



September 7, 2016

Mr. Chad M. Weyenberg, P.E.
City of Appleton Department of Public Works
100 North Appleton Street
Appleton, WI 54911

**Moveable Bridge Inspections in the City of Appleton (Unit BB-16)
Amendment No. 1**

Dear Mr. Weyenberg:

In accordance with our previous discussions, please find attached Collins Engineers cost estimate to provide additional design services for the Olde Oneida Street Bridge. These design services include the preparation of plans, specifications and estimate for the south end trunnion foundation repairs and for the design of drainage protection for the bascule girders at the south abutment. Plans, specifications and estimate will be completed by 12/31/2016 and included with the previously agreed upon Trench Drain Repair project at the bridge

Collins Engineers estimate to provide the above noted services is a lump sum of \$7,653.00. A detailed estimate is attached to this letter.

If you should any questions regarding this submittal, please do not hesitate to contact me at (920) -434-9857/smiller@collinsengr.com. Our team looks forward to continue working with the City of Appleton on this project.

Very truly yours,

COLLINS ENGINEERS, INC.


Steven J. Miller, P.E.

Regional Manager

CC: File

Attachments:

Consultant Contract Total Fee Computation
Amendment No. 1 to Unit BB-16

Olde Oneida Street Bridge
 City of Appleton, WI
 Bridge Repair Designs

Project ID	N/A	Total for Contract
Number of Staff Hours	62	62
Total Labor	\$7,620.00	\$7,620.00
Direct Expenses	\$33.00	\$33.00
Total	\$7,653.00	\$7,653.00

- 1) Amendment No. 1 to Unit BB-16
- 2) Schedule : Plans, Specs & Estimate to be complete by 12/31/2016
- 3) Technical specs and plans shall be included with the Olde Oneida Street Bascule Bridge Trench Drain Project
- 4) All work to be completed by Collins Engineers, Inc.

Summary of Staff Hours and Direct Labor Costs

Amendment No. 1 to Unit BB-16

Olde Oneida Street Bridge

City of Appleton, WI

Bridge Repair Designs

Classification	Sr. Engr. (QA/QC)		Sr. Engr. (PM)		Engineer (Designer)		Junior Engineer (CAD)		Total Direct Labor		
	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	
Avg. Hourly Wage	E6 \$215.00		E5 \$215.00		E3 \$120.00		E1 \$90.00				
Task	Activity Code	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Admin/Project Management		0	\$0.00	2	\$430.00	0	\$0.00	0	\$0.00	2	\$430.00
QA/QC		4	\$860.00	0	\$0.00	0	\$0.00	0	\$0.00	4	\$860.00
Bridge Site Field Visit		0	\$0.00	2	\$430.00	0	\$0.00	0	\$0.00	2	\$430.00
Trunnion Foundation Analysis		0	\$0.00	0	\$0.00	4	\$480.00	0	\$0.00	4	\$480.00
Trunnion Foundation Detailing		0	\$0.00	1	\$215.00	4	\$480.00	24	\$2,160.00	29	\$2,855.00
Girder Drainage Protection		0	\$0.00	1	\$215.00	2	\$240.00	8	\$720.00	11	\$1,175.00
Specifications & Estimate		0	\$0.00	2	\$430.00	8	\$960.00	0	\$0.00	10	\$1,390.00
										0	\$0.00
TOTAL:		4	\$860.00	8	\$1,720.00	18	\$2,160.00			62	\$7,620.00

Direct Expenses by Item
Amendment No. 1 to Unit BB-16
Olde Oneida Street Bridge
City of Appleton, WI
Bridge Repair Designs

Item	Unit Amount	Unit Type	Rate	Total Expenses
Mileage (Personal Vehicle)	60	miles	\$0.550	\$33.00
				\$0.00
				\$0.00
TOTAL				\$33.00

Optional Equipment

SHEET TOTAL	\$33.00
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