received by: January 18, 2017 by 5:00 pm CST.
   - E. Bids to be received by Great Rivers Greenway District until 2:00PM (prevailing local time) on January 26, 2017, at the office of Great Rivers Greenway District, 6174 Delmar Boulevard, St. Louis, MO 63112, and at that time will be publicly opened.

3. **Right-of-Way Status**

4. **Federal & State Wage Rates**

5. **DBE Participation**
   - A. Goal: 14.0%
   - B. On the Job Trainee: 1
   - C. Minimum Good Faith Effort:
     Bidder must demonstrate that they made good faith efforts to achieve participation with DBE firms. This requires that the bidder show that it took all necessary and reasonable steps to secure participation by certified DBE firms.

Actions constituting evidence of good faith efforts are described in Appendix A to 49 CFR Part 26. Such actions include but are not limited to:

- Soliciting DBE participation through all reasonable and available means. This may include public advertisements and phone calls/faxes to known certified DBE firms.
- Consult State Department of Transportation office to obtain a list of certified DBE firms.
- Selecting portions of the work that increases the likelihood that DBE firms will be available to participate.
- Providing DBE firms with sufficient information and time to review the project plans and specifications.
- Document all contacts with DBE firms. This includes name, address, phone number, date of contact, and record of conversation/negotiation.

6. Keys to Construction

A. Coordination with Construction Manager, Engineer, and the General Public
B. Driveway Access.
C. Tree Clearing by March 31.
D. Stormwater BMP's.
E. ADA Compliance.
F. Bridge Reconfiguration
G. I-44 Underpass
H. Electrical System
I. Add Alternates: BMP Maintenance
Painting Elements

7. Utilities/Coordination

A. Ameren MO, AT&T, Charter Communications
B. Metro
C. BNSF Railway

8. Job Special Provisions

A. Adoption of St Louis City/MoDOT/MSD standards.
B. Permits Obtained (JSP-10 through JSP-20, JSP-90 and JSP-91).
C. Volume 1- Project Manual
D. Volume 2- Job Special Provisions and Supplemental Information

9. Contractor Questions

A. Questions/inquiries shall be submitted no later than 5:00 P.M., January 18, 2017.

Great Rivers Greenway District
River Des Peres Greenway, Lansdowne to Francis Slay Park
Pre-Bid Meeting
1/12/2017

Company	Name	Phone Number	Email
KOZENY WAGNER	ERIC KUEHN	636.296.2012	ekuehn@KOZENYWAGNER.com
Mike Benigno ⇔	Kozeny Wagner	314.899 6050	mbenigno@kozenywagner.com
Chuck Risley	Gershenson	314-576-8035	CRisley@gershenson.com
Dennis Koscielski	Burns & McDonnell	314 682 1509	dkoscielski@burnsmcd.com
Great Rivers Greenway	Angelica Gutierrez	314 443 4924	agutierrez@grgstl.org
STAAT TUCKPOINTING	Fred Buck	314 393 0671	fred@staatinc.com
Spencer Contracting	Tony Spencer	314-843-5166	tony@spencercontracting.com
PANGEA GROUP	JOHN SAULNIER	314-333-0638	JSAULNIER@PANGEA-GROUP.COM
TRC OUTDOOR	Chris Rhodes	314-827-5664	Chris@TRCOUTDOOR.com
C. RALLO CONTRACTING	MAT MISSEY	314-664-2900	mathewm@crallo.com
DSM Ecological	Christa Cunningham	314-518-4756	CCunningham@dsmecological.com
MILLSTONE WEBER	BILL VONDERA	314-220-1912	bill.vondera@millstoneweber.com
STAAT	JOHN MINTON	314-743-0669	johne staatinc.com

Plan Holders List
Project: CMAQ 9900 (674)

