

**Engineering Services Agreement
For Construction of Public Improvements
George William Way, 6th Street to Overland Drive
City Project No. 14-CP4-407(BD)
George William Way, Overland Drive to North City Limits
City Project No. 15-CP5-407(BD)**

Amendment Number 1

Section II – Payment

Paragraph A. Compensation
Subparagraph 1.

Delete paragraph in its entirety and replace it with the following:

Maximum Total Fee and Expense: The City agrees to pay the Consultant a fee based on the actual hours expended on the Project at the rates indicated in the attached Fee Schedule; Exhibit B and the actual reimbursable expenses permitted under this Agreement and incurred on this Project, but not to exceed a maximum fee of \$199,056.84. This fee is based on the scope of services outlined in Exhibit A of this Agreement and shall be completed on or before April 1, 2008. Payment to Consultant shall not exceed the amounts in each phase as detailed in Exhibit B. Other methods of compensation are allowed only after written approval by the City Engineer.

Exhibit A - Section I.2

Add another item to Section I

- Design of a westbound right-turn lane on 6th Street at the intersection of 6th Street and George Williams Way.

Exhibit A - Section III FINAL DESIGN PHASE (Office Check and Final Check)

Add another paragraph after paragraph 13

14. Prepare the project contract book which will contain the proposal form, general conditions, instructions to bidders, technical specifications and other required information.

Exhibit B

Delete the Exhibit in its entirety and replace it with the attached Exhibit B.

EXECUTION OF CONTRACT

The parties hereto have caused this Amendment Number 1 to the Engineering Services Agreement to be executed in duplicate this _____ day of _____, _____. Except as expressly modified by this Amendment, all of the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

Cecil M. Kingsley
BG Consultants, Inc.

By: Cecil M. Kingsley
Consultant's Authorized Signatory

V.P.
Title

CITY OF LAWRENCE, KANSAS

By: _____
David L. Corliss
City Manager

**EXHIBIT B
FEE SCHEDULE**

**City of Lawrence
Section I - George Williams Way (6th Street to Overland Drive)
Street, Storm Sewer and Waterline Improvements**

1. Direct Payroll

A. DESIGN PHASE

Field Survey

Principal	2 hrs @	\$52.00	per hour	\$104.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	8 hrs @	\$38.00	per hour	\$304.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	0 hrs @	\$38.33	per hour	\$0.00
Design Engineer	0 hrs @	\$30.00	per hour	\$0.00
CAD Technician	34 hrs @	\$29.33	per hour	\$997.22
Senior Project Surveyor	28 hrs @	\$43.33	per hour	\$1,213.24
Survey Crew	70 hrs @	\$38.33	per hour	\$2,683.10
Clerical	0 hrs @	\$16.67	per hour	\$0.00

Subtotal \$5,301.56

Field Check Plan Development, Pavement Design

Principal	16 hrs @	\$52.00	per hour	\$832.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	60 hrs @	\$38.00	per hour	\$2,280.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	42 hrs @	\$38.33	per hour	\$1,609.86
Design Engineer	24 hrs @	\$30.00	per hour	\$720.00
CAD Technician	50 hrs @	\$29.33	per hour	\$1,466.50
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	12 hrs @	\$16.67	per hour	\$200.04

Subtotal \$7,108.40

Office Check Plan Development/Easement R/W descriptions

Principal	24 hrs @	\$52.00	per hour	\$1,248.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	120 hrs @	\$38.00	per hour	\$4,560.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	64 hrs @	\$38.33	per hour	\$2,453.12
Design Engineer	34 hrs @	\$30.00	per hour	\$1,020.00
CAD Technician	120 hrs @	\$29.33	per hour	\$3,519.60
Senior Project Surveyor	26 hrs @	\$43.33	per hour	\$1,126.58
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	16 hrs @	\$16.67	per hour	\$266.72

Subtotal \$14,194.02

Final Check Plan Development

Principal	12 hrs @	\$52.00	per hour	\$624.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00

Project Engineer 2	48 hrs @	\$38.00	per hour	\$1,824.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	34 hrs @	\$38.33	per hour	\$1,303.22
Design Engineer	20 hrs @	\$30.00	per hour	\$600.00
CAD Technician	80 hrs @	\$29.33	per hour	\$2,346.40
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	16 hrs @	\$16.67	per hour	\$266.72

Subtotal **\$6,964.34**

Total Design Phase **\$33,568.32**

B. BIDDING PHASE

Principal	4 hrs @	\$52.00	per hour	\$208.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	12 hrs @	\$38.00	per hour	\$456.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	0 hrs @	\$38.33	per hour	\$0.00
Design Engineer	0 hrs @	\$30.00	per hour	\$0.00
CAD Technician	8 hrs @	\$29.33	per hour	\$234.64
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	8 hrs @	\$16.67	per hour	\$133.36

Total Bidding Phase **\$1,032.00**

C. CONSTRUCTION PHASE

Principal	2 hrs @	\$52.00	per hour	\$104.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	12 hrs @	\$38.00	per hour	\$456.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	0 hrs @	\$38.33	per hour	\$0.00
Design Engineer	0 hrs @	\$30.00	per hour	\$0.00
CAD Technician	0 hrs @	\$29.33	per hour	\$0.00
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	8 hrs @	\$16.67	per hour	\$133.36

Total Construction Phase **\$693.36**

Total Direct Payroll **\$35,293.68**

2. General Overhead (Above Subtotal x 2.0)

\$35,293.68 x 2 = **\$70,587.36**

3. Direct Expenses

O & E certificates (As needed) 0 @ \$150.00 per each **\$0.00**

Total Direct Expenses **\$0.00**

GRAND TOTAL **\$105,881.04**

Note: The hourly rates shown above are subject to a small annual adjustment due to salary adjustments.

