



COUNCIL DECISION REQUEST

SUBJECT: C. C. Cragin Water Treatment Plant Equipment

MEETING DATE: 6-5-12

SUBMITTED BY: LaRon Garrett, Asst. Town Mgr. 

SUBMITTAL TO AGENDA
APPROVED BY TOWN MANAGER

AMOUNT BUDGETED:

EXPENDITURE REQUIRED: \$2,168,700



EXHIBITS (If Applicable, To Be Attached):

POSSIBLE MOTION

I move to award the purchase of the C. C. Cragin Water Treatment Plant Equipment to Pall Corporation and authorize the Mayor to sign all necessary contract documents.

SUMMARY OF THE BASIS FOR POSSIBLE MOTION:

In December, 2010 the Town issued a Request for Proposals for the water treatment equipment for the future C. C. Cragin Water Treatment Plant. On January 28, 2011 the Town received 4 proposals for the supply of this equipment. Each of the four submittal's were ranked based on the criteria provided in the Request for Proposals. Part of this submittal included operating a small Pilot Treatment Plant to determine the effectiveness of the proposed equipment and to determine if any modifications, pre-treatment or post-treatment equipment would be required. A summary of the ranking is as follows:

Submitter	Overall Score	Pilot Cost (6 Month)	Original Plant Equip. Proposed Cost	Final Cost Based on Pilot Study
Pall Corporation	704	\$30,000	\$1,893,000	\$2,168,700
Siemens/Memcor	662	\$112,000	\$2,715,570	
Zenon	651	\$60,000	\$1,633,538	
Layne	573	\$35,000	\$2,184,303	

Based on the ranking criteria it was determined that Pall Corporation would best fit our conditions. From there, work began on the Pilot Treatment Plant. The Pilot Plant was operated for most of the summer months of 2011. From the data evaluated on the Pilot Plant it was determined that the selected micro filter method would function very well on the C. C. Cragin water. However, the Pilot Plant results also showed that some pre-treatment and post-treatment would also be needed to obtain the minimum water quality standards. Because of the pre-treatment, a modification was needed to the racks that connect the micro filters. This modification resulted in an increase to the overall cost of the treatment equipment. The final cost quote from Pall Corporation is \$2,168,700 which includes all the required equipment modifications caused by the pre-treatment.



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There is a long lead time for design and manufacture of this equipment. In order to keep with the project schedule, this work needs to begin now in order to be ready to treat the C. C. Cragin water in 2015.

PROS:

This will allow the C. C. Cragin project to continue to move forward and stay on schedule.

CONS:

None

FUNDING:

Acct: 662-5-5451-	Budget: \$4,500,500	Available: \$3,314,000	Expense:	Remaining:
Acct: 00-8600	Budget:	Available:	Expense:	Remaining:
Acct:	Budget:	Available:	Expense:	Remaining:

2,555,497

2,168,700

FM: Hope Cubb

Date: 5-30-12