Name (First)	Name (Last)	Company	Phone Number	Email	Entry Date
Lourd	Abad	Construct Connect	3236025079 x 75121	lourd.philip.abad@cmdgroup.com	1/5/2017 10:35
Ralph	Smith	Meyer Electric	314-365-1267	wmralphsmith2@gmail.com	1/5/2017 10:45
Roxanne	Wallace	Gershenson Construction Co.	636-938-9595	rwallace@gershenson.com	1/5/2017 11:25
Rebecca	White	Ideal Landscape Construction, Inc.	3148929500	white.rebecca@idealandscape.com	1/5/2017 11:44
Raven	Webster	ePlan	5734477130	eplan@eplanbidding.com	1/5/2017 12:21
Alex	Johnston	Lane Construction	815-342-7051	ARJohnston@laneconstruct.com	1/5/2017 12:26
Cindy	Thorne	Midwest Construction Services & Products	16363377290	crtmwconstruction@yahoo.com	1/5/2017 12:28
Sarah	Kaczmarowski	Southern Illinois Builders Association	6186249055	projects@siba-agc.org	1/5/2017 12:28
Kaleena	Menke	KPFF Consulting Engineers	3148350524	kaleena.menke@kpff.com	1/5/2017 12:31
source	management	Onvia Inc	2063739500	sourcemgmt@onvia.net	1/5/2017 12:41
Paul	Reitz	Reitz & Jens	314-993-4132	preitz@reitzjens.com	1/5/2017 12:43
Austin	DeSain	The Clayton Engineering Company	314-692-8888	adesain@claytoneng.com	1/5/2017 12:48
Mark	Haynes	C. Rallo Contracting Co., Inc.	314-633-9703	markh@crallo.com	1/5/2017 12:51
Eric	Van Cleave	Soil Retention	7609666090	evancleave@soilretention.com	1/5/2017 12:53
Todd	Black	Contech	913-216-3818	tblack@conteches.com	1/5/2017 13:06
Kelly	Sommer	Pangea, Inc.	314-333-0608	ksommer@pangea-group.com	1/5/2017 13:27
Roy	Gross	St Louis Composting Inc.	314-581-6372	rgross@stlcompost.com	1/5/2017 13:30
Shawn	Garland	ECO Constructors	3146983550	shawn@eco-constructors.com	1/5/2017 13:38
Mark	Grumke	Stika Brothers	3147798448	grumkegc@gmail.com	1/5/2017 13:44
Thom	Schwetye	Building Works Inc	3146472841	tschwetye@buildingworksinc.com	1/5/2017 14:05
Chris	Mazurek	KAI Design & Build	314-754-6379	cmazurek@kai-db.com	1/5/2017 14:19
Bill	Vondera	Millstone Weber	636-949-0038	bill.vondera@millstoneweber.com	1/5/2017 14:50
David	Killion	Clipper Tree & Landscape	3148140809	dave@clippertreeservice.com	1/5/2017 15:09
Darrell	Baker	Dynamic Controls	314-925-4814	darrell.baker@dciusa.com	1/5/2017 15:58
Tom	Huster	KCI Construction	314-200-6473	tomhuster@kciconstruction.com	1/5/2017 16:27
Scott	Meyer	Meyer Painting Co.	636-938-9813	scott@meyerpaintingco.com	1/6/2017 7:46
Justin	Zimpfer	NB West Contracting	314-210-3356	jzimpfer@nbwest.com	1/6/2017 7:47
Dan	Gillyon	Reinhold Electric	314-256-6139	dgillyon@reinholdelectric.com	1/6/2017 8:19
Jim	Berry	American Precast Concrete	818-532-1223	jim@apcfences.com	1/6/2017 10:14
Christy	Cunningham	DJM Ecological Services, Inc.	3145184786	ccunningham@djmecological.com	1/6/2017 14:06
Eric	Ramsey	Big Dogs Contracting L.L.C.	618 -791-0129	bigdogscontracting@hotmail.com	1/6/2017 14:11
Bob	Prince	Spencer Contracting Co.	314-843-5166	bob.prince@spencercontracting.com	1/6/2017 14:28
Christopher	Finn	Pace Construction Company	(314) 524-7223	cfinn@paceconstructionstl.com	1/6/2017 15:57
Matt	Austin	Inventure Civil	6363469245	AustinM@InventureCivil.com	1/9/2017 8:03
Joan	Kasten	MoboTrex, Inc.	563-323-0009	jkasten@mobotrex.com	1/9/2017 9:16
Samantha	Strautmann	Anova Furnishings	314-755-1236	Samantha@anovafurnishings.com	1/9/2017 9:57
Dennis	Koscielski	Burns & McDonnell Engineering, Inc.	3146821509	dkoscielski@burnsmcd.com	1/9/2017 14:16
Marissa	Ashabranner	Vee-Jay Cement Contracting Co., Inc.	314-351-3366	marissaa@veejaycement.com	1/9/2017 14:41
Wayne	Marks	Sunnyside Nursery,Inc	636-456-8743	sunnysidenursery@centurytel.net	1/11/2017 11:11
Gary	Righi	TROCO Custom Fabricators	3147816060	gary.troco@sbcglobal.com	1/11/2017 13:54
Tim	Van Leer	Cochran	314-842-4033	tvanleer@cochraneng.com	1/12/2017 7:29
william	ross	atk safety supply	6362740802	atksafetysupply@sbcglobal.net	1/12/2017 9:23
Will	Sanders	A-Plus Contractors LLC	636-498-1790	a-pluscontractors@outlook.com	1/12/2017 20:30
Tim	Parker	Missouri Petroleum	314-378-3911	timp@missouripetroleum.com	1/16/2017 13:38
Leon	Keller	Meyer Electric Co., Inc.	573-893-2335	leon@meyerelectric.net	1/16/2017 14:54
Chuck	Caverly	Native Landscape Sol	3145447918	chuckc@nativelandscape.biz	1/16/2017 16:35
Jim	Orbin	Concrete Strategies LLC	314-568-8760	orbinj@concretestrategies.com	1/17/2017 10:32

JSP 91 – BNSF RAILWAY REQUIREMENTS AND PERMIT

1.0 Introduction.

1.1 BNSF Railway has established terms and conditions under which the Railway will allow the Great Rivers Greenway and its contractors to enter in and upon the Railway's real property, right of way, tracks and other facilities (Railway Property) to perform the contractor's work relating to this project.

Contractor shall include an allowance of $10,000 in their bid for the cost of the BNSF Railway permit and flagging for the work included in this job special provision. All other work shall be incidental to the project for this item (insurance, overhead, etc.).

1.2 To report an emergency on the Railway, call: (888) 877-7267.

1.3 The project location is:

River Des Peres Greenway
Metro to Slay Park
Federal I.D. Number: CMAQ-9900(674)
RdP trail crossing under BNSF Railway

1.4 Definitions of terms set forth in the current edition of the Missouri Standard Specifications for Highway Construction shall be applicable to those terms as used in these Railroad Requirements.

2.0 Contractor to be Signatory on Agreement Between Great Rivers Greenway and BNSF Railway

The contractor agrees to be a Signatory on an Agreement between Great Rivers Greenway and the BNSF Railway. A copy of the agreement, as currently drafted, with all required terms and conditions addressing Contractor's requirements and responsibilities is attached to the Job Special Provision.

3.0 Construction Requirements

Contractor shall comply will all requirement of BNSF Railway permit. Contractor shall supply to Engineer proof of compliance before commencing any work within Railway Property.

4.0 Method of Measurement

Compliance with all requirements for becoming a signatory to the agreement between Great Rivers Greenway and BNSF shall not be measured and be paid "Lump Sum". ~~The "Lump Sum" payment~~ The allowance shall include all railroad flagging, BNSF permit fees, ~~labor, materials, permit fees, insurance fees,~~ and other costs associated with compliance with all requirements for being a signatory to the agreement. All labor, materials, insurance fees and other costs necessary to complete the project shall be incidental to the project (no direct pay).

5.0 Basis of Payment.

5.1 Payment for **"BNSF Railway Requirements and Permit"** will be ~~made at the contract unit bid price and paid "Lump Sum"~~ completed at time and material basis using the allowance for the permit and railroad flagging.

5.1.1 Payment for railroad flagging as required by the agreement signed by the Contractor, Great Rivers Greenway and BNSF Railway will be made by ~~Great Rivers Greenway~~ the Contractor.

