

INVITATION TO BID

COPY

ITB No. 4376

WATER TREATMENT PLANT CHEMICAL BID  
GRANULAR ACTIVATED CARBON (GAC)



Due Date: Thursday, April 30, 2015 at 2:00 p.m.

Issued By:

City of Ann Arbor  
Procurement Unit  
301 E. Huron Street  
Ann Arbor, MI 48104

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ADVERTISEMENT  
FOR THE  
WATER TREATMENT CHEMICAL BID  
GRANULAR ACTIVATED CARBON (GAC)  
ITB NO. 4376

Sealed Bids will be received by the City of Ann Arbor Procurement Unit, 301 East Huron Street, Fifth Floor, Larcom City Hall, on or before Thursday, April 30, 2015 by 2:00 PM for the chemical Granular Activated Carbon (GAC) for use by the City's Water Treatment System. Bids will be publically opened and read aloud at this time.

Granular Activated Carbon must be supplied to the City Water Treatment Plan, fob destination, freight prepaid. The selected bidder will be responsible for transferring the product from the transport vehicle to the City storage vessel.

Bid documents, plans, specifications, and addenda shall be downloaded by Bidders at either of the following websites: Michigan Inter-governmental Trade Network (MITN) [www.mitn.info](http://www.mitn.info) or City of Ann Arbor Purchasing website: [www.A2gov.org](http://www.A2gov.org). It is the Bidder's responsibility to verify they have obtained all information before submitting a bid.

Each bidder shall provide the City of Ann Arbor with a complete copy of the U. S. Department of Occupational Safety & Health Administration, Material Safety Data Sheets, (form OSHA-20) for each product bid.

A Bid, once submitted, becomes the property of the City. In the sole discretion of the City, the City reserves the right to allow a bidder to reclaim submitted documents provided the documents are requested and retrieved no later than 48 hours prior to the scheduled bid opening.

Precondition for entering into a Contract with the City of Ann Arbor is compliance with Chapter 112 of Title IX of the Code of the City of Ann Arbor. Further information is outlined in the Contract Documents.

After the time of opening, no Bid may be withdrawn for a period of 60 days. The City reserves the right to accept any Bid, to reject any or all Bids, to waive irregularities and/or informalities in any Bid, and to make the award in any manner the City believes to be in its best interest.

Any further information on bid documents may be obtained from the Procurement Office, (734) 794-6500.

CITY OF ANN ARBOR PROCUREMENT UNIT

# INVITATION TO BID

City of Ann Arbor  
Guy C. Larcom Municipal Building  
Ann Arbor, Michigan 48107

Ladies and Gentlemen:

The undersigned, as Bidder, declares that this Bid is made in good faith, without fraud or collusion with any person or persons bidding on the same Contract; that this Bidder has carefully read and examined the bid documents, including, City Nondiscrimination and Wage requirements, Vendor Conflict of Interest Form, Instructions to Bidders, Bid, Bid Forms, Contract, Bond Forms (if any), General Conditions, Standard Specifications, Detailed Specifications, all Addenda, and the Plans (if applicable) and understands them. The Bidder declares that it is fully informed as to the nature of the work and the conditions relating to the work's performance. The Bidder also declares that it has extensive experience in successfully completing projects similar to this one.

The Bidder acknowledges that it has not received or relied upon any representations or warrants of any nature whatsoever from the City of Ann Arbor, its agents or employees, and that this Bid is based solely upon the Bidder's own independent business judgment.

In accordance with these bid documents, and Addenda numbered N/A, the undersigned, as Bidder, proposes to perform all work included herein for the amounts set forth in the Bid Forms.

The Bidder declares that it has become familiar with the City Conflict of Interest Disclosure Form and certifies that the statement contained therein is true and correct.

If the Bidder enters into the Contract in accordance with this Bid, or if this Bid is rejected, then the accompanying check or Bid Bond shall be returned to the Bidder.

In submitting this Bid, it is understood that the right is reserved by the City to accept any Bid, to reject any or all Bids, to waive irregularities and/or informalities in any Bid, and to make the award in any manner the City believes to be in its best interest.

SIGNED THIS 28th DAY OF April, 2015

Calgon Carbon Corporation

Bidder's Name  
3000 GSK Drive

Moon Township, PA 15108

Official Address

412-787-6810

Telephone Number

  
Authorized Signature of Bidder

Robert A. McLaughlin/V.P. Municipal  
(Print Name of Signer Above)

nsullivan@calgoncarbon.com  
Email Address for Award Notice

**Section 1**  
**INSTRUCTIONS TO BIDDERS**

**General**

The City is soliciting bids for Granular Activated Carbon (GAC). Chemical specifications are included in Section 2

Any Bid which does not conform fully to these instructions may be rejected.

