



CHANGE ORDER FORM

Project Information

Change Order #:	2	Date:	June 1, 2021
Project Name:	Terry Ranch Water Development		
Bid Number:	FL-16-04-076C	Dept/Division:	Water & Sewer
Original Budget Unit #:	4050088088000000	PO #:	20000533
New Budget Unit Number Added:	422-1060-88007		
Project Manager:	Peter Champion	Title:	Civil Engineer III

Contractor/Consultant Information

Contractor/Consultant:	Brown and Caldwell	Phone /Extension:	
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The CONTRACTOR/CONSULTANT is hereby directed to perform the WORK described in the CONTRACT for design/construction as amended by this CHANGE ORDER.

See attached **8** sheets with full explanation for the change order.

Compensation to Contractor/Consultant

The original contract sum was:	\$1,234,729.00
The net change by previous change order was:	\$176,280.00
The contract sum prior to this change order was:	\$1,411,009.00
The contract sum will be: (See List) Increased	\$395,737.00
The new contract sum, including this change order is:	\$1,806,746.00
The contract time will be: (See List) Unchanged	
The new date for project completion is:	

This CHANGE ORDER is intended to, and the OWNER agrees that it shall, fairly and adequately compensate the CONTRACTOR/CONSULTANT for the extra direct costs (time and materials, etc.) as well as all expenses and damages which may result from any delays, suspensions, stretch-outs, scheduling, inefficiencies and accelerations in the WORK associated with this CHANGE ORDER, and the CONTRACTOR/CONSULTANT releases the OWNER from any claims for such expenses and damages.

This CHANGE ORDER is intended to, and the CONTRACTOR/CONSULTANT agrees that it does, provide the CONTRACTOR/CONSULTANT a reasonable and adequate period of time in which to complete the WORK in accordance with the CONTRACT for establishment of policies, as amended by this CHANGE ORDER, and the CONTRACTOR/CONSULTANT releases the OWNER from any claims for additional time to perform the WORK associated with this CHANGE ORDER.

The Contract Documents may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same document. The Contract Documents, including all component parts set forth above, may be executed and delivered by electronic signature by any of the parties and all parties consent to the use of electronic signatures.

Signatures for Council (Council minutes need to be attached)

IN WITNESS WHEREOF, the parties have caused this instrument to be executed in two (2) original counterparts as of the day and year first above written.

Approved as to Substance	Reviewed as to Legal Form
City Manager	City Attorney
Certification of Contract Funds Availability	Departmental Certification
Director of Finance	Department Director
Purchasing Official	Project Manager

Certification of Content by Contractor/Consultant

Representative of Contractor/Consultant	Title

Additional Approval:

Budget **Supervisor** **CPC** **Finance**

Cumulative change orders totalling \$572,017 for a total of 46.3%.

5/5/2018

CHANGE ORDER FORM



Project Information

Change Order #:	2
Project Name:	Terry Ranch Concept Design
Date:	6/1/2021
Project Manager:	Peter Champion

Change Order Justification

Location	
Summary of Change Order	<p>This change order is a direct result of an expanded scope of work related to unforeseen design and costing requirements for the conceptual design of the Terry Ranch Project. Work covered under this change order has previously been completed.</p> <p>The design of the Terry Ranch Project was conducted in large part to establish the cost of the project so that the Water & Sewer Board and City Council could make an informed decision whether to close on the purchase of the project within the time limitations of the Terry Ranch Master Purchase and Sale Agreement due diligence period. Board and Council, along with the public, posed several un-scoped inquiries on infrastructure costs. Those inquiries drove the city to enhance the depth of the concept design work, and thereby increase the city's level of confidence in the infrastructure cost calculations. In addition to the expanded scope, the public engagement aspect of the project required far more meetings and presentations by the consultant than originally scoped.</p> <p>This additional work was required to respond accurately and timely to citizen inquiries, and constituted urgent, critical path work necessary for Board and City Council decision making. Given the time limitations of the Terry Ranch Master Purchase and Sale Agreement due diligence period, it was infeasible to halt work to complete a change order request prior to work being completed.</p> <p>The enhanced scope of work allowed a thorough design and cost estimate to complement the other diligence work being performed on the project. Multiple aspects of the project design were enhanced, including: moving from a 15% to a 30% design of pipeline/transmission facilities; completing treatment, pump, and valving site layouts; conducting geotechnical work for tunneling; carrying out additional topographical surveys; performing more thorough hydraulics analyses; conducting a 30-day pilot treatment plant test; and initiating a power requirement and supply study with regional power providers.</p>
Why was this not in original contract?	<p>The complexity of the design during the diligence period was greater than originally anticipated. As the diligence period progressed, additional design and investigation was required to respond accurately and timely to citizen inquiries, and for Board and City Council decision making.</p>
Budget Impact/Funding	<p>422- Water Construction Fund</p>
Impact to project schedule	<p>None</p>
Detailed Explanation	<p>The enhanced scope of work allowed a thorough design and cost estimate to complement the other diligence work being performed on the project. Multiple aspects of the project design were enhanced, including: moving from a 15% to a 30% design of pipeline/transmission facilities; completing treatment, pump, and valving site layouts; conducting geotechnical work for tunneling; carrying out additional topographical surveys; performing more thorough hydraulics analyses; conducting a 30-day pilot treatment plant test; and initiating a power requirement and supply study with regional power providers.</p>



Council has increased the limits for signature authority. Below are the new limits based on CUMMULATIVE change orders:
https://library.municode.com/co/greeley/codes/municipal_code?nodeId=TIT4REFI_CH4.20PU_ARTIIIISOSECOFO_4.20.160CHOR

Dollars related to original contract.	<=25%			>25%		
	\$50,000.01-			\$50,000.01-		
	<\$50,000	\$100,000	>\$100,000	<\$50,000	\$100,000	>\$100,000
Council						X
City Manager			X		X	X
City Attorney			X		X	X
Director of Finance			X		X	X
Purchasing Official		X	X		X	X
Department Director	X	X	X	X	X	X
Project Manager	X	X	X	X	X	X