~~**5.1.2** Great Rivers Greenway will deduct from the Contractor's total payment by use of a project change order, all payments made for railroad flagging. The change order for deducting railroad flagging cost will be executed by Engineer upon Contractor's completion of work within BNSF Railway Property.~~

5.1.3 Contractor shall supply a contract unit bid price for the "BNSF Railway Requirements and Permit" utilizing the agreement terms as supplied in this Job Special Provision, JSP 21. Should agreement terms be altered by BNSF Railway in the intervening period between contract bid and execution of the Agreement between Contractor, Great Rivers Greenway, and BNSF Railway, Contractor shall notify Engineer and request an adjustment to the ~~Contract Unit Price~~ $10,000 allowance.

<< End of JSP-91 >>

JSP 203 – DECORATIVE PEDESTRIAN GUARDRAIL

01. SCOPE

A. This work shall consist of all necessary earthwork, equipment, materials and labor for the furnishing and installing of Decorative Pedestrian Guardrail at the locations shown on the plans.

B. Fencing shall be painted black.

C. All pedestrian guardrails shall accommodate all loads (lateral loads for example) required by local permitting agencies.

D. Manufacturer of fencing shall provide a 20-year paint coating warranty to City of St. ~~Charles~~ Louis.

E. All fencing shall be raked to follow the finish grade slopes of the completed project.

F. The contractor shall supply a decorative pedestrian guardrail system that exhibits the same general characteristics of strength, workmanship and style as those shown on Montage II Majestic Style industrial grade 1-inch square picket 14 gauge guardrail manufactured by Ameristar Guardrail Products, Inc., in Tulsa, Oklahoma. The system shall include all components such as panels, posts, gates, and hardware required. No spikes on guardrail system.

~~G.~~ Coordinate decorative pedestrian guardrail location with locations shown on plans ~~retaining wall systems. Guardrail at living retaining wall system foundations shall be provided for on the living retaining wall shop drawings.~~

H. Submittals: The manufacturer's information shall be submitted prior to installation. Manufacturer's warranty upon substantial completion shall be provided.

I. Quality Assurance: The contractor shall provide laborers and supervisors who are thoroughly familiar with the type of construction involved and materials and techniques specified.

J. Product Handling and Storage: Upon receipt at the job site, all materials shall be checked to ensure that no damage occurred during shipping or handling. Materials shall be stored in such a manner to ensure proper ventilation and draiange, and to protect against damage, weather, vandalism and theft.

02. MATERIALS

A. Steel: Steel material for guardrail panels and posts shall conform to the requirements of ASTM A653/A653M, with a minimum yield strength of 45,000 psi (310 MPa) and a minimum zinc (hot-dip galvanized) coating weight of 0.90 oz/ft2 (276 g/m2), Coating Designation G-90. A minimum of 62% of the steel material shall be derived from recycled scrap metal. Furnish 1-piece fabric widths for fencing up to 12 feet high.

B. Pickets: Material for pickets shall be 1" square x 14 Ga. tubing. The rails shall be steel channel, 1.75" x 1. 75" x .105". Picket holes in the rail shall be spaced 4.715" o.c. Guardrail posts and gate posts shall meet the minimum size requirements of Table 1.

Table 1 – Minimum Sizes for Posts

Guardrail Posts	Panel Height
2-1/2" x 12 Ga.	Up to & Including 6' Height

C. Fabrication:

i. Pickets, rails and posts shall be pre-cut to specified lengths. Rails shall be pre-punched to accept pickets.

ii. Pickets shall be inserted into the pre-punched holes in the rails and shall be aligned to standard spacing using a specially calibrated alignment fixture. The aligned pickets and rails shall be joined at each picket-to-rail intersection by welding process, thus completing the rigid panel assembly.

iii. The manufactured panels and posts shall be subjected to an inline electrodeposition coating (E-Coat) process consisting of a multi-stage pretreatment/wash (with zinc phosphate), followed by a duplex application of an epoxy primer and an acrylic topcoat. The minimum cumulative coating thickness of epoxy and acrylic shall be 2 mils (0.058 mm). The color shall be Black. The coated panels and posts shall be capable of meeting the performance requirements for each quality characteristic shown in Table 2.

Table 2 – Coating Performance Requirements		
Quality Characteristics	ASTM Test Method	Performance Requirements
Adhesion	D3359 – Method B	Adhesion (Retention of Coating) over 90% of test area (Tape and knife test).
Corrosion Resistance	B117, D714 & D1654	Corrosion Resistance over 1,500 hours (Scribed per D1654; failure mode is accumulation of 1/8" coating loss from scribe or medium #8 blisters).
Impact Resistance	D2794	Impact Resistance over 60 inch lb. (Forward impact using 0.625" ball).
Weathering Resistance	D822 D2244, D523 (60˚ Method)	Weathering Resistance over 1,000 hours (Failure mode is 60% loss of gloss or color variance of more than 3 delta-E color units).

iv. The manufactured guardrail system shall be capable of meeting the vertical load, horizontal load, and infill performance requirements for Industrial weight guardrails under ASTM F2408.

03. EXECUTION

A. Preparation: All new installation shall be laid out by the contractor in accordance with the construction plans.

B. Installation: Guardrail post shall be set according to the manufacturer's requirements. Guardrail panels shall be attached to posts with brackets supplied by the manufacturer.

C. Installation Maintenance: When cutting/drilling rails or posts adhere to the following steps to seal the exposed steel surfaces.

i. Remove all metal shavings from cut area.

ii. Apply zinc-rich primer to thoroughly cover cut edge and/or drilled hole; let dry.

iii. Apply 2 coats of custom finish paint matching guardrail color. Failure to seal exposed surfaces per steps 1-3 above will negate warranty. Spray cans or paint pens shall be used to prime and finish exposed surfaces; it is recommended that paint pens be used to prevent overspray.

D. Cleaning: After completing installation, inspect all components; remove spots, dirt, and debris. Contractor shall repair damaged finishes to match original finish or replace component at No Direct Pay.

