

RESOLUTION 1692

RESOLUTION APPROVING A PROFESSIONAL SERVICES AGREEMENT TO PERFORM CONSTRUCTION ENGINEERING SERVICES FOR COLLEGE STREET BRIDGE REPLACEMENT PROJECT.

WHEREAS, the City of West Branch is interested in having strong infrastructure and having safe modes of transportation; and

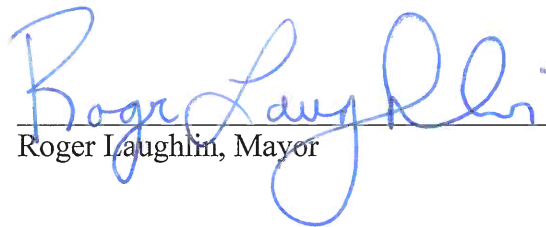
WHEREAS, the final design for the College Street Bridge Replacement Project has been completed; and

WHEREAS, the Supplemental Agreement for Phase IV Construction Engineering was submitted in accordance with the provisions of our current Professional Services Agreement with Veenstra & Kimm, Inc. dated January 28, 2016; and

WHEREAS, it was at the City's request for Veenstra & Kimm, Inc. to perform construction engineering services.

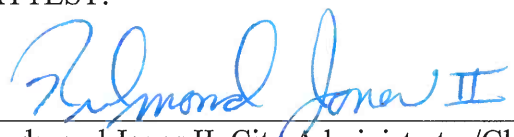
NOW, THEREFORE, BE IT RESOLVED, by the City Council of the City of West Branch, Iowa: authorize and direct the execution of a professional services agreement to perform construction engineering services for College Street Bridge Replacement Project.

Passed and approved this 5th day of March 2018.



Roger Laughlin, Mayor

ATTEST:



Redmond Jones II, City Administrator/Clerk



VEENSTRA & KIMM, INC.

3000 Westown Parkway • West Des Moines, Iowa 50266-1320

515-225-8000 • 515-225-7848 (FAX) • 800-241-8000 (WATS)

February 7, 2018

Redmond Jones II
City Administrator
City of West Branch
110 N. Poplar Street
P.O. Box 218
West Branch, Iowa 52358

WEST BRANCH, IOWA
SUPPLEMENTAL AGREEMENT NO. 3 – PHASE IV, BID AND CONSTRUCTION
ENGINEERING SERVICES
COLLEGE STREET BRIDGE REPLACEMENT PROJECT
PROJECT NO. BROS-8252(605)--8J-16
FHWA NO. 012380

Final design for the College Street Bridge Replacement Project has been completed. This Supplemental Agreement for Phase IV Construction Engineering is submitted in accordance with the provisions of our current Professional Services Agreement dated January 28, 2016 and your request for Veenstra & Kimm, Inc. to perform construction engineering services. This project is scheduled to be let through the Iowa DOT on April 17, 2018.

Our estimated Phase IV bid and construction engineering services included with the scope of this Supplemental Agreement are defined on the attached staff hour estimate. These hours only include time for the work associated with the contributory portion of the project. Hours and tasks to complete construction engineering for the non-participating portion of the pavement along College Street and 2nd Street are not included with this Supplemental Agreement.

Our bid phase services will include, but may not be limited; to answering any questions relayed to us from the Iowa DOT Office of Contracts, providing City staff a tabulation of bids received, assisting the City with execution of the construction contract, and securing an NPDES storm water discharge permit from the Iowa DNR. Our construction phase services will include, but may not be limited to; arranging and leading a preconstruction meeting, ongoing private utility company relocation coordination, providing on-site construction observation, reviewing shop drawing submittals, preparing partial payment applications, documenting the construction materials used in the project, and providing

the field testing required by the governing specifications. In addition, we will maintain the construction records for a required post construction audit by the Iowa DOT.

We propose to perform the Phase IV services at our hourly rates current at the time these services are performed plus actual expenses, all in conformance with Section 4.7 of our Agreement for Preliminary Engineering. The cost for Phase IV bid and construction engineering will not exceed a budgeted amount of \$148,470.00 without further authorization as summarized in Attachment A. Our invoices will include our direct expenses including any specialized field and material testing performed by our subconsultants. In addition the City may be invoiced directly by the DOT for material testing and certification performed by their staff.

The actual amount of engineering services required during construction by Veenstra & Kimm, Inc. and our subconsultants will ultimately be determined during the construction period. There are several factors which will impact this effort as there are inherent risks in all construction projects. Budgeted fee amounts, hours and scope of services for this project have been based on our previous experience on recent and similar projects. The actual start date, skill and quality of the bridge contractor and subcontractors, and the amount of poor weather during the construction period are just a few of the factors which will directly impact how construction of the project proceeds and ultimately, the amount of effort required and efficiency by Veenstra & Kimm, Inc. and our subconsultants in providing these services.

