

**CLEARLAKE OAKS COUNTY WATER DISTRICT
AGENDA, CALL AND NOTICE
SPECIAL MEETING OF THE BOARD OF DIRECTORS**

Clearlake Oaks County Water District Administration Building
12952 E. Hwy. 20 Clearlake Oaks, CA 95423 (707) 998-3322

April 19, 2018

This meeting will be conducted by Roberts Rule of Order.

Where appropriate or deemed necessary, the Board may take action on any item listed on the agenda, including items listed as information items. Public documents relating to any open session item listed on this agenda that are distributed to all or a majority of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection in the customer service area of the District's Administrative Office at the above address.

The public may address the Board concerning an agenda item either before or during the Board's consideration of that agenda item. The President will call for comments at the appropriate time. Comments will be subject to reasonable time limits of three minutes.

In compliance with the Americans with Disabilities Act, if you have a disability, and you need a disability-related modification or accommodation to participate in this meeting, then please contact Clearlake Oaks County Water District Secretary to the Board at 707-998-3322. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

Public comment on non-agenda items

This is the opportunity for the public to comment on non-agenda items within the Board's jurisdiction. Comments are limited to three (3) minutes

AGENDA

Call to Order 3:30 p.m.

Pledge of Allegiance

Roll Call

- Mrs. Margaret Medeiros, President Mr. Karl Hosier, Vice President Mr. Samuel Boucher, Director
- Mr. Stanley Archacki, Director Mrs. Barbara Higman, Director

- Mr. Alan Gardner – General Manager Mr. Jason Mitchell – Operations Manager
- Mrs. Dianna Mann - Secretary to the Board

New Business

- a. Discussion and consideration of replacing the media in the carbon contactors at the Water Plant per the attached quote from Calgon Carbon in the amount of \$70,080.00

Action Taken: _____

Adjournment

Time: _____

Greeting Board Members,

This quote is to exchange the GAC, (granular activated carbon) in our two carbon contact vessels. The media has not been changed since 2014 and its effective use has been depleted to the point of needing to be replaced. This is our back up / final defense against cyanobacteria caused by the blue/green algae that is so harmful to pets and small children. Anything that is not filtered out is caught here and prevented from entering the distribution system through the process of "adsorption".

The granular activated carbon is also very effective at removal of disinfection byproducts such as THMs (trihalomethains) and HAA5s (Haliocitic acids). It is very effective at lowering these carcinogens in our drinking water over the first 12 to 18 months, after which it slowly starts to lose its effectiveness until its fourth or fifth year when it stops being able to remove these chemicals almost completely.

The third and fourth benefits from granular activated carbon is its ability to remove taste and odor from our drinking water. After changing the carbon media in these contact vessels you should all notice a big improvement in our drinking water over last summer.

The reason for the expedited request for this service is that the media is removed and installed as a slurry, which means we at the water plant will have to make a large amount of filtered non chlorinated water available for this process and It would be much better to get this process completed before the summer months when the community consumes just about all the water we are capable of making here at the water plant.

Thank You for your time in considering this purchase request.

Dave Sherron

Chief Water Treatment Operator

Clearlake Oaks County Water District.

707-350-0521



Clearlake Oaks County Water District
P O Box 709 Clearlake Oaks, Ca 95423 (707) 998-3322 (707) 998-1245

Purchase Order

PO NO: _____

Date: .

Vendor: _____ Calgon Carbon

Phone: _____ 412.787.6702

Address: _____ 3000 GSK Drive,

Fax: _____

City, State, Zip: _____ Moon Township, PA. 15108

Contact Name: _____ Kimberly Cain

Item	Description	Quantity	Unit Price	Amount
1	Quote # MKCO41118507	1	\$70,080.00	\$70,080.00

COPY

Comments: Please see attached.	Sub-total	\$70,080.00
	Sales Tax .0875	
	Freight	
	Grand Total	\$70,080.00

Please Choose or TYPE Costing Code/s:

Ship to:

Scroll Down

Clearlake Oaks, CA 95423

Scroll Down

REQUISITIONER: DAVE SHERRON

DATE: 04/17/2018

ORDERED BY: _____

DATE: _____

MANAGER'S AUTHORIZATION: _____

DATE: _____



April 11, 2018

Dave Sherron
Clearlake Oaks County Water District
12545 E Highway 20
Clearlake Oaks, CA 95423

Quote: MKC041118507

Dear Mr. Sherron,

Thank you for your interest in Calgon Carbon Corporation to complete your upcoming GAC exchange. We are pleased to offer our services to assist you in this endeavor.