E. Comply with manufacturer's written installation guidelines.

04. METHOD OF MEASUREMENT

Each section of **"Decorative Pedestrian Guardrail"** completed shall be measured to the nearest linear foot and shall include all labor, equipment, footings, excavations, touch up painting and materials necessary to install the **"Decorative Pedestrian Guardrail"**.

05. BASIS OF PAYMENT

Payment for **"Decorative Pedestrian Guardrail"** will be made per linear foot and at the contract unit bid price, and paid for under item number: **JSP-203**.

<< End of JSP-203 >>

JSP-107A – BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)

JSP-107B – ASPHALTIC CONCRETE OVERLAY, (BP-1)

01. SCOPE

This work shall include all labor and equipment necessary to create "**Bituminous Pavement Mixture PG64-22, (BP-1)**" mixtures to be hauled, placed, and compacted.

This work shall include all labor and equipment necessary to create "**Asphaltic Concrete Overlay, (BP-1)**" mixtures to be hauled, placed, and compacted. "**Asphaltic Concrete Overlay, (BP-1)**" shall vary in thickness from 2-inches to 4-inches as needed to match the design cross slopes.

Where called for on the Project Drawings, in the details, or as instructed by the Project Engineer, place and compact bituminous pavement mixtures to the depth specified on the plans.

02. MATERIALS

Material shall conform to the Missouri Department of Transportation Standard Specifications, Division 1000 Materials Details, specifically as follows:

Section 401.2.2 – Plant Mix Bituminous Base and Pavement Incorporating Reclaimed (RAP or RAS) Asphaltic Pavement
Section 1004.2 – Coarse Aggregate
Section 1002.3 – Fine Aggregate
Section 1002.4 – Mineral Filler
Section 1002.5 – Hydrated Lime
Section 1015 – Asphalt Binder, Performance Graded (PG)

The grade of asphalt cement will be PG 64-22 unless required by mix design or specified otherwise in the contract.

03. EXECUTION

Contractor shall provide in submittal package to Construction Manager a previously approved MoDOT, St. Louis City ~~St. Charles County~~ or St. Louis County job mix formula for use on the project. The job mix formula for this pay item shall be a tightly graded mix such as a MoDOT BP-1 mix, St. Charles Type C mix, or St. Louis County Type C mix.

Contractor shall carefully perform placement and compaction of bituminous pavement as indicated on the plans and at locations designated by Engineer. Contractor shall verify the limits of Bituminous Pavement construction prior to placement.

All materials and construction requirements shall conform to the Missouri Department of Transportation current edition of Standard Specifications for Highway Construction. *(Section 401)*

04. METHOD OF MEASUREMENT

Each section of **"Bituminous Pavement Mixture PG64-22, (BP-1)"** completed shall be measured by the ton and shall include all labor, equipment, incidentals, etc. materials necessary to install the **"Bituminous Pavement Mixture PG64-22, (BP-1)"**.

Each section of "**Asphaltic Concrete Overlay, (BP-1)**" completed shall be measured by the square yard and shall include all labor, equipment, incidentals, etc. materials necessary to install the "**Asphaltic Concrete Overlay, (BP-1)**".

05. BASIS OF PAYMENT

Payment for **"Bituminous Pavement Mixture PG64-22, (BP-1)"** will be made by the ton at the contract unit bid price, and paid for under item number: **JSP-107A**.

Payment for "**Asphaltic Concrete Overlay, (BP-1)**" will be made by the tons ~~square yard~~ at the contract unit bid price, and paid for under item number: **JSP-107B**.

<< End of JSP-107 >>

SUMMARY OF QUANTITIES (SHEET 1 OF 5)

SUMMARY OF QUANTITIES (ROADWAY ITEMS)