**EXHIBIT B
FEE SCHEDULE**

**City of Lawrence
Section II - George Williams Way (Overland Drive to North City Limits)
Street, Storm Sewer and Waterline Improvements**

1. Direct Payroll

A. DESIGN PHASE

Field Survey

Principal	2 hrs @	\$52.00	per hour	\$104.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	8 hrs @	\$38.00	per hour	\$304.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	0 hrs @	\$38.33	per hour	\$0.00
Design Engineer	0 hrs @	\$30.00	per hour	\$0.00
CAD Technician	30 hrs @	\$29.33	per hour	\$879.90
Senior Project Surveyor	24 hrs @	\$43.33	per hour	\$1,039.92
Survey Crew	40 hrs @	\$38.33	per hour	\$1,533.20
Clerical	0 hrs @	\$16.67	per hour	\$0.00

Subtotal \$3,861.02

Field Check Plan Development, Pavement Design

Principal	16 hrs @	\$52.00	per hour	\$832.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	54 hrs @	\$38.00	per hour	\$2,052.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	38 hrs @	\$38.33	per hour	\$1,456.54
Design Engineer	24 hrs @	\$30.00	per hour	\$720.00
CAD Technician	48 hrs @	\$29.33	per hour	\$1,407.84
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	12 hrs @	\$16.67	per hour	\$200.04

Subtotal \$6,668.42

Office Check Plan Development/Easement R/W descriptions

Principal	24 hrs @	\$52.00	per hour	\$1,248.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	90 hrs @	\$38.00	per hour	\$3,420.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	64 hrs @	\$38.33	per hour	\$2,453.12
Design Engineer	36 hrs @	\$30.00	per hour	\$1,080.00
CAD Technician	102 hrs @	\$29.33	per hour	\$2,991.66
Senior Project Surveyor	24 hrs @	\$43.33	per hour	\$1,039.92
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	16 hrs @	\$16.67	per hour	\$266.72

Subtotal \$12,499.42

Final Check Plan Development

Principal	12 hrs @	\$52.00	per hour	\$624.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00

Project Engineer 2	44 hrs @	\$38.00	per hour	\$1,672.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	30 hrs @	\$38.33	per hour	\$1,149.90
Design Engineer	16 hrs @	\$30.00	per hour	\$480.00
CAD Technician	72 hrs @	\$29.33	per hour	\$2,111.76
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	16 hrs @	\$16.67	per hour	\$266.72

Subtotal **\$6,304.38**

Total Design Phase **\$29,333.24**

B. BIDDING PHASE

Principal	4 hrs @	\$52.00	per hour	\$208.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	12 hrs @	\$38.00	per hour	\$456.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	0 hrs @	\$38.33	per hour	\$0.00
Design Engineer	0 hrs @	\$30.00	per hour	\$0.00
CAD Technician	8 hrs @	\$29.33	per hour	\$234.64
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	8 hrs @	\$16.67	per hour	\$133.36

Total Bidding Phase **\$1,032.00**

C. CONSTRUCTION PHASE

Principal	2 hrs @	\$52.00	per hour	\$104.00
Associate	0 hrs @	\$48.67	per hour	\$0.00
Project Engineer 3	0 hrs @	\$42.33	per hour	\$0.00
Project Engineer 2	12 hrs @	\$38.00	per hour	\$456.00
Project Engineer 1	0 hrs @	\$32.00	per hour	\$0.00
Senior Design Engineer	0 hrs @	\$38.33	per hour	\$0.00
Design Engineer	0 hrs @	\$30.00	per hour	\$0.00
CAD Technician	0 hrs @	\$29.33	per hour	\$0.00
Senior Project Surveyor	0 hrs @	\$43.33	per hour	\$0.00
Survey Crew	0 hrs @	\$38.33	per hour	\$0.00
Clerical	8 hrs @	\$16.67	per hour	\$133.36

Total Construction Phase **\$693.36**

Total Direct Payroll **\$31,058.60**

2. **General Overhead (Above Subtotal x 2.0)**
\$31,058.60 x 2 = \$62,117.20

3. **Direct Expenses**
O & E certificates (As needed) 0 @ \$150.00 per each \$0.00

Total Direct Expenses **\$0.00**

GRAND TOTAL **\$93,175.80**

Note: The hourly rates shown above are subject to a small annual adjustment due to salary adjustments.