**Site Inspection**

Prior to Tuesday, April 28, 2015, a bidder may inspect the City's site and equipment. Inspections are by appointment only during business hours (8:00 a.m. to 3:00 p.m). Appointments can be scheduled by email to Larry Sanford, Assistant Manager, Water Treatment Unit at LSanford@a2gov.org. No appointments will be scheduled after April 28, 2015

**Preparation of Bids**

Bids should be prepared providing a straight-forward, concise description of the Bidder's ability to meet the requirements of the ITB. Bids shall be written in ink or typewritten. No erasures are permitted. Mistakes may be crossed out and corrected and must be initialed and dated in ink by the person signing the Bid.

Bids must be submitted on the "Bid Forms" provided with each blank properly filled in. If forms are not fully completed it may disqualify the bid.

Each person signing the Bid certifies that he/she is the person in the Bidder's firm/organization responsible for the decision as to the fees being offered in the Bid and has not and will not participated in any action contrary to the terms of this provision.

**Questions or Clarification on ITB Specifications**

All questions regarding this ITB shall be submitted via email. Emailed questions and inquires will be accepted from any and all prospective Bidders in accordance with the terms and conditions of the ITB.

All questions shall be submitted by April 24, 2015 and should be addressed as follows:  
Specification/Scope of Work questions emailed to Larry Sanford, Asst. Mgr, Water Treatment Services Unit at LSanford@a2gov.org.

Bid Process and HR Compliance questions emailed to Mark Berryman, Purchasing Manager at mberryman@a2gov.org.

## **Addenda**

If it becomes necessary to revise any part of the ITB, notice of the Addendum will be posted to Michigan Inter-governmental Trade Network (MITN) [www.mitn.info](http://www.mitn.info) and/or City of Ann Arbor web site [www.A2gov.org](http://www.A2gov.org) for all parties to download.

Each Bidder must in its Bid, to avoid any miscommunications, acknowledge all addenda which it has received, but the failure of a Bidder to receive, or acknowledge receipt of; any addenda shall not relieve the Bidder of the responsibility for complying with the terms thereof.

The City will not be bound by oral responses to inquiries or written responses other than written addenda.

## **Bid Submission**

All Bids are due and must be delivered to the City of Ann Arbor Procurement Unit on or before Thursday, April 30, 2015 by 2:00 PM. Bids submitted late or via oral, telephonic, telegraphic, electronic mail or facsimile **will not** be considered or accepted.

Each Bidder must submit one (1) original Bid and one (1) additional Bid copies in a sealed envelope clearly marked: **ITB No. 4376 – Water Treatment Chemical – Granular Activated Carbon.**

## **Bids must be addressed and delivered to:**

City of Ann Arbor  
Procurement Unit,  
c/o Customer Service, 1<sup>st</sup> Floor  
301 East Huron Street  
P.O. Box 8647  
Ann Arbor, MI 48107

All Bids received on or before the Due Date will be publicly opened and recorded immediately. No immediate decisions are rendered.

~~Hand delivered Bids will be date/time stamped/signed by the Procurement Unit at the address above in order to be considered. Normal business hours are 9:00 a.m. to 3:00 p.m. Monday through Friday, excluding Holidays. The City will not be liable to any Bidder for any unforeseen circumstances, delivery or postal delays. Postmarking to the Due Date will not substitute for receipt of the Bid. Each Bidder is responsible for submission of their Bid.~~

Additional time for submission of bids past the stated due date and time will not be granted to a single Bidder; however, additional time may be granted to all Bidders when the City determines in its sole discretion that circumstances warrant it.

## **Award**

The City intends to award a Contract(s) to the lowest responsible Bidder(s). For unit price bids, the contract will be awarded based upon the unit prices and the lump sum prices stated by the bidder. If the City determines that the unit price for any item is materially different for the work item bid than either other bidders or the general market, the City, in its sole discretion, in addition to any other right it may have, may reject the bid as not responsible or non-conforming.

The City intends to issue a purchase order to the selected Bidder. The City Purchase Order terms and conditions have been included. The contract term is to start approximately July 1, 2015 and continue through June 30, 2016 (twelve-month period). The City reserves the right to renew the contract with the selected Bidder for up to three (3) one-year periods provided that by sixty (60) days prior to the end of the original contract term or renewal term (as applicable) written notice of the City's exercise of its extension rights is provided to the Vendor. Extension to be under the same terms and conditions.

## **Official Documents**

The City of Ann Arbor officially distributes bid documents from the Procurement Unit or through the Michigan Intergovernmental Trade Network (MITN). Copies of the bid documents obtained from any other source are not Official copies. Addenda and other bid information will only be posted to these official distribution sites. If you obtained City of Ann Arbor Bid documents from other sources, it is recommended that you register on [www.MITN.info](http://www.MITN.info) and obtain an official Bid.

