CHANGE ORDER NO. 3

County: Newton

Project: Tin Cup Lift Station Renovation

To: Mr. Paul Crews
Crews Construction, Inc.
17603 Keisha Drive
Neosho, MO 64850-8551

Job No. _____

You are hereby directed to make the following changes to your contract with the **City of Joplin** for the referenced project.

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2. Estimate of Cost of Work Affected by this Change Order. (Lump Sum Contract Items.)

(A) EST. LINE NO.	(B) CONTRACT ITEM NO.	(C) ITEM DESCRIPTION	(D) UNITS PREVIOUSLY PROVIDED FOR	(E) UNITS TO BE CONSTRUCTED	(F) UNITS OVERRUN, UNDERRUN, CONTINGENT	(G) CONTRACT OR AGREED UNIT PRICE	(H) AMOUNT OF OVERRUN OR PLUS CONTINGENT	(I) AMOUNT OF UNDERRUN OR MINUS CONTINGENT
	5	Bonding, Insurance, Mobilization, and Any Work Required for the Perfection of the Project Not Listed Elsewhere in the Bid Schedule.	Lump Sum					
		Mechanical Subcontractor's cost for materials and labor (1.a)						$77,243.00
		Specialty Subcontractor installation of line-stops (1.b)						$47,520.00
		Isolate pump suction valves, plus pump removal and replacement (1.c)						$5,145.00
		Contractor Bonding Plus Overhead and Profit (d)						$21,728.00
						TOTALS		$151,636.00

Original Contract Completion Date……... ..April 21, 2019
Revised Contract Completion Date……*September 7, 2019
(* Revised completion date assumes 120 Calendar days following the anticipated execution of Change Order No. 3 on May 10, 2019.)

3. Cost Justification for Changes to Bid Item No. 5: The following costs have been discussed with the contractor and have been compared to costs incurred for similar work on other recent projects to verify the reasonableness of anticipated manhours and hourly rates. Material costs have been verified through review of the suppliers invoices. The subcontractor costs for placement of line-stops represent the lesser cost of two proposals received for this work. Contractor's bonding and overhead and profit costs are as allowed by the General Conditions of the Contract.

Item (1.a) – Mechanical Subcontractor costs for replacement of valves and associated materials and labor documented as follows:

<u>Materials</u>	
16-Inch Eccentric Plug Valves, 4 @ $4,295 Each	$17,180
12-Inch Eccentric Plug Valves, 6 @ $2,335 Each	14,010
One 16-Inch Check Valve	6,943
12-Inch Check Valves, 3 @ $3,535 Each	10,605
16-Inch SS Bolt and Gasket Sets, 12 @ $145.26 Each	1,743
12-Inch SS Bolt and Gasket Sets, 20 @ $87 Each	1,740
One 16-Inch Flngd x MJ Mega Adapter	967
12-Inch x 4.25-Inch Filler, 3 @ 895 Each	2,685
Miscellaneous Materials	705
Overhead and Profit (10%)	5,659
<u>Labor</u>	
244 manhours @ $61.50/hour	<u>15,006</u>
	$77,243

Item (1.b) – Line-Stop Subcontractor per least cost proposal as follows:

Two 16-Inch Line-Stops	$40,400
Planned Second Mobilization	2,800
Overhead and Profit (10%)	4,320
	$47,520

Item (1.c) – General Contractor costs for plugging of suction lines, pump removal and reinstallation, and plug rental documented as follows:

Inflatable Plug Rental	$225
Labor, 82 manhours @ $60 per hour	4,920
	$5,145

Item (d) - Per General Conditions of the Contract, contractor's additional bonding costs and 15 percent overhead and profit are allowable costs.

Subcontractor Costs	$124,763
General Contractor Costs	5,145
Additional Bond Costs	1,949
Subtotal	$131,857
Overhead and Profit (15%)	19,779
Total Change Order No. 3 Cost	$151,636

4. Other City Departments Consulted:

_____ Date _____
Name

_____
Department / Title

_____ Date _____
Name

_____
Department / Title

5. Settlement for Cost of the above Change to be made at Contract Unit Price Except as Noted:

1. CONTRACT AMOUNT		$1,380,000.00	The Terms of Settlement outlined above are hereby agreed to.
2. OVERRUN	$151,636.00		Crews Construction, Inc.
3. OVERRUN/UNDERRUN PREVIOUS	($10,895.00)		
4. TOTAL OVERRRUN TO DATE	$140,741.00	$140,741.00	By:_____ _____
5. TOTAL		$1,520,741.00	Paul Crews, President Date
PERCENTAGE OF ORIGINAL CONTRACT		10.2%	

_____ _____
CONSULTING ENGINEER DATE

FOR CITY OF JOPLIN USE:

Emergency Provisions of Change Order Policy Used YES □ NO □ Date approved _____

Reason for Emergency and description of work approved (Check all that apply):

□ Protection of Public Health and Safety _____

□ Avoid Contractor and Project Delays _____

□ Impact to Other Improvement Projects _____

□ Other _____

_____	_____	_____	_____
APPROVAL PROJECT MANAGER	DATE	APPROVAL SUPERVISOR / ENGINEERING REVIEWER	DATE
_____	_____		
APPROVAL OF DEPARTMENT HEAD	DATE		

WHEN REQUIRED BY THE CITY'S CHANGE ORDER POLICY, THE FOLLOWING SIGNATURES ARE MANDATORY:

_____	_____	_____	_____
* DIRECTOR OF FINANCE	DATE	* CITY MANAGER	