

# Cade Lakes Water Supply Corporation

*Serving the Cade Lakes Community*

26550 Ranch Road 12, Suite 1 \* Dripping Springs, Texas 7820 \* (512) 894-3322 \* fax (512) 858-1414

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February 15, 2023

Gary Westbrook, General Manager  
Post Oak Savannah Groundwater Conservation District  
310 East Avenue C  
P.O. Box 92  
Milano, Texas 76556

Re: Cade Lakes Water Supply Corporation ("CLWSC")  
Post Oak Savannah Groundwater Conservation Grant 2021

Dear Mr. Westbrook:

Cade Lakes Water Supply Corporation is requesting to amend its scope of work that was originally planned for the 2021 Conservation Grant Project as follows.

For planning purposes, the entire service area has been divided into 4 sectors, each sector is depicted on the attached drawings, WD-1 through WD-4.

**Delete the following from original scope of project.**

Location	Unit	Unit Cost	Quantity	Amount
Line replacement, WD-2	4-inch C-900	\$22.00 / ft.	2,450 / ft.	\$53,900
Line replacement, WD-3	4-inch C-900	\$22.00 / ft.	4,240 / ft.	\$93,280
<b>Total Deduct</b>				<b>\$147,180</b>

**Add the following to original scope of project.**

Location	Unit	Unit Cost	Quantity	Amount
Extend line at Qualls Trail To Sundowner Trail. WD 1	2"/SDR21	\$20	1,260/ft.	\$25,200
Road bore / sleeve, WD-1	6"sleeve	\$42.00	60 / ft.	\$2,520
Extend line at Snuffy's Trail To Tiger Trail WD-1	2"/SDR21	\$20.00	1,120 /ft.	\$22,400
Road Bore / Sleeve, WD-1	6"sleeve	\$42.00	60 / ft.	\$2,520

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Location	Unit	Unit Cost	Quantity	Amount
Extend line @ Elm Dr. To Finch, WD-3	2"/SDR21	\$20.00	680 /ft.	\$13,600
Road bore / Sleeve, WD-3	6" sleeve	\$42.00	120'	\$5,040
Extend line at Finch Trail WD-3	2"/SDR21	\$20.00	840 /ft.	\$16,800
Parts to complete the job, per quote from Core & Main	....			\$23,171
.....		Subtotal		<b><u>\$111,251.96</u></b>

There are also up to 6 road crossing locations identified by the Burleson County Road crews where the water line needs to be lowered in order to perform road work. These locations are currently being coordinated with County Commission Wayne Faust's office. The estimated costs to lower each location comes to **\$6,488**, for a total costs **\$3892.00**.

This brings the total costs of these projects to....	<b>\$150,179.96</b>
Less 10% owners' contribution .....	<b>(\$ 12,213.42)</b>
Total Project estimated cost .....	<b>\$137,966.40</b>

The 2021 Grant Funds available are as follows.

Total Grant Amount....	\$141,462.00
Less Pay Request No. 1	\$ 19,327.72
<u>Total Available Funds</u> .....	<b>\$122,134.28</b>

It is understood this amount exceeds the grant's remaining availability. Cade Lakes is committed to funding the balance of the project, estimated to be \$15,832.12.

This change is being requested due to the lack of materials availability with the original scope of work. Specifically, 4 inch C-900 pipe has been unavailable for the past two years and continues to be unavailable at this time. This has caused ongoing delays with performing the original scope of work.

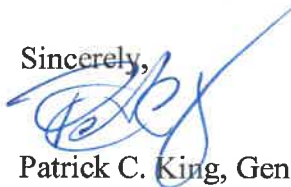
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The benefits of this revised scope of work are several. By looping the water lines at the locations depicted, this will eliminate six flushing locations with an annual water savings estimated to be 576,000 gallons (8,000 gallons x 6 locations x 12 months). The proper installation of these materials will minimize line failures at these locations thereby saving an additional 125,000 gallons annually. (5 events x 2,500 gallons), for a total water conservation savings of **701,000 gallons** annually

In addition, the objectives of the original scope of work was to replace pipework in certain areas to reduce the number of point repairs and thereby providing an overall water savings. Over the past two years, CLWSC has not experienced the line failures that was originally anticipated to those areas.

We appreciate your consideration of this request. If you have any questions, please do not hesitate to contact me by calling (512) 845-3230 or email [pck@pgms.net](mailto:pck@pgms.net).

Sincerely,



Patrick C. King, General Manager  
Cade Lakes Water Supply Corporation

Cc: Mr. Larry Nichols, President  
Cade Lakes Water Supply Corporation