

CHANGE ORDER NO. 2

DATED: April 29, 2020

TO: JUB Engineering

PROJECT: Erie Parkway and WCR 7 Intersection

PROJECT NUMBER: P17-437

OWNER: Town of Erie, Colorado

You are hereby requested to comply with the following changes from the contract plans and specifications.

DESCRIPTION OF CHANGES	DECREASE	INCREASE
	<u>Contract Price</u>	<u>Contract Price</u>
1 Additional Design Services See attached for details		\$ 20,000.00
<b>TOTALS</b>	\$ -	\$ 20,000.00

**NET CHANGE TO CONTRACT PRICE:**

Original Contract Price:	<u>\$ 129,659.00</u>
Current Contract Price adjusted by previous Change Order:	<u>\$ 148,489.00</u>
Amount of this Change Order	<u>\$ 20,000.00</u>
New Contract Price, including this Change Order, will be:	<u>\$ 168,489.00</u>

**APPROVALS:**

Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_  
Consultant/Contractor: \_\_\_\_\_ Date: \_\_\_\_\_  
Director of Public Works: \_\_\_\_\_ Date: \_\_\_\_\_



**J-U-B Engineers, Inc.  
AGREEMENT FOR PROFESSIONAL SERVICES**

**FOR  
Erie Parkway and Weld County Road 7 Intersection Improvements  
Town of Erie, CO**

**Scope of Services, Schedule, and Basis of Fee  
April 3, 2020**

**PROJECT UNDERSTANDING**

J-U-B is currently under contract to perform design services for the Erie Parkway and Weld County Road 7 Intersection. The project consists adding auxiliary lanes, drainage improvements, and R.O.W. acquisition. In addition, ongoing coordination resulting in changes to the previously accepted design have been performed, as listed below.

The following scope items describe the work needed to accomplish the goals of this project:

**PART 1 – SCOPE OF SERVICES**

- A. **Basic Services** – J-U-B’s Basic Services under this Agreement are limited to the following tasks. CLIENT reserves the right to add subsequent phases or related work to the scope of services upon mutual agreement of scope, additional fees, and schedule. The following abbreviations are used in this scope:

- Town– Town of Erie
- J-U-B – J-U-B Engineers, Inc.
- Diversified – Diversified Underground Inc.

<i>Scope Task</i>	<i>Scope of Services</i>	<i>Deliverables</i>	<i>Assumptions</i>
1.	Project Management, assist Town with grant funding & CDOT Coordination		
	This task includes administration time for invoicing, and project management tasks, which include: coordination with design team, overseeing design staff, scheduling and resource loading.	N/A	
2-4	ROW Coordination		
	Right-of-way takes are necessary for multiple properties adjacent to the project. Exhibits will be created to detail the impacts to properties and demonstrate how construction can be phased to maintain access while work is being completed. Additionally, JUB will provide engineering support during meetings with owners that may be necessary during right-of-way negotiations.	Exhibits for impacts to properties	2 meetings with property owners

<b>Scope Task</b>	<b>Scope of Services</b>	<b>Deliverables</b>	<b>Assumptions</b>
5-8	Additional Design Services		
	JUB will adjust the project design along the Cleland property to minimize property impacts in front of the existing residence. Other areas of the project may also require design updates, the necessity of which will be determined through right-of-way negotiations and meetings with property owners. This task will also include continued utility research and coordination to ensure potential conflicts that may arise from the design revisions can be addressed prior to commencement of construction.	Revised plans	
9	Stake ROW (FRICO Only)		
	This task includes engineering time from JUB to finalize property takes and land survey services provided by King Surveyors to place stakes at the defined limits for final right-of-way, only for the Farmers Reservoir and Irrigation Company property.	ROW staking	
10	Stake ROW (Entire project, excluding FRICO)		
	This task includes engineering time from JUB to finalize property takes and land survey services provided by King Surveyors to place stakes at the defined limits for final right-of-way throughout the project, excluding the Farmers Reservoir and Irrigation Company.	ROW staking	
11	Update Legal Descriptions & Exhibits		
	Once design revisions have been finalized, JUB will update necessary right-of-way and easement limits and send CAD information to King Surveyors for creation of legal descriptions & exhibits for recordation.	Legal descriptions & exhibits	4 legal descriptions with exhibits at \$250 each

### **ADDITIONAL ASSUMPTIONS**

The above Scope of Services is based on the following assumptions:

- This scope does not include CDOT R.O.W. plans, nor will this project require CDOT oversight.
- This scope does not provide SUE services.

### **PART 2 – SCHEDULE OF SERVICES**

- A. J-U-B will discuss the schedule with the Town prior to performing the scope of work above. J-U-B is available to begin on this immediately.

### **PART 3 – BASIS OF FEE**

- A. The hours and fees for each task are presented on the attached spreadsheet.

Period of Service: If the period of service for the task identified above is extended beyond 12 months, the compensation amount for J-U-B's services shall be appropriately adjusted to account for inflation and salary adjustments. Prior to price increase, J-U-B will get the Town's approval in writing.



Erie Parkway & WCR 7 Intersection Improvements		Project Cost								
Task Number	Task Description	Project Executive (\$/HR)	Project Manager (\$/HR)	Design Engineer (\$/HR)	Clerical (\$/HR)	JUB FEE	Subconsult. KING	Expenses	Task Total	Total
		\$180	\$135	\$95.00	\$70					
<b>Change Order 2</b>										
1	Project Management		8		4	\$1,360			\$1,360	
2	ROW Coordination									
3	Prepare property exhibits to demonstrate impacts		6	24		\$3,090			\$3,090	
4	Property owner meetings (assume 2)		8			\$1,080			\$1,080	
5	Additional Design Services									
6	Adjust roadway design at Cleland property (includes design and plan updates)		6	24		\$3,090			\$3,090	
7	Additional design updates per property owner meetings		8	40		\$4,880			\$4,880	
8	Additional utility coordination & research with updated design		8	16		\$2,600			\$2,600	
9	Stake ROW (FRICO Only)			1		\$95	\$850		\$945	
10	Stake ROW (Entire Project, minus FRICO)			1		\$95	\$1,175		\$1,270	
11	Update legal descriptions & exhibits (Assume 4 @ \$250/each)			1		\$95	\$1,000		\$1,095	
<b>Sub-Totals</b>		<b>0</b>	<b>44</b>	<b>107</b>	<b>4</b>	<b>\$16,385</b>	<b>\$3,025</b>			<b>\$19,410</b>
<b>Design Total</b>		<b>0</b>	<b>44</b>	<b>107</b>	<b>4</b>	<b>\$16,385.00</b>	<b>\$3,025.00</b>			<b>\$19,410</b>