All provisions of the original Agreement remain in effect except as modified by previously approved Supplemental Agreements 1 and 2 and this Supplemental Agreement No. 3. Please review this proposal and, if it is acceptable, obtain the required signatures on all five copies, forward three copies to Kent Ellis, the Iowa DOT District 6 Local Systems Engineer for his signature, and return one signed and dated copy to us. The final copy is for your records.

If you have any questions or comments concerning this Supplemental Agreement, please contact us at 1-800-241-8000.

VEENSTRA & KIMM, INC.



Lawrence J. Spellerberg, P.E.
Project Manager

0-03
Enclosure

February 7, 2018
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APPROVED FOR THE CITY OF WEST BRANCH:



Redmond Jones II
City Administrator

Date 3-5-2018

IOWA DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION

ACCEPTED FOR FHWA AUTHORIZATION:

Kent L. Ellis, P.E.
District 6 Local Systems Engineer

Date _____

VEENSTRA & KIMM, INC.
CONSULTING ENGINEERS

ATTACHMENT A: STAFF HOUR ESTIMATE/HOURLY RATE FEE PROPOSAL WORKSHEET

PHASE IV - BID AND CONSTRUCTION ENGINEERING SERVICES

College Street Bridge Replacement, FHWA No. 012380, PN. BROS-8252(605)--8J-16

02/07/18

STAFF HOUR ESTIMATE								
PHASE IV BID AND CONSTRUCTION ENGINEERING SERVICES								
TASK	Engineer I-A	Engineer I-C	Engineer V	Tech V	Drafter I	Clerical I	Total	
Assume 1 Month Up Front, 120 Working Days (6 Months), 3 Months Project Close Out.								
Specific Defined Items for Office Staff								
Respond to RFIs		12.0	8.0		4.0		24	
Coordinate NPDES Permit		2.0	4.0				6	
Coordinate and Attend One Preconstruction Conference	2	8.0	8.0				18	
Shop Drawing, Testing, and Material Certification Review		16.0	38.0			4.0	58	
Attend Monthly On Site Progress Meetings (6)			60.0				60	
Additional Construction Site Visits (6)			60.0				60	
Prepare Change Orders		4.0	16.0			4.0	24	
Coordinate Private Utility Relocations			8.0				8	
Coordinate Contractor Claims/Disputes	2	4.0	16.0				22	
Final Punch List (1)		4.0	16.0				20	
2 Abutment Pours (2 Trips)			20.0				20	
2 Pier Pours (2 Trips)			20.0				20	
Deck Pour Setup (1 Trip)			10.0				10	
Deck Pour (1 Trip)			10.0				10	
Non Defined Time by Office Staff								
Resident Engineering From Office (20 Hr/Month for 1 Month Project Start Up)			20.0				20	
Resident Engineering From Office (40 Hr/Month for 6 Month Construction)			240.0				240	
Resident Engineering From Office (20 Hr/Month for 3 Month Project Close Out)			60.0				60	
V&K Construction Inspector								
From Office (20 Hr/Month for 1 Month Project Start Up)				20.0			20	
On Site(Full Time for 6 Month Construction)				1000.0			1,000	
From Office (20 Hr/Month for 3 Month Project Close Out)				60.0			60	
Phase IV Estimated Hours Subtotal	4.0	50.0	614.0	1080.0	4.0	8.0	1760.0	
Hourly Rate	\$166.00	\$148.00	\$97.00	\$60.00	\$92.00	\$85.00		
Phase IV Estimated Salary Subtotal	\$664.00	\$7,400.00	\$59,558.00	\$64,800.00	\$368.00	\$680.00	\$133,470.00	
Expenses								
Mileage	20 Trips X 270 Miles @ \$0.535/Mile							\$2,889.00
Mileage	120 Trips X 30 Miles @ \$0.535/Mile							\$1,926.00
Material Testing and Reporting (Terracon)								\$15,000.00
ESTIMATED PHASE IV TOTAL							\$148,470.00	

Staff hour estimate figures provided are grouped into generalized work categories, and are used as a basis for estimating total engineering effort for the project. No guarantee is intended or implied that the staff hours actually expended for individual items, individual tasks, or individual employee categories will be exactly as shown on this staff hour estimate. Should conditions and circumstances occur during construction of the project which are different than our assumptions at this time, we will request additional fee authorization as necessary to complete the construction phase services.