



Bid# 2678 Water Treatment Plant Chemicals

Addendum 2

AMENDMENT FOR POWDERED ACTIVATED CARBON

**-Please use the following pricing page for submission of Powdered Activated Carbon bid.**

## SPECIFICATIONS FOR POWDERED ACTIVATED CARBON

The company submitting this bid agrees to deliver to the Coddle Creek Water Treatment Plant, 6935 Davidson Hwy., Concord, North Carolina, approximately 410,000 lbs. of Powdered Activated Carbon, as ordered, for twelve (12) months beginning July 1, 2025. Each order will be placed, as needed approximately one tanker 30,000 to 40,000 lbs. at 1 to 2 month intervals.

This product must meet the physical and performance requirements of ANSI/AWWA B 600-05 Carbon Standard for powdered activated carbon. This product should be certified to NSF/ANSI Standard 61 with a maximum use level of 250 mg/l.

This product shall be a premium activated lignite based, bituminous based, or wood based carbon and will be primarily used for the removal of tastes, odors and other organics from potable water supplies. It should be the most effective water treatment carbon available for the removal of tannins and humic acids. These are precursors of Total Trihalomethanes and Haloacetic Acids and are major contributors to color and taste. This product should be effective for removing the extremely odorous compounds geosmin and methylisoborneol from raw surface waters. Product Specifications

Tannin value, mg/l	175-250
Iodine number, mg/l	800 min.
Moisture, % as packed	8 max.
Surface area, m <sup>2</sup> /g	1200-1600
Mesh Size:	
Less than 100 mesh (100 µm)	99 min.
Less than 200 mesh (75 µm)	95 min.
Less than 325 mesh (45 µm)	90 min.

Technical service required within 72 hours after request is placed.

All prices must be based FOB delivered to the Coddle Creek Plant within 15 days of the effective date of the contract, and that all future orders can be delivered within 7 days of the date of the placement of the order. All deliveries are to be made Monday through Friday between 6 A.M. and 4 P.M. Delivery personnel will be required to follow all OSHA PPE requirements. Any spills or leaks are to be cleaned up by the vendor and there will be no onsite disposal. **The supplier and or transporter must fax a copy of the driver license of the delivery driver, the manufacturer seal number of the product and the trailer identification number to the plant before deliveries will be accepted.**

The supplier must submit with the bid, a certificate of insurance carried as liability in the transport and sale of Powdered Activated Carbon.

The City of Concord reserves the right to modify quantities purchased under this contract to meet its needs. Upon mutual written agreement between the vendor and the City, the contract may be extended for additional periods.

Bid unit price per pound of product \$                      Base bid  
(Bid unit price per pound x                      lbs. approximate annual need) \$

This contract will be awarded to the lowest responsible bidder whose bid complies with all of the provisions of this document. The City reserves the right to reject any or all bids, waive technicalities, and will be the sole judge of suitability of the merchandise for the use by the City for intended purposes.