ITEM NUMBER	BID ITEM	SPEC REFERENCE	BID CATEGORY	DESCRIPTION	UNITS	PROJECT QUANTITY	ENGINEER'S DISCRETION	DISCRETION QUANTITY	BID QUANTITY	C-013	C-014	C-101	C-102	C-103	C-104	C-105	C-106	C-107	C-108	C-109	C-110	C-111	C-112	C-113	C-114	C-115	C-611	C-612	C-613	C-614	C-615	C-621	C-622	C-623	C-624	C-625	U-101	U-102	U-103	U-104	U-105	U-106	U-107	U-108	U-109	U-110	U-111	U-112	U-113	U-114	U-115	C-406	C-407	C-408
1	JSP-90		BASE BID	MoDOT PERMIT	LS	1	0%	0	1																																														
2	JSP-91		BASE BID	BNSF PERMIT	LS	1	0%	0	1																																													
3	JSP-16010A		BASE BID	LIGHT STANDARD RELOCATION (INCLUDES CABLE/CONDUIT) (CITY LIGHTING)	EA	19	0%	0	19																														2	2	1	1	3	2						2	2	2			
4	JSP-101	MoDOT 201	BASE BID	CLEARING AND GRUBBING	AC	0.4	0%	0	0.4		0.4																																											
5	JSP-102	MoDOT 202	BASE BID	REMOVAL OF IMPROVEMENTS	LS	1	0%	0	1																																												
6	JSP-103	MoDOT 203	BASE BID	CLASS A EXCAVATION	CY	8,231	0%	0	8,231			219	632	444	765	965	794	135	213		444	1,115	668	750	578	509																															
7	JSP-104	MoDOT 203	BASE BID	CLASS C EXCAVATION	CY	1,583	0%	0	1,583								187	1,396																																				
8	JSP-105	MoDOT 203	BASE BID	COMPACTING EMBANKMENT	CY	2,338	0%	0	2,338			113	37	37	47	28	144	69			507	309	84	511	318	134																														
9	JSP-106	MoDOT 304	BASE BID	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (ROADWAY)	SY	6,992	0%	0	6,992				7	28	16	7	274	650	82		1,795	1,859	929	1,226	93	26																														
10	JSP-107A	MoDOT 401	BASE BID	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	TON	1,522	0%	0	1,522				2	7	4	2	61	145	19		399	414	207	244	12	6																														
11	JSP-107B	MoDOT 401	BASE BID	ASPHALTIC CONCRETE OVERLAY, (BP-1)	~~SY~~	~~10,120~~	0%	0	~~10,120~~				~~878~~	~~1,155~~	~~1,077~~	~~840~~	~~1,117~~	~~99~~					~~935~~	~~575~~	~~1,994~~	~~1,451~~																														
12	JSP-108	MoDOT 401	BASE BID	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TON	1,522	0%	0	1,522				2	7	4	2	61	145	19		399	414	207	244	12	6																														
13	JSP-109		BASE BID	COLD MILL	SY	9,902	0%	0	9,902				878	1,155	1,077	840	1,117						935	455	1,994	1,451																														
14	JSP-110A		BASE BID	EMULSIFIED ASPHALT, SEAL COAT	GAL	4,007	0%	0	4,007				291	767	725	618	570	496	540																																				
15	JSP-110B		BASE BID	SEAL COAT AGGREGATE, GRADE A2	SY	10,013	0%	0	10,013				727	1,917	1,812	1,544	1,425	1,239	1,349																																				
16	JSP-111	MoDOT 408	BASE BID	PRIME COAT	GAL	2,394	0%	0	2,394				3	10	6	3	96	228	29		629	651	326	385	19	9																														
17	JSP-112	MoDOT 407	BASE BID	TACK COAT	GAL	831	0%	0	831				45	60	55	43	70	33	5		90	93	83	80	103	71																														
18	JSP-113A	MSD	BASE BID	MSD AREA INLET	EA	5	0%	0	5																	2																					1	1				1			
19	JSP-113B	MSD	BASE BID	MSD MANHOLE	EA	7	0%	0	7																1	1																				1					2			
20	JSP-113C	MSD	BASE BID	MSD CURB INLET	EA	8	0%	0	8											1	2																									1	1							
21	JSP-113D	MSD	BASE BID	MSD CURB INLET (TRAPPED)	EA	5	0%	0	5												1																										2					1			
22	JSP-113E	MSD	BASE BID	MSD DOUBLE CURB INLET	EA	5	0%	0	5																																					1		3						
23	JSP-113F	MSD	BASE BID	MSD DOUBLE CURB INLET (TRAPPED)	EA	12	0%	0	12																	2																					1				3	4			
24	JSP-113G	MSD	BASE BID	MSD GRATE INLET	EA	6	0%	0	6																	3																				3								
25	JSP-113H	MSD	BASE BID	MSD GRATE INLET (TRAPPED)	EA	8	0%	0	8											2	2																																	
26	JSP-113I		BASE BID	GRATE INLET WITH CURB OPENING (TRAPPED)	EA	2	0%	0	2											1																			1															

ITEM TOTAL = 1,976 TONS

no.	date	by	ckd	description
0	12/15/16	JB	DK	ISSUED FOR BID

MSD PROJECT NO.: P-0030739-00
MSD BASE MAP NO.: 21J, 22J, 23J

STATE OF MISSOURI
DENNIS J. KOSCIELSKI
NUMBER PE-2005000712
PROFESSIONAL ENGINEER
12/15/16

DENNIS J. KOSCIELSKI
PROFESSIONAL ENGINEER
LICENSE NO. 2005000712

BURNS McDONNELL

Burns & McDonnell Engineering, Inc.
Professional Engineering Corporation
MO Certificate of Authority #000165

425 South Woods Mill Road
Saint Louis, MO 63017
314-682-1500

date	detailed
November 2016	J. Birke
designed	checked
J. Birke	D. Koscielski

Great Rivers Greenway

RIVER DES PERES GREENWAY
LANSDOWNE TO FRANCIS SLAY PARK
SUMMARY OF QUANTITIES

project	contract
81172 / 87832	

drawing **2B-1 - 0**

sheet of sheets
file

Scale For Microfilming
Millimeters
Inches

BID FORM: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
			FEDERAL REIMBURSEMENT BASE BID ITEMS				
1	JSP-90	BASE BID	MoDOT PERMIT	LS	1.0		
2	JSP-91	BASE BID	BNSF PERMIT	LS	1.0		
3	JSP-16010A	BASE BID	LIGHT STANDARD RELOCATION (INCLUDES CABLE/CONDUIT) (CITY LIGHTING)	EA	19.0		
4	JSP-101	BASE BID	CLEARING AND GRUBBING	AC	0.4		
5	JSP-102	BASE BID	REMOVAL OF IMPROVEMENTS	LS	1.0		
6	JSP-103	BASE BID	CLASS A EXCAVATION	CY	8,231.0		
7	JSP-104	BASE BID	CLASS C EXCAVATION	CY	1,583.0		
8	JSP-105	BASE BID	COMPACTING EMBANKMENT	CY	2,338.0		
9	JSP-106	BASE BID	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (ROADWAY)	SY	6,992.0		
10	JSP-107A	BASE BID	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)	TON	1,522.0		
11	JSP-107B	BASE BID	ASPHALTIC CONCRETE OVERLAY, (BP-1)	TON ~~SY~~	1,976 ~~10,120.0~~		
12	JSP-108	BASE BID	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TON	1,522.0		
13	JSP-109	BASE BID	COLD MILL	SY	9,902.0		
14	JSP-110A	BASE BID	EMULSIFIED ASPHALT, SEAL COAT	GAL	4,007.0		
15	JSP-110B	BASE BID	SEAL COAT AGGREGATE, GRADE A2	SY	10,013.0		
16	JSP-111	BASE BID	PRIME COAT	GAL	2,394.0		
17	JSP-112	BASE BID	TACK COAT	GAL	831.0		
18	JSP-113A	BASE BID	MSD AREA INLET	EA	5.0		
19	JSP-113B	BASE BID	MSD MANHOLE	EA	7.0		
20	JSP-113C	BASE BID	MSD CURB INLET	EA	8.0		
21	JSP-113D	BASE BID	MSD CURB INLET (TRAPPED)	EA	5.0		
22	JSP-113E	BASE BID	MSD DOUBLE CURB INLET	EA	5.0		
23	JSP-113F	BASE BID	MSD DOUBLE CURB INLET (TRAPPED)	EA	12.0		
24	JSP-113G	BASE BID	MSD GRATE INLET	EA	6.0		
25	JSP-113H	BASE BID	MSD GRATE INLET (TRAPPED)	EA	8.0		
26	JSP-113I	BASE BID	GRATE INLET WITH CURB OPENING (TRAPPED)	EA	2.0		
27	JSP-114A	BASE BID	12" CLASS III RCP	LF	380.0		
28	JSP-114B	BASE BID	18" CLASS III RCP	LF	125.0		
29	JSP-115	BASE BID	GUARDRAIL TYPE A	LF	1,150.0		
30	JSP-116	BASE BID	TYPE A CRASHWORTHY END TERMINAL	EA	1.0		
31	JSP-117	BASE BID	6" CONCRETE MEDIAN STRIP	SY	365.0		
32	JSP-118	BASE BID	CONCRETE CURB TYPE S	LF	10,180.0		
33	JSP-119	BASE BID	CURB AND GUTTER TYPE B	LF	86.0		
34	JSP-120	BASE BID	PCC STRUCTURAL CURB	LF	242.0		
35	JSP-121	BASE BID	12" WIDE CONCRETE CURB	LF	3,336.0		
36	JSP-122	BASE BID	CURB CUT	EA	17.0		
37	JSP-123A	BASE BID	CONCRETE TRAFFIC BARRIER, TYPE C (RETAINING WALL)	LF	492.0		
38	JSP-123B	BASE BID	CONCRETE TRAFFIC BARRIER, TYPE C TRANSITION SECTION	EA	2.0		
39	JSP-124	BASE BID	MOBILIZATION	LS	1.0		
40	JSP-125	BASE BID	CONTRACTOR SURVEYING AND STAKING	LS	1.0		
41	JSP-126	BASE BID	PROTECTION AND RESTORATION OF SITE	LS	1.0		
42	JSP-127	BASE BID	CONCRETE CURB TYPE F	LF	104.0		