## **Withdrawal of Bids**

After the time of opening, no Bid may be withdrawn for the period of 60 days specified in the Advertisement. Bid Pricing must be firm through August 30, 2015

## **Human Rights Information**

All contractors proposing to do business with the City shall satisfy the contract compliance administrative policy adopted by the City Administrator in accordance with the Section 9:158 of the Ann Arbor City Code. Breach of the obligation not to discriminate as outlined in the General Conditions section herein shall be a material breach of the contract. Contractors are required to post a copy of Ann Arbor's Non-Discrimination Ordinance at all work locations where its employees provide services under a contract with the City.

## **Disclosures**

After bids are opened, all information in a submitter's bid is subjected to disclosure under the provisions of Michigan Public Act No. 442 of 1976, as amended (MCL 15.231 et seq.) known as the "Freedom of Information Act." The Freedom of Information Act

also provides for the complete disclosure of contracts and attachments thereto except where specifically exempted.

### **Bid Protest**

All Bid protests must be in writing and filed with the Purchasing Agent within five (5) business days of the award action. The Bidder must clearly state the reasons for the protest. If a Bidder contacts a City Service Area/Unit and indicates a desire to protest an award, the Service Area/Unit shall refer the Bidder to the Purchasing Agent. The Purchasing Agent will provide the Bidder with the appropriate instructions for filing the protest. The protest shall be reviewed by the City Administrator or designee whose decision shall be final.

### **Reservation of Rights**

The City of Ann Arbor reserves the right to accept any bid or alternative bid proposed in whole or in part, to reject any or all bids or alternatives bids in whole or in part and to waive irregularity and/or informalities in any bid and to make the award in any manner deemed in the best interest of the City.



**SECTION 2  
CITY OF ANN ARBOR  
STANDARD SPECIFICATIONS  
FOR  
GRANULAR ACTIVATED CARBON (GAC)**

This standard pertains to granular activated carbon (GAC) used in the treatment of municipal drinking water supplies.

**PART 1: General Information**

**Part 1.1 Definitions**

The following definitions shall apply in this standard:

Manufacturer: Any party that produces GAC as covered by this standard.

Purchaser: Any party that enters into a contract, either written or verbal, to purchase GAC in accordance with the provisions of this standard.

Vendor: Any party that enters into a contract, either written or verbal, to supply GAC for purchase in accordance with this standard.

Activated Carbon: A member of the family of carbonaceous substances manufactured by processes that develop internal porosity, thereby creating adsorptive properties.

GAC: Granular Activated Carbon

Adsorption: A process by which fluid molecules are concentrated on a surface by chemical and/or physical forces.

Effective Size: That size opening that will just pass 10 percent of a representative sample of filter material.

Uniformity Coefficient: A ratio of the size opening that will just pass 60 percent of a representative sample of the filter material divided by that opening that will just pass 10 percent of the same sample.

**Part 1.2 Affidavit of Compliance**

The purchaser requires an affidavit from the manufacturer that the GAC furnished under the purchaser's orders meets or exceeds the specifications of this standard.

**Part 1.3 Rejection**

*Notice of Nonconformance.* If the GAC does not meet the requirements of this standard, a notice of nonconformance shall be provided by the purchaser to the vendor within 10 working days of receipt of the shipment at its point of destination. The results of the purchaser's test shall prevail unless the vendor notifies the purchaser within five working days of receipt of the notice of nonconformance that a retest is desired. On receipt of the request for a retest, the purchaser shall forward to the vendor one of the sealed samples taken in accordance to section 3.2 of this standard. In the event that the retest results do not agree with the test results of the purchaser, the other sealed sample shall be forwarded to a referee laboratory agreed upon by both parties for analysis. The results of the referee laboratory's analysis shall be considered final. If the shipment is found to be in compliance with this standard, then the cost of the referee laboratory shall be assumed by the purchaser. If the shipment is found not to meet the specifications of this standard, the cost of the referee laboratory shall be assumed by the vendor.

If the material delivered is found to not meet the requirements of this standard, the responsibility of removal from the point of destination shall fall wholly on the vendor. An exception to this point may be made if a price adjustment is made between the vendor and the purchaser.

## **PART 2: Specifications**

### **Part 2.1 Physical Requirements**

The moisture content of GAC shall not exceed 2 percent, by weight of the reported bulk shipment quantities.

The particle density (wetted in water) of the GAC shall be not less than 1.3 g/cc. Specific gravity shall be 2.3 g/cc real density. The apparent density shall be at least 0.48 g/cc.

Effective size must be 0.8 to 1.0 mm. The GAC supplied shall have a uniformity coefficient not greater than 2.1 after backwashing and draining of the filter. Particle size (US Sieve) shall be such that not more than 15% is larger than #8 and not more than 4% is smaller than #30.

The abrasion number shall not be less than 78.

