

ILLINOIS DEPARTMENT OF TRANSPORTATION

Request for Approval
of Change in Consultant Contract

Date: 7/13/2021

Local Agency: LAKE COUNTY

Request: No. 2

Name: 14th St Reconstruction

To: Lake County Division of Transportation

Section: 99-00260-01-WR

Consultant: STV, Inc.

I recommend that an addition be made to the above consultant contract.

The estimated work is listed below

Original contract amount for services described:	\$1,439,434.80
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Sum of all previous contract change orders:	\$143,800.00
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Item #	Description	Additions	Deductions
1	Supplemental #2 request due to utility delays & watermain extra	\$355,931.00	
2			
3			
TOTALS		\$355,931.00	\$0.00
NET CHANGE		\$355,931.00	\$0.00

Net ADDITION change to date \$499,731.00 which is 34.72 % of the original contract amount for services described

State fully the nature and reason for change:

Revised contract amount for services described:	\$1,939,165.80
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Please see attached. Due to extra year of overseeing the work which also included added work mainly consisting of watermain.

When the net increase or decrease in the cost of the contract is \$10,000 or more, or the time of completion is increased or decreased by 30 days or more, one of the following statements shall be checked.

☒ The undersigned determined that the circumstances which necessitated this change were not reasonably foreseeable at the time the contract was signed.

☐ The undersigned has determined that the change is germane to the original contract as signed.

☐ The undersigned determined that this change is in the best interest of the local agency and is authorized by law.

Project Manager/Engineer _____ Date _____

Department Head _____ Date _____

Chief Accounting Specialist _____ Date _____

Approved _____ Date _____

County Engineer

Revised ending date almost 1 year later due to utility conflicts and added city watermain to this contract

Lake County: 14th Street (IL 131 to Jackson)

7/2/2021

Section No: 99-00260-01-WR

STV Incorporated

Change Order 2 Request

Change Order 2 Request																	Week					
	Hours	Ending															Total	Estimated Final Cost	Supplement 1 Budget	Supplement 2 Amount		
Description	To Date	7/2/21	7/9/21	7/16/21	7/23/21	7/30/21	8/6/21	8/13/21	8/20/21	8/27/21	9/3/21	9/10/21	9/17/21	9/24/21	10/1/21	Closeout						
Non-holiday weekdays		5	4	5	5	5	5	5	5	5	5	4	5	5	5	30	98					
PM	81.00	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4	113	\$ 19,775	\$ 30,781	\$ (11,006)		
RE	3,870.25	40	32	40	40	40	40	40	40	40	40	32	40	40	40	320	4,734	\$ 828,494	\$ 711,802	\$ 116,692		
ARE	3,234.50	40	32	40	40	40	40	40	40	40	40	32	40	40	40	120	3,899	\$ 642,071	\$ 390,642	\$ 251,429		
Inspector	832.50	40	32	40	40	40	40										1,065	\$ 133,063	\$ -	\$ 133,063		
Website																	0	\$ -	\$ 5,152	\$ (5,152)		
Testing Service																		\$ 18,987	\$ 21,787	\$ (2,800)		
Baxter & Woodman																		\$ 217,997	\$ 217,997	\$ (0)		
Hours: 8,018.25																	Labor Subtotal =		9,810	\$ 1,623,403	\$ 1,138,377	\$ 485,026
																	Subconsultants Subtotal =			\$ 236,984	\$ 239,784	\$ (2,800)
Direct Costs / Vehicle Days Subtotal= 1,212																	each		\$ 65	\$ 78,780	\$ 61,274	\$ 17,506
																	Total =			\$ 1,939,166	\$ 1,439,435	\$ 499,731

(Lake County Change Order 1): \$ (143,800)

Current CO Amount: \$ 355,931

ORIGINAL ASSUMPTIONS:

Exhibit A - Construction Engineering

Route: 1228 (14th Street)
 Local: Lake County
 (Municipality/Township/County)
 Section: 99-00260-01-WR
 Project: M-4003(833)
 Job No.: C-91-039-17

*Firm's approved rates on file with
 Bureau of Accounting and Auditing:

Overhead Rate (OH) 128.74 %
 Complexity Factor (R) 0.00
 Calendar Days

Cost Plus Fixed Fee Methods of Compensation:

Fixed Fee 1 ☐ 14.5%[DL + R(DL) + OH(DL) + IHDC]
 Fixed Fee 2 ☒ 14.5%[(2.3 + R)DL + IHDC]
 Specific Rate ☐
 Lump Sum ☐

Assumptions

1. Contract letting Date: January 18, 2019
2. Start Construction: March 1, 2019
3. Complete Construction: October 15, 2020
4. 6 weeks for closeout by RE with 3 weeks ARE help

Cost Estimate of Consultant's Services in Dollars

Element of Work	Employee Classification	Man-Hours	Payroll Rate	Payroll Costs (DL)	Overhead (OH*DL)	Services by Others (SBO)	In-House Direct Costs (IHDC)	Fixed Fee (FF)	Total
Project Manager	Professional 7	168.00	\$70.00	\$11,760.00	\$15,139.82		\$0.00	\$3,921.96	\$30,821.78
Resident Engineer	Professional 5	3660.00	\$70.00	\$256,200.00	\$329,831.88		\$61,300.00	\$94,331.20	\$741,663.08
Assistant RE	Professional 6	2332.00	\$64.00	\$149,248.00	\$192,141.87		\$0.00	\$49,774.20	\$391,164.07
Website Develop	Prog Analyst 2	36.00	\$54.68	\$1,968.48	\$2,534.22		\$0.00	\$656.48	\$5,159.18
Baxter&Woodman						\$248,839.94			\$248,839.94
Testing Service						\$21,786.76			\$21,786.76
Totals		6,196.0		\$419,176.48	\$539,647.79	\$270,626.70	\$61,300.00	\$148,683.84	\$1,439,434.8

ORIGINAL ASSUMPTIONS:

Lake County: 14th Street (IL 131 to Jackson)
 Section No: 99-00260-01-WR
 STV Incorporated

Description	Preconstruction	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Closeout	Total
Non-holiday weekdays		21	22	22	20	22	22	20	23	19	21	22	20	22	22	20	22	22	21	21	11	30	445
PM	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	4	4	168
RE	100	168	176	176	160	176	176	160	184	152	168	176	160	176	176	160	176	176	168	168	88	240	3,660
ARE	8				160	176	176	160	184	152				84	176	160	176	176	168	168	88	120	2,332
Programmer Analyst 2	36																						36
Testing Service (Geotech)	8		16		16	24	24	24	19					16	16	16							179
Baxter & Woodman (DECI/Inspection)		40	24	24	24	40	176	160	184	24	24	24	24	24	176	160	176	176	168	8	4		1,660

Total Hours: 8,035

Assumptions

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