BID FORM: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
43	JSP-128	BASE BID	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1.0		
44	JSP-129	BASE BID	WATER POLLUTION CONTROL MANAGER	WEEK	45.0		
45	JSP-130	BASE BID	COMPOST SOCK SILT BARRIER	LF	9,357.0		
46	JSP-131	BASE BID	SEDIMENT REMOVAL	CY	111.0		
47	JSP-132	BASE BID	INLET PROTECTION	EA	54.0		
48	JSP-133	BASE BID	EROSION CONTROL BLANKET	SY	12,657.0		
49	JSP-134	BASE BID	TEMPORARY SEEDING AND MULCHING	AC	3.0		
50	JSP-135	BASE BID	COMPOST SOCK DITCH CHECK	EA	15.0		
51	JSP-136	BASE BID	WASHDOWN STATION	EA	2.0		
52	JSP-137	BASE BID	CONSTRUCTION ENTRANCE	EA	2.0		
53	JSP-138	BASE BID	TEMPORARY CONTRACTOR ACCESS	LS	1.0		
54	JSP-139	BASE BID	TYPE 1 TURF REINFORCEMENT MAT	SY	731.0		
55	JSP-140	BASE BID	OUTLET PROTECTION MAT	SF	432.0		
56	JSP-201	BASE BID	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK) (PEDESTRIAN)	SY	9,985.0		
57	JSP-202A	BASE BID	CONCRETE PAVEMENT (6" NON-REINF)	SY	5,445.0		
58	JSP-202B	BASE BID	CONCRETE PAVEMENT (8" NON-REINF)	SY	1,364.0		
59	JSP-202C	BASE BID	RASIED PEDESTRIAN CROSSING (CONCRETE PAVEMENT - 6" TO 10" NON-REINF)	SY	513.0		
60	JSP-203	BASE BID	DECORATIVE PEDESTRIAN GUARDRAIL	LF	735.0		
61	JSP-204	BASE BID	CONCRETE SIDEWALK	SY	814.0		
62	JSP-205	BASE BID	STAINED CONCRETE SIDEWALK	SY	397.0		
63	JSP-206	BASE BID	DETECTABLE WARNING PANELS	SF	971.0		
64	JSP-207	BASE BID	CONCRETE CURB RAMP (CONCRETE PAVEMENT - 7" NON-REINF)	SY	1,096.0		
65	JSP-208A	BASE BID	ROLLED CONCRETE GUTTER	LF	1,372.0		
66	JSP-208B	BASE BID	ROLLED CONCRETE GUTTER COVER	EA	1.0		
67	JSP-209	BASE BID	INSTALL OWNER FURNISHED BIKE COUNTERS	EA	2.0		
68	JSP-210	BASE BID	PCC CARRIAGE WALKS	EA	20.0		
69	JSP-301A	BASE BID	24" SOLID WHITE PAVEMENT MARKING	LF	2,731.0		
70	JSP-301B	BASE BID	12" SOLID WHITE PAVEMENT MARKING	LF	995.0		
71	JSP-301C	BASE BID	6" SOLID WHITE PAVEMENT MARKING	LF	14,510.0		
72	JSP-301D	BASE BID	6" INTERMITTENT WHITE PAVEMENT MARKING	LF	1,850.0		
73	JSP-301E	BASE BID	4" SOLID YELLOW PAVEMENT MARKING	LF	11,565.0		
74	JSP-301F	BASE BID	4" INTERMITTENT YELLOW PAVEMENT MARKING	LF	270.0		
75	JSP-301G	BASE BID	LEFT TURN ARROW MARKING	EA	15.0		
76	JSP-301H	BASE BID	RIGHT TURN ARROW MARKING	EA	4.0		
77	JSP-301I	BASE BID	LEFT/THRU ARROW MARKING	EA	4.0		
78	JSP-301J	BASE BID	RIGHT/THRU ARROW MARKING	EA	4.0		
79	JSP-301K	BASE BID	WHITE YIELD PAVEMENT MARKING	SF	54.0		
80	JSP-301L	BASE BID	SHARROW PAVEMENT MARKING	EA	1.0		
81	JSP-301M	BASE BID	12" SOLID YELLOW PAVEMENT MARKING	LF	319.0		
82	JSP-302B	BASE BID	ROADWAY SIGNS	SF	348.0		
83	JSP-302D	BASE BID	ROADWAY GROUND MOUNTED SIGN POST	EA	48.0		
84	JSP-302E	BASE BID	RELOCATE OR RESET SIGNS ON NEW POST	EA	8.0		
85	JSP-302F	BASE BID	RELOCATE OR RESET SIGNS ON EXISTING POST	EA	8.0		
86	JSP-302G	BASE BID	RELOCATE SIGNS TO LIGHT STANDARD OR POWER POLE	EA	8.0		

