



**CENTRALBIDDING**  
FROM CENTRAL AUCTION HOUSE

**5000114227 - TWO (2) YEAR CONTRACT FOR VARIOUS CHEMICALS  
FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS -  
WATER**

Jefferson Parish Government

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)

26-Aug-2015 03:45:45 PM



**Bid Number 50 – 00114227**

**TWO (2) YEAR CONTRACT FOR VARIOUS CHEMICALS FOR THE  
JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS – WATER**

**BID DUE: THURSDAY, SEPTEMBER 10, 2015 AT 2:00 PM**

**ATTENTION VENDORS!!!**

**Please review all pages and respond accordingly, complying with all provisions  
in the technical specifications and Jefferson Parish Instructions for Bidders and  
General Terms and Conditions. All bids must be received in the Purchasing  
Department by the bid due date and time.**

**Jefferson Parish Purchasing Department  
200 Derbigny Street  
General Government Building, Suite 4400  
Gretna, LA 70053  
Buyer Name: Misty A. Camardelle  
Buyer Email: [mcamardelle@jeffparish.net](mailto:mcamardelle@jeffparish.net)  
Buyer Phone: 504-364-2683**

## **Two (2) Year Contract for Various Chemicals for the Jefferson Parish Department of Public Works - Water**

### **BID SPECIFICATIONS FOR CHEMICALS**

Liquid Ammonia, Zinc Sodium Hexametaphosphate, Bulk Polydadmac Polyelectrolyte Clarifloc, Ammonium Hydroxide Solution, Powdered Activated Carbon, & Liquid Chlorine, Fluorosilicic Acid, And Liquid Aluminum Sulfate

#### **Specifications for Line # 0010 (Bulk Liquid Ammonia)**

- A. The Liquid Ammonia must be certified for use in drinking water under National Sanitation Foundation Standard 60.
- B. The vendor must provide for the transfer of the Bulk Liquid Ammonia via his own hoses and truck mounted transfer pump. Vendor's hose connections must be compatible with the 1-1/4 inch acme adaptor on our tanks. Vendors must verify compatibility of their hose connections with our tanks before bidding (Contact Plant Superintendents at 504-838-4398 for Eastbank and 504-349-5085 for Westbank). The Ammonia will be placed into the storage tanks at each waterworks location by the delivery driver and will be supervised by the appropriate waterworks personnel.
- C. The Ammonia vendor shall provide an Annual Ammonia Safety Training Program at each waterworks facility as part of the contract obligation at no additional charge.

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#### **Specifications for Line #0020 (Zinc Sodium Hexametaphosphate)**

- A. The Zinc Sodium Hexametaphosphate bid must be equivalent to Virginia Chemical Vir Chem 937, Shannon Chemical Shan-No-Cor, or Calgon C-8 Or C-9, containing no less than 65% as Phosphate and 6.5% as Zinc; must be a free-flowing granular material sized such that at least 75% will pass a 10 mesh sieve and will be retained on a 80 mesh sieve; and must be soluble up to 3 lb/gal of cold tap water and remain free of precipitates for at least 5 days after preparation. Products requiring hot water for solution preparation are not acceptable.
- B. The Zinc Sodium Hexametaphosphate must be certified for use in drinking water under National Sanitation Foundation Standard 60.
- C. A technical information sheet indicating the percent composition of active ingredients must accompany each bid. The bid award will be based upon the lowest price per ton of the primary active ingredient, Metaphosphate (P205).