The price to perform a standard GAC exchange of 48,000lbs (2-24,000 lb vessels) with Filtrasorb 300M is \$70,080. The price includes carbon, freight and field service and is subject to Calgon Carbon Corporation's standard terms and conditions, a copy of which is attached. Calgon Carbon Corporation is proposing to perform the GAC exchange using bulk slurry techniques.

Please note for freight:

Includes 4 hrs detention - excess detention is \$95.65 per hour.

Layover charge if needed is \$244.25

As a reminder for bulk slurry service, the following conditions should be met -- Compressed air (100 cfm min.), water (60 psig and 150 gpm min.), drainage, 110V, 20 A power, lighting, and restrooms readily available.; Spent media must be free flowing and of a nature (e.g. not gummy or attrited) that does not blind water separation nozzles or screens.; Customer is to open all man ways for inspections, vacuum service and dry fills. Failure to allow Calgon Carbon to internally inspect the vessel for damage to under-drains that might result in a carbon release and for a spent carbon heel in the vessel that may cause premature contaminate break-through will make these failures solely the responsibility of the customer. If repairs to a vessel are required, labor and charges for additional materials and equipment will be invoiced as cost over-runs. Additional cost over-runs will be invoiced for wait time, poor equipment access, difficult to remove or install media, excessive trailer drain times, or other variances from the standard scope of supply.

A damage to under-drains that might result in a carbon release and for a spent carbon heel in the vessel that may cause premature contaminate break-through will make these failures solely the responsibility of the customer. If repairs to a vessel are required, labor and charges for additional materials and equipment will be invoiced as cost over-runs. Additional cost

over-runs will be invoiced for wait time, poor equipment access, difficult to remove or install media, excessive trailer drain times, or other variances from the standard scope of supply.

This quote includes 7.25% sales tax on the carbon portion. Standard lead time is 14 business days after receipt of a purchase order.

Quote is valid for 90 days. If your exchange is planned beyond the 90 day period, we will work with you.

Subject to Calgon Carbon Corporation Terms and Conditions.

If you would like to proceed with this offer, please email or fax a purchase order or credit card information to my attention. **Be sure to include your site address, requested date for service, and reference the above quotation number on your purchase order.** Please contact me with any additional questions.

Sincerely,

Kimberly A. Cain
Municipal Accounts Manager
Calgon Carbon Corporation
3000 GSK Drive
Moon Township, PA 15108
kcain@calgoncarbon.com
412-787-6702

Proposal Validity and Scope

Proposal Validity

Quotation is valid for 90 days. Payment terms are net 30 days from date of invoice. Unless otherwise noted in Calgon Carbon's Sales Proposal or Customer's Purchase Order, the services to be provided by Calgon Carbon and the requirements of the customer are defined in the following sections. Additional service costs will be invoiced for wait time, poor equipment access, difficult to remove or install media, excessive trailer drain times, or other variances from the standard scope of supply.

Standard Scope of Supply

Our quoted service price includes removal of the spent media from the customer vessel, inspection of vessel interior performed by viewing from outside man-way opening, and re-bedding with replacement media. Service is performed during normal operating hours of Monday to Friday. Weekend and holiday work can be performed at special rates. Bulk exchange pricing assumes adequate access to the vessel, customer supplies air and water for the exchanges, and vessel is equipped with media discharge and media fill lines terminated with male Camlock-type fittings. Two (2) hours are allotted for water to drain from trailers. Vacuum vessel change-out pricing assumes vertical cylindrical vessels with top entry that can

be filled pneumatically by pulling a vacuum on the vessel or by drop loading from super sacks directly over the top man-way. To avoid additional invoiced costs, conditions defined in the Site Criteria, and Spent Media Disposal sections below must also be met.