BID FORM: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
87	JSP-16010B	BASE BID	PULL BOX, PREFORMED CLASS 1 (CITY TRAFFIC SIGNALS AND LIGHTING)	EA	12.0		
88	JSP-16010C	BASE BID	PUSH BUTTON STANCHION (1 BUTTON) (CITY TRAFFIC SIGNALS)	EA	11.0		
89	JSP-16010D	BASE BID	PUSH BUTTON STANCHION (2 BUTTON) (CITY TRAFFIC SIGNALS)	EA	3.0		
90	JSP-16010E	BASE BID	PEDESTAL POST ON TYPE C CONCRETE BASE WITH PEDESTRIAN PUSH BUTTON AND COUNTDOWN PEDESTRIAN SIGNAL HEAD (CITY TRAFFIC SIGNALS)	EA	1.0		
91	JSP-16010F	BASE BID	COUNTDOWN PEDESTRIAN SIGNAL HEAD (CITY TRAFFIC SIGNALS)	EA	17.0		
92	JSP-16010G	BASE BID	2" HDPE CONDUIT (INCLUDES WIRING) (CITY TRAFFIC SIGNALS)	LF	906.0		
93	JSP-16010H	BASE BID	2" HDPE CONDUIT WITH TRACER WIRE (CITY FUTURE FIBER)	LF	10,400.0		
94	JSP-16010I	BASE BID	CLASS II PVC IN GROUND PULL BOX (CITY FUTURE FIBER)	EA	19.0		
95	JSP-310	BASE BID	SINGLE-SIDED RECTANGULAR RAPID FLASHING BEACON WITH PEDESTRIAN PUSH BUTTON (SOLAR POWERED)	EA	4.0		
96	JSP-311	BASE BID	REMOVE AND RELOCATE SOLAR POWERED SPEED DISPLAY SIGN	EA	1.0		
97	JSP-16010J	BASE BID	POWER SUPPLY ASSEMBLY, TYPE 1, 240/120 VOLT SERVICE, LIGHTING (POWER SUPPLY)	EA	1.0		
98	JSP-16010P	BASE BID	BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT (PANEL)	EA	1.0		
99	JSP-16010K	BASE BID	1.25-INCH RACEWAYS (RMC) - BRIDGE MOUNTED (MoDOT)	LF	344.0		
100	JSP-16010L	BASE BID	1.25-INCH RACEWAYS (HDPE) - TRENCHED AND/OR BORED (MoDOT)	LF	245.0		
101	JSP-16010M	BASE BID	#10 AWG CABLE (MoDOT)	LF	1,586.0		
102	JSP-16010N	BASE BID	#10 AWG CABLE (GROUND) (MoDOT)	LF	793.0		
103	JSP-16010O	BASE BID	LUMINAIRE, 150 WATT HIGH PRESSURE SODIUM (UNDERPASS)	EA	15.0		
104	JSP-315A	BASE BID	CONSTRUCTION SIGNS	SF	1,956.0		
105	JSP-315B	BASE BID	CHANNELIZER	EA	1,560.0		
106	JSP-315C	BASE BID	TYPE III MOVABLE BARRICADE	EA	36.0		
107	JSP-315D	BASE BID	CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED / CONTRACTOR RETAINED	EA	4.0		
108	JSP-315E	BASE BID	TYPE 1 PREFORMED REMOVABLE MARKING TAPE	LF	25,530.0		
109	JSP-315F	BASE BID	FLASHING ARROW PANEL	EA	8.0		
110	JSP-315G	BASE BID	IMPACT ATTENUATOR (8 SAND BARRELS)	EA	1.0		
111	JSP-315H	BASE BID	TUBULAR MARKER (YELLOW)	EA	72.0		
112	JSP-316	BASE BID	TEMPORARY CONCRETE TRAFFIC BARRIER	LF	312.5		
113	JSP-501	BASE BID	REMOVE AND REPLACE BARRIER CURB	LF	327.0		
114	JSP-502	BASE BID	REMOVAL OF SLAB DRAINS	EA	24.0		
115	JSP-503	BASE BID	PARTIAL REMOVAL OF EXISTING BRIDGE APPROACH SLAB	SF	300.0		
116	JSP-504	BASE BID	PARTIAL REMOVAL OF WINGWALL	LF	26.0		
117	JSP-505	BASE BID	SCARIFICATION OF BRIDGE DECKS	SY	340.0		
118	JSP-506A	BASE BID	REMOVAL OF EXISTING DECK REPAIRS	SF	50.0		
119	JSP-506B	BASE BID	TOTAL SURFACE HYDRO DEMOLITION	SY	340.0		
120	JSP-506C	BASE BID	MONOLITHIC DECK REPAIR	CY	2.0		
121	JSP-507	BASE BID	COVERED INLET EXTENSION	LS	1.0		
122	JSP-508	BASE BID	LATEX MODIFIED CONCRETE	SY	340.0		
123	JSP-509	BASE BID	SLAB DRAINS	EA	24.0		
124	JSP-510	BASE BID	DRAINAGE SYSTEM (ON STRUCTURE)	EA	3.0		
125	JSP-511	BASE BID	MODIFICATION OF DRAINAGE SLOTS	EA	23.0		
					FEDERAL REIMBURSEMENT SUBTOTAL =		