- D. The Zinc Sodium Hexametaphosphate must be supplied in 50 lb pails which are properly palletized on wooden pallets such that unloading can be promptly accomplished by waterworks personnel using their forklift.
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**Specifications for Line #0030 (Bulk Polydadmac Polyelectrolyte Clarifloc C-308p)**

- A. The Polydadmac (Polydiallyldimethylammonium Chloride) bid must be one of the following:
- a. Polydyne C-308P, Cytec Industries 587-C, Chemlink per Chem 550, Nalco 8792, G.S. Robin 120, CPS Chemical Agefloc Wt-20hv, Callaway Chemical Jay Floc 842, Citichem Chemfloc 615, or Calgon Cat-Floc T, T2, L or LS.
- B. The Polydadmac shall have a specific gravity of 1.03 - 1.05 g/ml, a viscosity less than 300 cps at 25 degrees, a shelf life of 12-24 months, and freezing point of minus 5 degrees C.
- C. The Polydadmac must meet the requirements of the latest version of American Water Works Association Standard B451 and must be certified for use in drinking water under National Sanitation Foundation Standard 60 to a dosage of 10 mg/L.
- D. Each vendor must bid only one Polydadmac product, clearly indicating the product name on the bid. A technical information sheet on the product bid award will be based upon the lowest price per ton of active ingredient.
- E. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
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**Specifications for Line #0040 (Ammonium Hydroxide Solution)**

- A. The 29.4% Ammonium Hydroxide Solution must be certified for use in drinking water Under National Sanitation Foundation Standard 60.
- B. The bid price of the Ammonium Hydroxide shall include any and all fees associated with drum return, such as environmental or cleaning fee.
- C. Shippers must provide necessary properly sized equipment to quickly unload their product at the delivery site.
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**Specifications for Line #0050 (Bulk Powdered Activated Carbon for Broad Spectrum)**

- A. The Powdered Activated Carbon must meet the requirements of the latest version of American Water Works Association Standard B600, must have a Phenol value of 1.8 - 3.2 g/L, and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
  - B. Each vendor must bid only one PAC product, clearly indicating the product name on the bid. A technical information sheet on the product bid must accompany the bid.
  - C. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
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**Specifications for Lines #0060 & #0070 (Liquid Chlorine)**

- A. The Liquid Chlorine must meet the requirements of the latest version of American Water Works Association Standard B301 and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
  - B. A comprehensive Quality Tracking Program (QTP) must be submitted by the supplier with the bid proposal and annually thereafter. The QTP must address the required Chlorine purity specifications and include documentation and reporting protocols to insure Chlorine Cylinder Integrity.
  - C. Chlorine Cylinder Valves must be properly aligned and the valve threads must be in good condition upon receipt. Otherwise the cylinder will be rejected and returned to the vendor.
  - D. The Chlorine vendor shall provide an Annual Chlorine Safety Training Program at each waterworks facility as part of the contract obligation at no additional charge.
  - E. Shippers must provide the necessary equipment to quickly unload one ton cylinders at the delivery site and pick up empty cylinders. Any cost associated with the pickup and return of empty cylinders shall be included in the bid price.
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**Specifications for Item #0080 (Fluorosilicic Acid)**

- A. The Fluorosilicic Acid must meet the requirements of the latest version of American Water Works Association Standard B703 and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
- B. The bid price of the Fluorosilicic Acid shall be made on a 100% dry basis such that a shipment of 25% Fluorosilicic Acid shall be paid at a rate of 25% of the bid price. A

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certified analysis indicating the percentage Fluorosilicic Acid must accompany each shipment.

- C. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
- D. In the event that any commodity sought in this bid is the subject of a nationwide product shortage which can be verified by Jefferson Parish, then Jefferson Parish will agree to suspend the obligation of the vendor to supply that commodity during any period of its unavailability. Price is based on 100 % acidity adjusted basis and 20 ton minimum releases.