The surface area of the GAC supplied shall not be less than 900 m<sup>2</sup>/g (Nitrogen BET method). The pore volume shall not be less than 0.75 cc/g.

Water soluble ash content shall not exceed 1.0 percent by weight as determined according to Sec 4.10, AWWA B604-90.

Total ash shall not exceed 8.0%.

The granular activated carbon provided shall be virgin-grade material, manufactured only from select grades of **bituminous coal**. Lignite, peat, wood, coconut and sub-lignite GAC's **will not** be accepted.

**Part 2.3 Chemical Requirements**

The Iodine number of the GAC supplied shall not be less than 900 mg/g carbon as determined by ASTM D4607.

Water soluble phosphate shall not exceed 0.10 %.

**Part 2.5 Impurities**

The GAC provided under this standard shall contain no soluble or insoluble material, either organic or inorganic, capable of producing deleterious or injurious effects on the health of those consuming water that has been properly treated with GAC.

The granular activated carbon shall not contain specific impurities in excess of the limits listed in the *Water Chemicals Codex*.

**This standard applies to GAC that is prepared by conventional and accepted methods of production. If other methods or raw goods are used in its production, impurities may be present, and this would be inconsistent with good water treatment practices. Additional testing by the manufacturer or vendor will be required by the purchaser to insure that the GAC meets the requirements of this standard and is suitable for water treatment. The additional tests shall be in accordance with product evaluation analysis methods listed for the product available from the manufacturer.**

**PART 3: Marking and Shipping**

**Part 3.1 Marking**

Each bill of lading shall be marked legibly with the net weight of the contents, the name of the manufacturer, the name of the material, manufacturing code, and any labels required by local, state and federal authorities.

**Part 3.2 Sampling**

Samples shall be taken at the point of destination, in accordance to AWWA B604-90.

**Part 3.3 Shipping**

Bulk shipments of GAC shall be in clean cars or trucks with tight closures to avoid loss

and contamination of the product.

#### **PART 4: Testing Procedures**

All testing shall be done in accordance to the most current and applicable AWWA standard for GAC, as well as any requirements established by the purchaser. The following is a partial list of chemical and physical properties that are used to assess compliance of the delivered material to this and other applicable standards:

- 1. Moisture and density.**
- 2. Particle size distribution.**
- 3. Abrasion resistance (Ro-Tap method is recommended).**
- 4. Iodine number.**
- 5. Surface area and Pore volume.**
- 6. Water extractables.**

### SECTION 3: INSURANCE

Effective the date of this Agreement, and continuing without interruption during the term of this Agreement, Contractor shall provide certificates of insurance to the City on behalf of itself, and when requested any subcontractor(s).

A. The certificates of insurance shall meet the following minimum requirements.

1. Worker's Compensation Insurance in accordance with all applicable state and federal statutes. Further, Employers Liability Coverage shall pbe obtained in the following minimum amounts:

Bodily Injury by Accident - \$500,000 each accident  
Bodily Injury by Disease - \$500,000 each employee  
Bodily Injury by Disease - \$500,000 each policy limit

2. Commercial General Liability Insurance equivalent to, as a minimum, Insurance Services Office form CG 00 01 07 98 or current equivalent. The City of Ann Arbor shall be an additional insured. There shall be no added exclusions or limiting endorsements including, but not limited to: Products and Completed Operations, Explosion, or Pollution. Limited Pollution endorsement is allowed if Broadened Pollution Liability Coverage is included in the Motor Vehicle Liability Insurance. Further, the following minimum limits of liability are required:

\$1,000,000	Each occurrence as respect Bodily Injury Liability
or	
\$2,000,000	Property Damage Liability, or both combined
\$1,000,000	Per Job General Aggregate Personal and Advertising Injury

3. Motor Vehicle Liability Insurance, including Michigan No-Fault Coverages, equivalent to, as a minimum, Insurance Services Office form CA 00 01 07 97 or current equivalent. The City of Ann Arbor shall be an additional insured. There shall be no added exclusions or limiting endorsements. Coverage shall include all owned vehicles, all non-owned vehicles and all hired vehicles. Further, the limits of liability shall be \$1,000,000 for each occurrence as respects Bodily Injury Liability or Property Damage Liability, or both combined. Pollution Liability – Broadened Coverage Required
4. Umbrella/Excess Liability Insurance shall be provided to apply in excess of the Commercial General Liability,

Employers Liability and the Motor Vehicle coverage enumerated above, for each occurrence and for aggregate in the amount of \$1,000,000.

- B. Insurance required under .A 2 and .A.3 above of this contract shall be considered primary as respects any other valid or collectible insurance that the City may possess, including any self-insured retentions the City may have; and any other insurance the City does possess shall be considered excess insurance only and shall not be required to contribute with this insurance. Further, the Contractor agrees to waive any right of recovery by its insurer against the City.
  