BID FORM: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
			NON-FEDERAL REIMBURSEMENT BASE BID ITEMS				
126	JSP-141A	BASE BID	AMENDED SOIL BMP 1A	SY	202.0		
127	JSP-141B	BASE BID	AMENDED SOIL BMP 7B	SY	315.0		
128	JSP-141C	BASE BID	AMENDED SOIL BMP 8B	SY	265.0		
129	JSP-141D	BASE BID	AMENDED SOIL BMP 10A	SY	170.0		
130	JSP-141E	BASE BID	AMENDED SOIL BMP 11A	SY	320.0		
131	JSP-141F	BASE BID	AMENDED SOIL BMP 11C	SY	190.0		
132	JSP-141G	BASE BID	AMENDED SOIL BMP 11D	SY	190.0		
133	JSP-142A	BASE BID	GRASS CHANNEL BMP 10B	SY	375.0		
134	JSP-142B	BASE BID	GRASS CHANNEL BMP 11B	SY	155.0		
135	JSP-302A	BASE BID	TRAIL SIGNS	SF	113.0		
136	JSP-302C	BASE BID	TRAIL GROUND MOUNTED SIGN POST	EA	36.0		
137	JSP-601A	BASE BID	BIKE RACKS	EA	16.0		
138	JSP-601B	BASE BID	BENCHES	EA	2.0		
139	JSP-601C	BASE BID	TRASH CANS	EA	1.0		
140	JSP-601D	BASE BID	DECORATIVE BOLLARD	EA	3.0		
141	JSP-602	BASE BID	FIRE HYDRANTS	EA	14.0		
142	JSP-401	BASE BID	LAWN	SF	161,432.4		
143	JSP-402	BASE BID	MULCH	CY	34.0		
144	JSP-403A	BASE BID	PLANTING SOIL (TREES & PERENNIALS)	CY	154.5		
145	JSP-403B	BASE BID	3" PLANTING SOIL UNDER LAWN	CY	1,494.7		
146	JSP-404	BASE BID	STEEL EDGING	LF	33.6		
147	JSP-405A	BASE BID	TREES (CANOPY)	EA	93.0		
148	JSP-405B	BASE BID	SHRUBS	EA	28.0		
149	JSP-406	BASE BID	TREE REMOVALS	EA	25.0		
150	JSP-407A	BASE BID	TREE PROTECTION FENCE	LF	3,175.2		
151	JSP-407B	BASE BID	TREE PROTECTION MULCH	CY	1,564.2		
152	JSP-408	BASE BID	TREE AGGREGATE REINFORCEMENT	CY	834.0		
					NON-FEDERAL REIMBURSEMENT SUBTOTAL =		
						BASE BID AMOUNT (FEDERAL + NON-FEDERAL) =	

ADD ALTERNATE A: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
153	JSP-900	ADD ALTERNATE A	PLANTING MAINTENANCE AND WARRANTY - 0 TO 1 YEARS	MONTH	12		
154	JSP-901	ADD ALTERNATE A	PLANTING MAINTENANCE AND WARRANTY - 1 TO 2 YEARS	MONTH	12		
155	JSP-902	ADD ALTERNATE A	PLANTING MAINTENANCE AND WARRANTY - 2 TO 3 YEARS	MONTH	12		
						ADD ALTERNATE A AMOUNT =	

BID FORM: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST

ADD ALTERNATE B: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
156	JSP-603A	ADD ALTERNATE B	SINGLE POST WAYFINDING SIGNS	EA	40		
157	JSP-603B	ADD ALTERNATE B	DOUBLE POST WAYFINDING SIGNS	EA	4		
						ADD ALTERNATE B AMOUNT =	

ADD ALTERNATE C: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
158	JSP-800A	ADD ALTERNATE C	PAINTING ELEMENT - INTERSTATE 44 BRIDGE COLUMNS	SF	566.0		
159	JSP-800B	ADD ALTERNATE C	PAINTING ELEMENT - INTERSTATE 44 UNDERCROSSING WALL	SF	1,321.0		
						ADD ALTERNATE C AMOUNT =	

ADD ALTERNATE D: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
160	JSP-800C	ADD ALTERNATE D	PAINTING ELEMENT - OUTSIDE FACE OF LANSDOWNE BRIDGE (SOUTH SIDE, SEEN FROM NB RDP BLVD TRAFFIC)	SF	1,497.0		
						ADD ALTERNATE D AMOUNT =	

ADD ALTERNATE E: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
161	JSP-800D	ADD ALTERNATE E	PAINTING ELEMENT - OUTSIDE FACE OF CHIPPEWA BRIDGE (WEST SIDE, SEEN FROM EB CHIPPEWA TRAFFIC)	SF	1,728.0		
						ADD ALTERNATE E AMOUNT =	

BID FORM: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST

ADD ALTERNATE F: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
162	JSP-800E	ADD ALTERNATE F	PAINTING ELEMENT - INSIDE FACES AND TOPS OF LANSDOWNE BRIDGE (NORTH AND SOUTH SIDES)	SF	3,328.0		
						ADD ALTERNATE F AMOUNT =	

ADD ALTERNATE G: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
163	JSP-800F	ADD ALTERNATE G	PAINTING ELEMENT - OUTSIDE FACE OF CHIPPEWA BRIDGE (EAST SIDE, SEEN FROM WB CHIPPEWA TRAFFIC)	SF	1,728.0		
						ADD ALTERNATE G AMOUNT =	

ADD ALTERNATE H: River des Peres Greenway - Lansdowne to Francis Slay Park

ITEM NO.	BID ITEM	BID CATEGORY	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM COST
164	JSP-800G	ADD ALTERNATE H	PAINTING ELEMENT - OUTSIDE FACE OF LANSDOWNE BRIDGE (NORTH SIDE, SEEN FROM METRO STATION)	SF	1,497.0		
						ADD ALTERNATE H AMOUNT =	

BASE BID SUBTOTAL =	
ADD ALTERNATE A SUBTOTAL =	
ADD ALTERNATE B SUBTOTAL =	
ADD ALTERNATE C SUBTOTAL =	
ADD ALTERNATE D SUBTOTAL =	
ADD ALTERNATE E SUBTOTAL =	
ADD ALTERNATE F SUBTOTAL =	
ADD ALTERNATE G SUBTOTAL =	
ADD ALTERNATE H SUBTOTAL =	

BASE BID PLUS ADD ALTERNATES TOTAL =	