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**Specifications for Item #0090 (Liquid Aluminum Sulfate)**

- A. The Liquid Aluminum Sulfate must be approximately 48.5% by weight dry Aluminum Sulfate (  $AL_2(SO_4)_3 \cdot 14H_2O$ , MW=594) and meet the requirements of the latest version Of American Water Works Association Standard B403, and must be certified for use in drinking water under National Sanitation Foundation Standard 60.
  - B. The bid price of the Liquid Aluminum Sulfate shall be made on a 100% dry basis such that a shipment of 48.5% Liquid Aluminum Sulfate shall be paid at a rate of 48.5% of the bid price. A certified analysis indicating the percentage must accompany each shipment.
  - C. Shippers must provide the necessary properly sized equipment to quickly unload their product into the designated storage tanks at the delivery site.
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**Water Department Chemical Bid quantities**

**0001 Bulk Liquid Ammonia** delivered freight prepaid in 2 or 3 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**220 tons**

**0002 Zinc Sodium Hexametaphosphate** delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**120 tons**

**0003 Bulk PolyDADMAC Polyelectrolyte** delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**1300 tons**

**0004 Ammonium Hydroxide Solution, 29.4%,** in 55 gal drums delivered freight prepaid in 10 drum shipments to 171A Birch Lane, Grand Isle, LA 70358 as required .

**90 drums**

**0005 Bulk Powdered Activated Carbon** for broad spectrum organics removal delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**400 tons**

**0006 Liquid Chlorine** in one ton cylinders delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**1300 tons**

**0007 Liquid Chlorine** in 150 pound cylinders delivered in **1500 lb shipments** freight prepaid to West Jefferson Waterworks 171A Birch Lane, Grand Isle, LA 70358 as required

**30,000 pounds**

**0008 Bulk Fluorosilicic Acid** bid on a 100% dry basis delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**140 tons**

**0009 Bulk Liquid Aluminum Sulfate** bid on a 100% dry basis delivered freight prepaid in 20 ton shipments to both the Eastbank and the Westbank Water treatment plants as required .

**3100 tons**

DATE: 8/26/2015

INVITATION TO BID  
THIS IS NOT AN ORDER

BID NO.: 50-00114227

**JEFFERSON PARISH**

Page: 1

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

BUYER: MCamardelle@jeffparish.net

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 9/10/2015 AND PUBLICLY OPENED THEREAFTER.

**LATE BIDS WILL NOT BE ACCEPTED**

Unless submitting via online (see Page 3), each bid must be submitted in a sealed envelope bearing on the outside; the name of the Bidder, his address, and the name of the project for which the bid is submitted and the bid number.

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION.**

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

**THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS**

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 113646 and/or Resolution No. 113647.

All vendors submitting bids must register as a Jefferson Parish vendor if not already yet registered. Bidders may be required to furnish current W-9 Forms and respective Tax Identification Numbers within 10 days after bid opening if such information is not on file or not up to date. Registration forms may be downloaded from [www.purchasing.jeffparish.net](http://www.purchasing.jeffparish.net) and clicking on Vendor Information.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing and fax them to the Purchasing Department at (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests. Questions may also be emailed to the buyer for this bid at the email address listed above. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)



JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

If the bid exceeds \$30,000.00 and the company is duly authorized to do business in the state of Louisiana, a corporate resolution must be submitted with the bid or the person signing the bid documents must be listed on the Louisiana Secretary of State's website as an officer of the corporation, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). If the bid is in excess of \$30,000 and bidder is registered out of the state of Louisiana, a corporate resolution must be submitted with the bid, unless bidder has otherwise complied with LSA-R.S. 38:2212(B)(5). Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. Bids submitted by Owner or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. Sole proprietors submitting bids for public works projects shall within 10 days after bid opening submit sole proprietorship certification.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. IN THE EVENT OF SPLIT AWARD, THE PURCHASING DEPARTMENT MAY CONTACT VENDORS TO REQUEST REQUIRED AFFIDAVITS. THOSE VENDORS WILL HAVE 10 DAYS FROM THE DATE OF NOTICE TO SUBMIT COMPLETE, SIGNED AND NOTARIZED AFFIDAVITS IN ORIGINAL FORMATS.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

**IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS**

**This Electronic Procurement System allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Please note requirements contained in this bid package for electronic bid submission.**

**Please visit the Purchasing Department webpage at <http://purchasing.jeffparish.net> to register and review Jefferson Parish solicitations.**