- C. Documentation must provide and demonstrate an unconditional 30 day written notice of cancellation in favor of the City of Ann Arbor. Further, the documentation must explicitly state the following: (a) the policy number; name of insurance company; name and address of the agent or authorized representative; name and address of insured; project name; policy expiration date; and specific coverage amounts; (b) any deductibles or self-insured retentions which shall be approved by the City, in its sole discretion; (c) that the policy conforms to the requirements specified. An original certificate of insurance may be provided as an initial indication of the required insurance, provided that no later than 21 calendar days after commencement of any work the Contractor supplies a copy of the endorsements required on the policies. Upon request, the Contractor shall provide within 30 days a copy of the policy(ies) to the City. If any of the above coverages expire by their terms during the term of this contract, the Contractor shall deliver proof of renewal and/or new policies to the Administering Service Area/Unit at least ten days prior to the expiration date.

**SECTION 4: BID FORM**

*All Bidders shall submit pricing in the format requested*

GRANULAR ACTIVATED CARBON BULK	\$ <u>38.47</u>	Cubic Foot
FREIGHT and services	\$ <u>5.24</u>	
TOTAL DELIVERED COST	\$ <u>43.71</u>	Cubic Foot

INVOICE TERMS: Discount of -0% or \$ \_\_\_\_\_ will be allowed for payment of invoice thirty (30) days from day of delivery and acceptance.

OTHER TERMS: Less than 30 days, E.O.M., Proximo, etc., will not be considered in determining award of contract.

Granular Activated Carbon shall be supplied to the City of Ann Arbor Water Treatment Plant, f.o.b. destination, freight prepaid. Contractor shall be responsible for transferring the product from transport vehicle to the City of Ann Arbor filters. Bidder shall specify minimum shipping amount if any: Pricing above is for removal of spent and delivery of 3,400 cf of Filtrasorb 300\*GAC along with Field Service supervision and bi-yearly test monitoring reports.

\*PLEASE NOTE: Particle density, spec grav., surface area by nitrogen BET & pore volume are not standard specifications for GAC. These are generally tested in the academic environment. Calgon Carbon expects

QUANTITY: The annual quantity is approximately **3400 cubic feet**. This quantity is for estimating purposes only, not a guarantee of actual usage. Product will be ordered on an "as needed" basis. All prices are to remain firm.

MONITORING: The successful Bidder shall provide analyses and testing services of the GAC at 6 month intervals and provide the City with a report detailing the results of the tests. Analyses shall include iodine number, ash, apparent density, effective size, uniformity coefficient, abrasion number and percent volatiles.

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Filtrasorb 300 to meet these specified values; however, these are not controlled during manufacturing and should not be assumed to meet the specifications outlined herein.

## SECTION 5: PRICING

Supplier may revise the price semi-annually using the formula below, using the Producers Price Index (PPI) published by the U.S. Bureau of Labor Statistics ("BLS"). The choice of specific BLS Producers Price index or indices and the weighting given to a choice of multiple indices will be mutually agreed upon by the City and the Provider. Seasonally unadjusted indices will be used. The adjusted price will be in effect for six months only, at which time it will be adjusted again or revert to the bid price (base selling price).

- The Supplier should include in their bid an appropriate index or indices and the weighting to be applied to each. The Supplier should include the Series ID number with their bid and include their proposed revision formula.
- The Supplier will adjust the price semiannually, on January 20 and July 20 (if the renewal extensions are exercised or the contract is multiyear). The bid price (base selling price) must be in effect for at least 6 months before the first price adjustment.
- The Base Selling Price will be the amount bid by the Supplier.
- The Base Period Factor, denoted with a subscripted zero (in the example:  $E_0$  and  $D_0$ ), shall consist of an average of the most recent finalized indices for a period of one year, immediately preceding the date of the approved City Council resolution for the product being purchased, for that particular representative index. For monthly published indices this will be the arithmetic average of the twelve most recently published finalized indices. For quarterly published indices this will be the arithmetic average of the four most recently published finalized indices.
- The Adjustment Factor, denoted with no subscript (in the example: E and D), shall be based upon an average of the six most recently published monthly indices, (or three most recently published quarterly indices) at the time of the revision, for that particular index. For timeliness, if any monthly or quarterly index is still preliminary (designated with a P in the published numbers) at the time of the revision, it will be used in its preliminary state.
- Should the index referenced cease to be published or is published in an alternate form (different Series Number, Base Date, or Period), a mutually agreed upon and similar index will be used for future adjustments.
- When Base Dates are revised by the BLS, rebasing shall be done as needed based upon the old and new reference base period.
- The US Bureau of Labor Statistics Producers Price indices can be found at [www.bls.gov/ppi](http://www.bls.gov/ppi)
- The Revision Formula is:  $P = P_0[r/100(X/X_0) + s/100(Y/Y_0) + t/100(Z/Z_0) + \dots]$   
Where
- $P_0$  = Base Selling Price or original bid price as per the Bid Documents.
- P = Revised product price for the new future six month period.
- $X_0$  = Base Period Factor for a selected index.
- X = Adjustment Factor for the same index.



