

**SUPPLEMENTAL AGREEMENT NO. 3
TO
ENGINEERING SERVICES CONTRACT**

This Supplemental Agreement No. 3 is made part of an agreement dated September 8th, 2014 between the City of Columbia and CDG Engineers, Inc. for design and construction inspection of project CPP-9999(521), Clark Lane and Hinson Creek Trail project. The purpose of this Supplemental Agreement No. 3 is to modify plans due to a design change decision by MoDOT. The modifications include changing the alignment of the crosswalk at Connector 63 along Clark Lane and provide for the removal of the south end of the trail along Hinkson Creek up to its proposed connection at East Boulevard (Sta. 107+45 to Sta. 111+16) due to the proposed new bridge structure across Hinkson Creek to be constructed in 2017.

The additional services shall be in an amount not to exceed Nine Thousand Four Hundred Seventy-Nine Dollars (\$9,479.00) without further authorization. The total design phase services shall be in an amount not to exceed Two Hundred Sixty-Four Thousand Two Hundred Thirteen Dollars and Fifty-Two Cents (\$264,213.52). Attachment A outlines the scope of the project and cost breakdown for this Supplemental Agreement No. 3

IN WITNESS WHEREOF, the parties have caused this amendment to be executed by their duly authorized agents on the day and year first above written.

Supplemental Agreement No. 3 accepted as defined herein:

CITY OF COLUMBIA, MISSOURI

Mike Matthes, City Manager

ATTESTED BY:

By _____
Sheela Amin, City Clerk

APPROVED AS TO FORM:

By _____
Nancy Thompson, City Counselor *rw*

I hereby certify that the above expenditure is within the purpose of the appropriation to which it is charged, Account No. 44008850-604023, 00570, and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefor.

By _____
Michele Nix, Director of Finance

CDG ENGINEERS, INC.

Executed by the City on this ____ day of _____, 2017.



One Campbell Plaza
St. Louis, Missouri 63139
T. 314 781 7770 F. 314 781 9075

www.cdgenengineers.com

June 29, 2017
Revised: July 24, 2017
Revision 2: July 27, 2017

Ms. Allison Anderson
CITY OF COLUMBIA
701 East Broadway
P.O. Box 6015
Columbia, Missouri 65205-6015

**RE: Proposal for City of Columbia
Clark Lane - Hinkson Creek Sidewalk
SA-3 Additional Engineering Services for
Clark Lane at Conn 63 Crosswalk Change &
Trail Connection Change at East Blvd
Project No. CPP-9999(521)
CDG Project No. 14099.00**

Dear Ms. Anderson:

In accordance with recent discussions, CDG Engineers, Inc. ("CDG") submits this proposal for additional engineering services as Supplemental Agreement No. 3 (SA-3) for your review and consideration.

This proposal is for adding engineering services to an agreement originally dated September 8, 2014 between the City of Columbia, Missouri and CDG for design and construction inspection of project CPP-9999(521). The purpose of this Supplemental Agreement No. 3 is to modify plans due to a design change decision by MoDOT. The modifications include changing the alignment of the crosswalk at Connector 63 along Clark Lane. Additionally, for the removal of the south end of the trail along Hinkson Creek up to its proposed connection at East Boulevard (Sta.107+45 to Sta. 111+16) as requested by the City due to the proposed new bridge structure across Hinkson Creek to be constructed in 2017.

SCOPE OF WORK/PROJECT APPROACH:

The services that CDG proposes to render are as follows:

Edit plan/profile, cross-section and detail sheets totaling 18 Sheets as follows:

1. Edit Cover Sheet 1 for the plan changes.
2. Edit Plan Sheet 15 for adjustment to the cross-walk alignment, island changes and pedestrian button locations.
3. Edit Plan Sheets 17 & 18 to remove the trail connection and proposed improvements to East Boulevard from the plan sheet.
4. Edit Sheets 45 & 46 Cross-sections due to the change in the crossing alignment.
5. Edit Sheets 53, 54 & 55 to eliminate (X-out) Cross-sections.
6. Edit Sheet 67 Retaining Wall Profile to shorten the wall length.
7. Edit Sheet 71 to eliminate (X-out) Culvert Profile.



Ms. Allison Anderson
Revision 2: July 27, 2017
Page 2

8. Edit Sheet 76 for Erosion Control due to the updated alignment.
9. Edit Sheets 80 thru 85 for Traffic Signal Plans updated alignment (by Access Engineering).
10. Update quantities for 2A sheet and revise cost estimate to add new items and the quantities.

PROFESSIONAL SERVICES FEE:

The total amount of fee to be paid for the professional services outlined in this proposal including reimbursable expenses will be a lump sum fee of Nine Thousand Four Hundred Seventy Nine Dollars (\$9,479).

DESIGN FEE BREAKDOWN SUMMARY:

Original LPA-funded Contract Amount	\$227,447.93
SA No. 1 LPA-funded Amount	\$ 22,198.59
SA No. 3 LPA-funded Amount _____	\$ 9,479.00
Total LPA-funded Amount	\$259,125.52
SA No. 2 City-funded Amount	\$ 5,088.00
TOTAL Design Phase Services	\$264,213.52

TIME OF PERFORMANCE:

CDG will commence work immediately after receipt of written notice-to-proceed.