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 113646 or 113647 dated 12/09/09. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

**ADDITIONAL REQUIREMENTS FOR THIS BID**

**PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE  
CORRESPONDING INSTRUCTIONS BELOW.**

**5, 10, 12, 13, 15**

1. All bidders must attend the pre-bid conference in relation to this bid; attendance is mandatory. Failure to attend will prohibit a company from submitting a bid. Vendors arriving after the mandatory pre-bid conference begins will not be allowed to sign in as evidence of attendance.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid envelope. Failure to comply will cause the bid to be rejected. Additionally if submitting the bid electronically, then the license number must be entered in the appropriate field in the Electronic Procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. Unless otherwise stated in the bid specifications, the successful bidder will be required to procure standard insurance policies evidencing Parish-mandated insurance requirements as indicted on the attached sheet. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected. JEFFERSON PARISH reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. Acceptable forms shall be limited to cashier's check, certified check, or surety bid bond. All sureties must be in original format (no copies) If submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit and E-Verify Affidavit must be completed, signed, notarized and submitted by low bidder within 10 days after bid opening to the Purchasing Department on all solicitations for construction, alteration or demolition of public building or project, including but not limited to requirements found in LSA-RS 38:2212.9; LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1. Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits (in Original Format) required; Non-Collusion Affidavit, and Campaign Contribution Affidavit must be completed, signed, notarized and submitted by low bidder with bid submission within 10 days after bid opening to the Purchasing Department. See LSA-RS 38:2212.10; LSA-RS 38:2224; Code of Ordinances, Jefferson Parish, Louisiana, Sec 2-923.1 Failure to comply will cause bid to be rejected; the Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event. For the convenience of vendors, all affidavits have been combined into one form entitled NON-PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format for the bid to be considered responsive.
16. Since a bid surety is required, bid response may not be faxed. Bid submission will only be accepted online or as delivered to the Purchasing Department, 200 Derbigny Street, Suite 4400, Gretna, LA 70053 by 11am on the bid due date. All sureties must be in original format (no copies).

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 8/26/2015

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BID NO.: 50-00114227

**BID FORM**  
Non Public Works

**All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form**

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO X

MAXIMUM ESCALATION PERCENTAGE REQUESTED N/A %

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF 12/31/2017

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES 5 - 7 Days ARO

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) N/A

**THIS SECTION MUST BE COMPLETED BY BIDDER:**

FIRM NAME: Carus Corporation

ADDRESS: 315 Fifth Street

CITY, STATE: Peru, IL ZIP: 61354

TELEPHONE: ( 800 ) 435-6856 FAX: ( 815 ) 224-6697

EMAIL ADDRESS: bids@caruscorporation.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: N/A

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$237,600.00

AUTHORIZED SIGNATURE: Susan Buchanan

Susan Buchanan

Printed Name

TITLE: VP, CFO

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00114227

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	220.00	TN	TWO (2) YEAR CONTRACT FOR VARIOUS CHEMICALS FOR THE JEFFERSON PARISH DEPARTMENT OF PUBLIC WORKS - WATER  0010 BULK LIQUID AMMONIA (DELIVERED FREIGHT PREPAID IN  APPROXIMATELY 2 OR 3 TON SHIPMENTS TO BOTH THE EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATIONS:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072	NO BID	NO BID
2	120.00	TN	0020 ZINC SODIUM HEXAMETAPHOSPHATE (DELIVERED FREIGHT PREPAID IN 20 TON  SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072	\$1,980.00/ton \$0.99/lb	\$237,600.00
3	1,300.00	TN	0030 BULK POLYDADMAC POLYELECTROLYTE CLARIFLOC C-308P (DELIVERED FREIGHT  PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072	NO BID	NO BID
4	90.00	DRUM	0040 AMMONIUM HYDROXIDE SOLUTION, 29.4% IN 55 GALLON DRUMS  (DELIVERED FREIGHT PREPAID IN 10 DRUM SHIPMENTS AS REQUIRED).  DELIVERY TO: GRAND ISLE, LA 70358	NO BID	NO BID
5	400.00	TN	0050 BULK POWDERED ACTIVATED CARBON FOR BROAD SPECTRUM ORGANICS REMOVAL  (DELIVERED FREIGHT PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121	NO BID	NO BID