$r + s + t + \dots = 100$  = weighted proportion of selected index in revision formula

Following is an example of a revision formula. The parameters are defined below.

$$P = P_0 \times [0.70 (E/E_0) + 0.30 (D/D_0)]$$

Product Price

$P_0$  = Base Selling Price or original bid price as per the Bid Documents

$P$  = Revised product price for the new future six month period.

Electric Power

$E_0$  = Base Period Factor for Electric Power Distribution – East North Central

$E$  = Adjustment Factor for Electric Power Distribution – East North Central PPI Monthly Index - Series ID: PCU221122221122433, Not Seasonally Adjusted, Base Date: 9012

Diesel

$D_0$  = Base Period Factor for #2 Diesel Fuel

$D$  = Adjustment Factor for #2 Diesel Fuel PPI Monthly Index - Series ID: WPU057303, Not Seasonally Adjusted, Base Date: 8200

**City of Ann Arbor: General Terms and Conditions**  
The following General Terms and Conditions shall apply.

**Tax Exemption:** The City of Ann Arbor is tax exempt, ID# 38-6004534.

**Acceptance of Contract:** This order is the City's contract to purchase the goods and services described on the reverse front side of this document from the Vendor. The City's placement of this order is expressly conditioned upon the Vendor's acceptance of all the terms and conditions of purchase contained on or attached to this purchase order. All specifications, drawings, and data submitted to the Vendor with this order are hereby incorporated and made part hereof.

**Amendments:** No agreement or understanding to modify this contract shall be binding upon the City unless in writing and signed by the City's authorized agent.

**Delivery:** All prices must be F.O.B. delivery point. Time is of the essence on this contract. If delivery dates cannot be met, the Vendor agrees to advise the City, in writing of the earliest possible shipping date. The City reserves the right to cancel or purchase elsewhere and hold the Vendor accountable.

**Risk of Loss:** Regardless of F.O.B. point, the Vendor agrees to bear all risk of loss, injury, or destruction of goods and materials ordered herein which may for any reason occur prior to delivery or acceptance by the City, whichever is later. No such loss, injury, or destruction shall release the Vendor from any obligations hereunder.

**Inspection:** Goods and materials must be properly packaged. Damaged goods and materials will not be accepted. The City reserves the right to inspect the goods at a reasonable time subsequent to delivery where circumstances or conditions prevent effective inspection of the goods at the time of delivery. All rejected goods shall be returned to the Vendor at no cost to the City, whether the damage is readily apparent at the time of delivery or later. The City's acceptance is conditioned on such inspection.

**Patents and Copyrights:** If an article sold and delivered to the City hereunder shall be protected by any applicable patent or copyright, the Vendor agrees to indemnify and save harmless the City, from and against any and all suits, claims, judgments, and costs instituted or recovered against it by any person whomsoever on account of the use or sale of such articles by the City in violation or right under such patent or copyright.

**Uniform Commercial Code:** All applicable portions of the Michigan Uniform Commercial Code shall govern contracts for goods with the City of Ann Arbor; except as modified by contract documents.

**Non-waiver of Rights:** No failure of either party to exercise any power given to it hereunder or to insist upon strict compliance by the other party with its obligations hereunder, and no custom or practice of the parties at variance with the terms hereof, nor any payment under this agreement shall constitute a waiver of either party's right to demand exact compliance with the terms hereof.

**Material Safety Data Sheets:** Applicable Material Safety Data Sheets, in compliance with OSHA/MIOSHA hazard communication regulations/standards, must be provided by the Vendor to the City at the time of purchase.

**Assignments:** The Vendor agrees not to assign or transfer this contract or any part thereof without the written consent of the City of Ann Arbor, acting through its authorized representative. Any unauthorized assignment may subject the contractor to immediate termination.

**Laws Governing, Severability:** This contract shall be governed by and construed according to the laws of the State of Michigan. Vendor agrees to submit to the jurisdiction and venue of the Circuit Court of Washtenaw County, MI, or if original jurisdiction is established, the U.S. District Ct. for Eastern District of MI, Southern Division. The Vendor stipulates venues referenced are convenient and waives any claim of non-convenience. If any term herein is found to be ineffective, unenforceable or illegal under any present or future laws, such term shall be fully severable, and the remaining terms shall not be affected and shall remain full force and effect.

**Prevailing Wage:** It shall be the responsibility of the Vendor to comply, when applicable, with the prevailing wage requirements and/or the Davis-Bacon Act as amended.