Cost of starting, stopping or delaying the project: The fees for professional services identified in this proposal are based on the project schedule provided within this proposal. If the project is delayed, or stopped and restarted by the client for an extended period of time, the overall project fee may be subject to an adjustment depending upon the impact of the delay on CDG project efficiency. This adjustment will be determined by identifying actual increased costs and determined in negotiations with the client.

TERMS AND CONDITIONS:

Terms and conditions of this proposal will be in accordance with those already established for project CPP-9999(521)



Ms. Allison Anderson
Revision 2: July 27, 2017
Page 3

AUTHORIZATION:

If you would like to authorize CDG to perform the professional services outlined in this proposal, please indicate your acceptance of the terms and conditions of this proposal letter by signing in the space provided below and returning one (1) copy for CDG's contract files or by communicating some other form of written acceptance.

Respectfully submitted,

CDG Engineers, Inc.

Handwritten signature of Gregory E. Brunkhorst in blue ink.

Gregory E. Brunkhorst, A.I.A., LEED AP
Principal

Handwritten signature of Joseph F. Mueller in blue ink.

Joseph F. Mueller, P.E.
Project Manager

GEB/JFM:la

Attachment: Fee/Man-hour Estimate

cc: SGH; GJR

Acceptance:

City of Columbia, Missouri

By _____

Title _____

Date _____

City of Columbia
Clark Lane West & Hinkson Creek
Pedway Trail - (Rev)



Supplemental Agreement SA-3
Plan Changes to Crosswalk Alignment
& Elimination of Trail Connection to East Blvd

Revision: 1
 Revision Date: 24-Jul-17
 : Management\Contract Mgmt\2017-06-28 Fee Estimate SA No. 3 to A. Anderson RE Additional Services (REV) .xls\Fee Estimate

By: JFM
 Print Date: 27-Jul-17
 Print Time: 10:24 AM

ITEM	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	TECHNICIAN	ADMIN.	SUBTOTAL HOURS	SUBTOTAL \$\$\$
Clark Lane - Business 63 & Trail Edit									
Project Management	1	5					1	7	\$313.08
Sht 1 Cover Sheet			0.5	1		2		3.5	\$100.62
Sht 4 Revise 2A Quantities		1	4	1				6	\$225.64
Sht 15 Crosswalk Alignment Plan Edits		1	2	4				7	\$248.71
Trail Connection Removal@East Blvd		0.5	0.5	4				5	\$170.39
Sht 17 & 18 Eliminate Sheet				2				2	\$64.42
Sht 45 & 46 Edit Clark Ln. Cross-sections				8				8	\$257.68
Sht 53, 54, 55 Edit Pedway Cross-sections		1	0.5	0.5				2	\$80.81
Sht 56 Edit Typical Cross-sections			0.5			0.5		1	\$30.90
Sht 67 Edit Retaining Wall Section		1	2	2			0.5	5.5	\$196.80
Sht 71 Eliminate Culvert			0.5			0.5		1	\$30.90
Sht 76 Erosion Control Plan			0.5			0.5		1	\$30.90
Revise Final Cost Estimate		2	4					6	\$239.74
QA/QC		1	2					3	\$119.87
Hours	1	12.5	17	22.5	0	4	1	58	
Average Hourly Rate	\$56.62	\$46.31	\$36.78	\$32.21		\$25.01	\$24.91		
SUBTOTAL HOURLY FEES	\$56.62	\$578.88	\$625.26	\$724.73	\$0.00	\$100.04	\$24.91	\$2,110	\$2,110

City of Columbia
Clark Lane West & Hinkson Creek
Pedway Trail - (Rev)



Supplemental Agreement SA-3
Plan Changes to Crosswalk Alignment
& Elimination of Trail Connection to East Blvd

Revision: 1
 Revision Date: 24-Jul-17
 x Management\Contract Mgmt\2017-06-28 Fee Estimate SA No. 3 to A. Anderson RE Additional Services (REV) .xls\Fee Estimate

By: JFM
 Print Date: 27-Jul-17
 Print Time: 10:24 AM

ITEM	PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	TECHNICIAN	ADMIN.	SUBTOTAL HOURS	SUBTOTAL \$\$\$
------	-----------	-----------------	-----------------	------------------	-----------------	------------	--------	----------------	-----------------

EXPENSES								SUBTOTAL	
Payroll Overhead (Est. at 55.142%)								Subtotal Payroll Overhead:	\$1,163.73
General and Administrative Overhead (Est. at 91.110%)								Subtotal General and Administrative Overhead:	\$2,091.65
Fixed Fee (0.12*\$5,365.81)								Subtotal Fixed Fee:	\$643.90
Travel Expenses								Subtotal Travel Expenses:	\$0.00
Meals		meals a day @	\$45	per day	*	0	\$0.00		
Mileage (private car)		miles @	\$0.535	per mile	*	0	\$0.00		
Hotel		rooms @	\$100	per night	*	0	\$0.00		
Miscellaneous Reimbursable Expenses								Subtotal Miscellaneous Expenses:	\$0.00
Sub-Consultant Fees								Subtotal Consultant Expenses:	\$0.00
Access Engineering - Changes to Ped. Crossing									\$3,469.26
Edit Sheets 80 thru 85									
Edit Quantities									
QA/QC									
SUBTOTAL REIMBURSABLES									\$7,369

FEE ESTIMATE SUMMARY		TOTAL
Fee-Hour Estimate Subtotal		\$2,110
Reimbursable Expenses Subtotal		\$7,369
FEE ESTIMATE TOTAL		\$9,479