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00114227

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
6	1,300.00	TN	WESTBANK PLANT - MARRERO, LA 70072		
			0060 LIQUID CHLORINE IN 1 TON CYLINDERS (CYLINDERS DELIVERED FREIGHT PREPAID  IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072	NO BID	NO BID
7	30,000.00	LB	0070 LIQUID CHLORINE IN 150 POUND CYLINDERS	NO BID	NO BID
			(CYLINDERS DELIVERED IN 1500 LB SHIPMENTS FREIGHT PREPAID AS REQUIRED)  DELIVERY TO: GRAND ISLE, LA 70358		
8	140.00	TN	0080 BULK FLUOROSILICIC ACID BID ON A 100% DRY BASIS (DELIVERED FREIGHT	NO BID	NO BID
			PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70075		
9	3,100.00	TN	0090 BULK LIQUID ALUMINUM SULFATE BID ON A 100% DRY BASIS (DELIVERED FREIGHT PREPAID IN 20 TON SHIPMENTS TO BOTH EASTBANK AND WESTBANK WATER TREATMENT PLANTS AS REQUIRED).  DELIVERY LOCATION:  EASTBANK PLANT - JEFFERSON, LA 70121 WESTBANK PLANT - MARRERO, LA 70072	NO BID	NO BID

**CORPORATE RESOLUTION**

**\*\*SEE ATTACHED\*\***

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF  
\_\_\_\_\_  
INCORPORATED.

AT THE MEETING OF DIRECTORS OF \_\_\_\_\_  
INCORPORATED, DULY NOTICED AND HELD ON \_\_\_\_\_,  
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
WAS:

RESOLVED THAT \_\_\_\_\_, BE AND IS HEREBY  
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES  
ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS  
CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING  
EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-  
FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
A TRUE AND CORRECT COPY OF AN  
EXCERPT OF THE MINUTES OF THE ABOVE  
DATED MEETING OF THE BOARD OF  
DIRECTORS OF SAID CORPORATION, AND  
THE SAME HAS NOT BEEN REVOKED OR  
RESCINDED.

\_\_\_\_\_  
**SECRETARY-TREASURER**

\_\_\_\_\_  
**DATE**

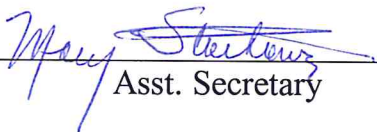


I, Mary E. Stachowicz, do hereby certify that I am a duly elected, qualified and acting Assistant Secretary of Carus Corporation, a Delaware corporation, and as such have custody of the corporate records and seal.

I hereby further certify that the following resolution was duly adopted by Unanimous Consent of the Board of Directors of Carus Corporation effective 25 September 2013 and is still in full force and effect as of the date below pertaining to persons authorized to act for the Corporation:

RESOLVED, that the attached schedule(s) with respect to the approval levels of the Leadership Team, Officers, and Staff of Carus Corporation for the practice of signing sales contracts and municipal bids, purchase requisitions, capital expenditures, and raw material supply contracts on behalf of this Corporation, effective 25 September 2013, be and it is (they are) hereby ratified and approved.

It witness whereof I have hereunto set my hand and affixed the seal of the corporation this 8<sup>th</sup> day of SEPTEMBER 2015.