**Living Wage:** It shall be the responsibility of the Vendor to comply, when applicable, with the City of Ann Arbor's Living Wage Ordinance as defined in Chapter 23, Section 1:811-1:821.

**Non-Discrimination:** It shall be the responsibility of the Vendor to comply, when applicable, with, all State, Federal and Local non-discrimination laws, including MCL 37.2209 and Section 9:158 of the City Code.

**Indemnification:** To the fullest extent permitted by law the Vendor shall indemnify, defend and hold the City, its officers, employees and agents harmless from all suits, claims, judgments and expenses including attorney's fees resulting or alleged to result from any act or omission, associated with the performance of this contract by the Vendor or anyone acting on the Vendor's behalf under this contract. The Vendor shall not be responsible to indemnify the City for losses or damages caused by or resulting from the City's sole negligence. This indemnity survives delivery and acceptance of the Vendor's goods and services.

**Warranty:** The Vendor warrants to the City that all goods and services furnished hereunder will conform in all respects to the terms of this contract, including any drawings, specifications and standards incorporated herein. In addition, the Vendor warrants the goods and services are suitable for and will perform in accordance with the purposes for which they were intended.

**Payment Terms:** The City of Ann Arbor's payment terms are net 30. The payment date will be calculated based on the invoice receipt date or delivery date, whichever is later.

**Payments:** All invoices for goods and services shall be emailed to [accountspayable@a2gov.org](mailto:accountspayable@a2gov.org). Mailed invoices shall be addressed to the City of Ann Arbor, Accounts Payable, P.O. Box 8647, Ann Arbor, MI-48107, as indicated on the front of this purchase order. Invoices must include the Vendor's name, phone number, and clearly listed item descriptions, quantities and units of measure. The Vendor acknowledges and understands that invoices not addressed as stated above shall have the net 30 begin once the invoice is received by Accounts Payable.

**Compliance with Laws:** The Vendor certifies that in performing this contract it will comply with all applicable provisions of Federal, State and Local laws, regulations, rules and orders.

**Termination for Cause:** In the event the Vendor fails, at any time, to comply with, fully perform or strictly adhere to any covenant, condition or representation contained within the contract, the City shall have the right to give written notice to Vendor of such failure. If such failure is not cured to the City's satisfaction within ten (10) business days from the time of delivery to Vendor of such notice, the City shall have the right to terminate immediately without the requirement of a further notice.



# Vendor Conflict of Interest Disclosure Form

All vendors interested in conducting business with the City of Ann Arbor must complete and return the Vendor Conflict of Interest Disclosure Form in order to be eligible to be awarded a contract. Please note that all vendors are subject to comply with the City of Ann Arbor's conflict interest policies as stated within the certification section below.

If a vendor has a relationship with a City of Ann Arbor official or employee, an immediate family member of a City of Ann Arbor official or employee, the vendor shall disclose the information required below.

**Certification:** I hereby certify that to my knowledge, there is no conflict of interest involving the vendor named below:

1. No City official or employee or City employee's immediate family member has an ownership interest in vendor's company or is deriving personal financial gain from this contract.
2. No retired or separated City official or employee who has been retired or separated from the City for less than one (1) year has an ownership interest in vendor's Company.
3. No City employee is contemporaneously employed or prospectively to be employed with the vendor.
4. Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any City employee or elected official to obtain or maintain a contract.
5. Please note any exceptions below:

Vendor Name	Vendor Phone Number
Calgon Carbon Corporation	412-787-6810
<b>Conflict of Interest Disclosure *</b>	
Name of City of Ann Arbor employees, elected officials, or immediate family members with whom there may be a potential conflict of interest.	<input type="checkbox"/> Relationship to employee <u>N/A</u> <input type="checkbox"/> Interest in vendor's company <u>N/A</u> <input type="checkbox"/> Other <u>N/A</u>

\*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest and they are detected by the City, vendor will be exempt from doing business with the City.

I certify that the information provided is true and correct by my signature below:

\_\_\_\_\_  
 Signature of Vendor Authorized Representative

4/28/15  
 Date

Robert A. McLaughlin/V.P. Municipal  
 Printed Name of Vendor Authorized Representative

**PROCUREMENT USE ONLY**

- Yes, named employee was involved in Bid / Proposal process.  
 No, named employee was not involved in procurement process or decision.

## LEGAL STATUS OF BIDDER

(The Bidder shall fill out the applicable section and strike out the other two.)

Bidder declares that it is:

- A corporation organized and doing business under the laws of the State of DE, Calgon Carbon Corp for whom Robert A. McLaughlin, bearing the office title of V.P. Municipal, whose signature is affixed to this Bid, is authorized to execute contracts.