Site Criteria:

1. Compressed air (100 cfm min.), water (60 psig and 150 gpm min.), drainage, 110V, 20 A power, lighting, and restrooms readily available.
2. Suitable access and staging areas for materials and service equipment within 100 feet of equipment to be serviced.
3. Spent media must be free flowing and of a nature (e.g. not gummy or attrited) that does not blind water separation nozzles or screens.
4. Customer is to open all man ways for inspections, vacuum service and dry fills. Failure to allow Calgon Carbon to internally inspect the vessel for damage to under-drains that might result in a carbon release and for a spent carbon heel in the vessel that may cause premature contaminate break-through will make these failures solely the responsibility of the customer.
5. At sites where spent media is classified as a RCRA hazardous waste, customer is responsible for the disposal of contaminated PPE, equipment (e.g., filters) and decontamination rinse water.
6. Inclement weather provisions:
 - For extreme weather conditions (temp < 30 F or > 90 F; wind > 15 mph; heavy rain or snow, etc.), work may be postponed for safety reasons. However, in emergency situations, exceptional provisions (e.g. portable heaters, tarps, etc.) may be used to complete the work. Costs of such provisions are the responsibility of the customer.
 - Impassable roadways at a site will be considered a safety hazard and will result in delay or cancellation charges.

Spent Media Disposal

"If Calgon Carbon is to reactivate (or dispose) the spent media, acceptance (site removal) of spent media requires the generator to fully complete Calgon Carbon's Adsorbate Profile Document (APD) and submit a spent media sample as described in the APD. Sample generation is best accomplished by using a Carbon Acceptance canister which can be arranged through our Customer Service department. The spent media sample will be analyzed to ensure compliance with Calgon Carbon's spent media acceptance criteria. Please note that this analysis is not designed to provide information for completion of the APD, such as RCRA hazardous determination. Calgon Carbon can provide the additional service of TCLP testing for a fee of \$1,600 including all four testing parts, or the following fees for individual tests:

Volatiles -- \$330	Semi-Volatiles -- \$500	Metals -- \$250
Pesticides/Herbicides -- \$520		

To protect both our customers and Calgon Carbon from liability, spent media will not be removed from the job site without an approved profile. Federal and State regulations are very strict concerning storage and transportation of non-profiled material. Since the spent media review and approval process requires varying amounts of time (generally two to three weeks), customers are required to get acceptance prior to media exchange. If the spent media does

not have acceptance at the time of service, the spent media will be removed at a later date and additional charges may result.

Cost Over-Runs

Pricing is based on indicated quantities of media. If removed or replaced quantity is greater, the invoice will reflect actual quantity and additional costs for transportation, field service crew and material. If repairs to a vessel are required, labor and charges for additional materials and equipment will be invoiced as cost over-runs. Additional cost over-runs will be invoiced for wait time, poor equipment access, difficult to remove or install media, excessive trailer drain times, or other variances from the standard scope of supply. If media is solidified and customer requests Calgon Carbon to remove media, Calgon Carbon will not assume responsibility for any damage to vessel interior.

SPENT CARBON HANDLING:

Your carbon acceptance number 5079N is valid until 5/1/2019

If your exchange is scheduled after expiration, the following may apply:

The Fees listed above include handling of all spent carbon generated in the treatment application provided: 1) the spent carbon satisfies all spent carbon acceptance criteria established by Calgon Carbon; 2) the spent carbon is classified non hazardous as defined under the Federal Resource Conservation and Recovery Act (RCRA). If it is subsequently determined that the spent carbon generated is a Hazardous Waste as defined by RCRA, then the return of the spent carbon will be subject to a RCRA Spent Carbon Reactivation Fee in the amount of TWENTY-FIVE CENTS (\$.25) for each pound of spent carbon returned on a dry weight basis. The Fee will be determined at the time an order is placed for exchange of Activated Carbon or at the time a return of spent carbon is scheduled if purchase of replacement Activated Carbon is not required.

Transportation of Hazardous Media

If spent media is classified as hazardous, transportation of spent media is by a hazardous carrier. Customer is responsible for preparation of all required manifests. Wet, dripping, or loading super sacks of hazardous waste will not be acceptable for removal from site. We suggest that these items be placed under roof or tarp so that extra freight charges for rejected loads might be avoided. Please remember that as many as thirty (30) days may be needed to arrange hazardous transportation.

Questions

Further information may be obtained from your sales person, at our website www.calgoncarbon.com, or by calling 1-800-4-CARBON.