  
Asst. Secretary

**SEAL**





**COMPANY CONFIDENTIAL**

**CARUS CORPORATION  
GRANTS OF AUTHORITY FOR SALES CONTRACTS  
(INCLUDING MUNICIPAL BIDS)**

**EFFECTIVE 25 SEPTEMBER 2013**

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<b><u>TITLE</u></b>	<b><u>REVENUE AUTHORITY LEVEL OVER THE LIFE OF THE CONTRACT</u></b>
Chairman and Chairman Emeritus	>\$5,000,000
Chief Executive Officer	\$5,000,000
President	\$4,000,000
VP, Chief Financial Officer, Treasurer	\$3,000,000
VP, Chief Operating Officer	\$2,000,000
VP, Corporate Development	\$2,000,000
VP, Sales & Marketing	\$1,500,000
General Manager	\$1,000,000
VP, Business Development/Europe	\$ 500,000
Managing Director	\$ 500,000
Market Manager	\$ 250,000

**NOTES: ANY CONTRACT OR BID THAT IS EFFECTIVE FOR LONGER THAN ONE YEAR, REGARDLESS OF REVENUE VOLUME, REQUIRES THE SIGNATURE OF THE PRESIDENT OR CFO OF CARUS CORPORATION.**

**ANY CONTRACT OR BID THAT IS EFFECTIVE FOR MORE THAN ONE YEAR IS SUBJECT TO AN ANNUAL PRICE REVIEW, REGARDLESS OF ESCALATION CLAUSES.**

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## **Non-Public Works Bid Affidavit Instructions**

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

*Instruction sheet may be omitted when submitting the affidavit*

**Non-Public Works Bid****AFFIDAVIT**STATE OF IllinoisPARISH/COUNTY OF LaSalle

BEFORE ME, the undersigned authority, personally came and appeared: \_\_\_\_\_

Susan Buchanan, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized VP, CFO of Carus Corporation (Entity), the party who submitted a bid in response to Bid Number 50-00114227, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

**Choice B** X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Debt Disclosures

**(Choose A or B, if option A is indicated please include the required attachment):**

**Choice A** \_\_\_\_\_ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

**Choice B** X \_\_\_\_\_ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

*[The remainder of this page is intentionally left blank.]*

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Susan Buchanan  
Signature of Affiant

Susan Buchanan, VP, CFO  
Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME  
ON THE 8th DAY OF September, 2015.

Shelley A Burr  
Notary Public

Shelley A. Burr  
Printed Name of Notary

221785  
Notary/Bar Roll Number



My commission expires April 11, 2018

**INSURANCE REQUIREMENTS - BIDS**

All insurance requirements shall conform to Jefferson Parish Resolution No. 113646 or No. 113647. The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and said Parish Resolutions. Except as otherwise provided by law, the Parish Attorney's Office with the concurrence of the Director of Risk Management is authorized to omit in whole or part the insurance requirements of this section in connection with contracts. Vendors inquiring about this shall submit his written request to the Purchasing Department prior to the due date of the bid. Contractor must deliver and maintain such insurances as provided; failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

*Successful bidder will be required to procure standard insurance policies evidencing Parish mandated insurance requirements indicated below. The current certificate of insurance must be submitted by low bidder within 10 days after bid opening to the Purchasing Department. Failure to comply will cause bid to be rejected.*

**1. WORKER'S COMPENSATION INSURANCE**

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

**2. COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

**3. COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.  
Property Damage Liability \$1,000,000.00 each occurrence.

**DEDUCTIBLES**

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible shall be borne by the contractor.

NOTE: If the vendor requires a change in deductibles, the request must be submitted in writing to the Purchasing Department prior to the due date of the bid. Such request shall be reviewed by the Parish Attorney's Office.

**UMBRELLA LIABILITY COVERAGE**

An umbrella policy or excess may be used to meet minimum requirements.

**CONSTRUCTION AND RENOVATION PROJECTS:**

Unless otherwise specified in the bid, these additional insurance is required. Such insurance is due upon contract execution.

**OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

**BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

**NOTE for CERTIFICATE HOLDER:**

All insurance certificates shall list the certificate holder as follows:

"The Parish of Jefferson, its Districts, Departments and Agencies under the direction of the Parish President and the Parish Council." Additionally, the address on the Certificates should reflect the department which is letting the bid and reference the respective bid number.