**NOTE: If not incorporated in Michigan, please attach the corporation's Certificate of Authority**

- ~~• A limited liability company doing business under the laws of the State of \_\_\_\_\_, whom \_\_\_\_\_ bearing the title of \_\_\_\_\_, whose signature is affixed to this proposal, is authorized to execute contract on behalf of the LLC.~~

- ~~• A partnership, organized under the laws of the state of \_\_\_\_\_ and filed in the county of \_\_\_\_\_, whose members are (list all members and the street and mailing address of each) (attach separate sheet if necessary):  
\_\_\_\_\_  
\_\_\_\_\_~~

- An individual, whose signature with address, is affixed to this Bid: \_\_\_\_\_  
(initial here)

Authorized Official

Robert A. McLaughlin Date April 28, 2015  
(Print) Name Robert A. McLaughlin Title Vice President Municipal

Company: Calgon Carbon Corporation

Address: 3000 GSK Drive; Moon Township, PA 15108

Contact Phone (412) 787-6810 Fax (412) 787-6682

Email: nsullivan@calgoncarbon.com

## CITY OF ANN ARBOR NON-DISCRIMINATION ORDINANCE

Relevant provisions of Chapter 112, Nondiscrimination, of the Ann Arbor City Code are included below. You can review the entire ordinance at [www.a2gov.org/departments/city-clerk](http://www.a2gov.org/departments/city-clerk)

**Intent:** It is the intent of the city that no individual be denied equal protection of the laws; nor shall any individual be denied the enjoyment of his or her civil or political rights or be discriminated against because of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight.

**Discriminatory Employment Practices:** No person shall discriminate in the hire, employment, compensation, work classifications, conditions or terms, promotion or demotion, or termination of employment of any individual. No person shall discriminate in limiting membership, conditions of membership or termination of membership in any labor union or apprenticeship program.

**Discriminatory Effects:** No person shall adopt, enforce or employ any policy or requirement which has the effect of creating unequal opportunities according to actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight for an individual to obtain housing, employment or public accommodation, except for a bona fide business necessity. Such a necessity does not arise due to a mere inconvenience or because of suspected objection to such a person by neighbors, customers or other persons.

**Nondiscrimination by City Contractors:** All contractors proposing to do business with the City of Ann Arbor shall satisfy the contract compliance administrative policy adopted by the City Administrator in accordance with the guidelines of this section. All city contractors shall ensure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity and tends to eliminate inequality based upon any classification protected by this chapter. All contractors shall agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of any applicable protected classification. All contractors shall be required to post a copy of Ann Arbor's Non-Discrimination Ordinance at all work locations where its employees provide services under a contract with the city.

**Complaint Procedure:** If any individual has a grievance alleging a violation of this chapter, he/she has 180 calendar days from the date of the individual's knowledge of the allegedly discriminatory action or 180 calendar days from the date when the individual should have known of the alleged discriminatory action to file a complaint with the city's Human Rights Commission. If an individual fails to file a complaint alleging a violation of this chapter within the specified time frame, the complaint will not be considered by the Human Rights Commission. The complaint should be made in writing to the Human Rights Commission. The complaint may be filed in person with the City Clerk, by e-mail at [aahumanrightscommission@gmail.com](mailto:aahumanrightscommission@gmail.com), or by mail (Ann Arbor Human Rights Commission, PO Box 8647, Ann Arbor, MI 48107). The complaint must contain information about the alleged discrimination, such as name, address, phone number of the complainant and location, date and description of the alleged violation of this chapter.

**Private Actions For Damages or Injunctive Relief:** To the extent allowed by law, an individual who is the victim of discriminatory action in violation of this chapter may bring a civil action for appropriate injunctive relief or damages or both against the person(s) who acted in violation of this chapter

THIS IS AN OFFICIAL GOVERNMENT NOTICE AND  
MUST BE DISPLAYED WHERE EMPLOYEES CAN READILY SEE IT.




Nancy J. Sullivan

412.787-6810  
412.787-6682/fax


### Corporate Resolution

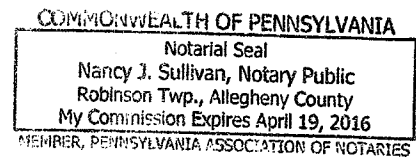
I, Richard D. Rose, Secretary, hereby certify that Robert A. McLaughlin, Vice President Municipal, is authorized to execute the attached contract/bid under the bylaws and delegations of the authority of Calgon Carbon Corporation. I fully certify that this delegation is in full force and effect, and as the person named in said delegation holds the office so designated.

**Calgon Carbon Corporation**  
**400 Calgon Carbon Drive**  
**Pittsburgh, PA 15205**  
**State of Incorporation: Delaware**  
**Date: November 27, 1967**

By:   
Richard D. Rose  
Senior Vice President  
General Counsel and Secretary

Date: April 27, 2015

Attest:   
Notary Public



My Commission Expires: April 19, 2016  
(date)