Revised 2.10.2014

# CERTIFICATE OF CONFORMANCE

Product: CARUS™ 3350

Lot Number: 7291871508

Date of Manufacture: 25-Aug-2015

Typical Values	Result	Units	Min	Max
Total Phosphate	64.7	%	60.5	70
1% Solution pH	2.7			3.5
Zinc	6.9	%	6	8
Appearance	Pass			

Analyst: D. Brown



Carus Corporation  
1500 Eighth Street  
LaSalle, IL 61301  
[www.caruscorporation.com](http://www.caruscorporation.com)

By: *Lori Setchell*

Lori Setchell  
Quality Control Manager  
815-224-6842



# CARUS WATER

Municipal Drinking Water

## CARUS™ 3350 WATER TREATMENT CHEMICAL DATA SHEET



CARUS™ 3350 water treatment chemical is a corrosion inhibitor and sequestrant for use in potable and industrial water systems. The product is a dry blend which is readily soluble in water. CARUS 3350 utilizes the highest quality phosphates for better sequestration and corrosion control.

### BENEFITS OF CARUS 3350

- Reduces discoloration, staining, and sediment buildup in the water system resulting in fewer customer complaints
- Diminishes calcium scale deposits typically seen in hot water lines and heaters
- Inhibits corrosion of steel distribution system water lines, iron and galvanized piping, and lead and copper plumbing
- Decreases iron tuberculation to extend the life of the distribution system
- Lowers lead and copper levels in the delivered potable water by inhibiting corrosion in the water system
- Controls iron and manganese minimizing rusty or dirty water in the distribution system
- Saves money by reducing corrosion and decreasing hydrant flushing, leaks, and failures

### PROPERTIES AND CERTIFICATIONS

Description: White granular solid  
Solubility (lbs/gal): 2.0  
Bulk Density: 90 lbs/ft<sup>3</sup>  
NSF Maximum Feed Rate: 5 mg/L  
NSF/ANSI Standard 60



### HANDLING AND STORAGE

CARUS 3350 water treatment chemical should be handled with care. Wear proper protective equipment including goggles, face shield, apron, respirator and proper gloves when handling this product.

Protect containers from physical damage. Store in a cool, dry area in closed containers. In case of accidental release: contain spill by collecting the liquid in a pit or holding behind a dam (sand or soil). Absorb with inert media and dispose of properly. Disposal of all materials shall be in full and strict compliance with federal, state, and local regulations. Consult the MSDS for additional safety information.

### SHIPPING

CARUS 3350 water treatment chemical is listed as a Corrosive solid, acidic, inorganic, n.o.s. (contains sodium bisulfate) and is hazardous according the US Department of Transportation, Canada TDG, UN, IMDG, or IATA regulations.

### COMPATIBILITY INFORMATION

CARUS 3350 water treatment chemical can be stored in high-medium density polyethylene, cross-linked polyethylene, and fiberglass reinforced plastic. Piping materials may include schedule 80 PVC/CPVC piping, clear PVC, and white polyethylene tubing. Pump materials may include ceramic, Teflon, viton, hypalon and PVC liquid end pump materials.

Metering equipment can include diaphragm and peristaltic type metering pumps and other pumps meeting compatibility requirements.

It is not compatible with black iron, mild steel, galvanized metals, aluminum, zinc, stainless steel, copper, lead, brass, bronze, tin, and other base metals.

### CARUS CORPORATION

### ONE COMPANY. ENDLESS SOLUTIONS

CORPORATE HEADQUARTERS | 315 Fifth Street, Peru IL 61354 | Tel + 1.815.223.1500 / 1-800-435-6856 | Fax + 1.815.224.6697 | Web: [www.caruschem.com](http://www.caruschem.com) | E-Mail: [salesmkt@caruschem.com](mailto:salesmkt@caruschem.com)  
CARUS EUROPE | Parque Empresarial de ASIPO | C/Secundino Rocas 3, Planta 1, Oficina 13-14 | 33428 Cayes, Llanera Spain | Tel +34.985.78.55.13 / Fax +34.985.78.55.10

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RESPONSIBLE CARE®  
OUR COMMITMENT TO SUSTAINABILITY



# CARUS WATER

Municipal Drinking Water

## CARUS™ 3350 WATER TREATMENT CHEMICAL DATA SHEET



### SHIPPING CONTAINERS

50-lb Polyethylene bag or 50-lb multi wall paper bag  
Made of 5.5 mL polyethylene valve bag with a tuck sleeve. Multi wall paper bag that is water resistant. The net weight is 50 lb (22.7 kg).

50-lb pail (50-lb) with handle, made of HDPE, weighs 3.1lbs. It is tapered to allow nested storage of empty drums, stands approximately 15.5 inches high and has a maximum diameter of 12 inches. The net weight is 50 lb (22.7 kg).

### CARUS VALUE ADDED

#### LABORATORY SUPPORT

Carus Corporation has technical assistance available to answer questions, evaluate treatment alternatives, and perform laboratory testing. Our laboratory capabilities include: Consulting, Treatability Studies, Feasibility Studies, and Analytical Services.

#### FIELD SERVICES

As an integral part of our technical support, Carus provides extensive on-site treatment assistance. We offer full application services, including technical expertise, supervision, testing, and feed equipment design and installation in order to accomplish a successful evaluation and/or application.

#### CARUS CORPORATION

During its more than 98-year history, Carus' ongoing emphasis on research and development, technical support, and customer service has enabled the company to become the world leader in permanganate, manganese, oxidation, and base-metal catalyst technologies.

### CARUS CORPORATION

### ONE COMPANY. ENDLESS SOLUTIONS

CORPORATE HEADQUARTERS | 315 Fifth Street, Peru IL 61354 | Tel + 1.815.223.1500 / 1-800-435-6856 | Fax + 1.815.224.6697 | Web: [www.caruschem.com](http://www.caruschem.com) | E-Mail: [salesmkt@caruschem.com](mailto:salesmkt@caruschem.com)  
CARUS EUROPE | Parque Empresarial de ASIPO | C/Secundino Rocas 3, Planta 1, Oficina 13-14 | 33428 Cayes, Llanera Spain | Tel +34.985.78.55.13 / Fax +34.985.78.55.10

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form PH 15233

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RESPONSIBLE CARE®  
OUR COMMITMENT TO SUSTAINABILITY



CARUS®



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product identifier** CARUS™ 3350 WATER TREATMENT CHEMICAL  
**Version #** 03  
**Issue date** 19-December-2014  
**Revision date** 23-February-2015  
**Supersedes date** 23-February-2015  
**CAS #** Mixture  
**Product use** CARUS™ 3350 WATER TREATMENT CHEMICAL is an effective corrosion inhibitor developed specifically for use in potable and industrial water systems.

### Manufacturer information

**Manufacturer/Supplier**  
**Company name** CARUS CORPORATION  
**Address** 315 Fifth Street,  
Peru, IL 61354, USA  
**Telephone** +1 815 223-1500 - All other non-emergency inquiries about the product should be directed to the company  
**E-mail** salesmkt@caruscorporation.com  
**Website** www.caruscorporation.com  
**Contact person** Dr. Chithambarathanu Pillai  
**Emergency telephone number** For Hazardous Materials [or Dangerous Goods] Incidents ONLY

(spill, leak, fire, exposure or accident), call CHEMTREC at  
CHEMTREC®, USA: 001 (800) 424-9300  
CHEMTREC®, Mexico (Toll-Free - must be dialed from within country):  
01-800-681-9531  
CHEMTREC®, Other countries: 001 (703) 527-3887

## 2. Hazards Identification

**Emergency overview** WARNING  
Harmful if swallowed. Causes severe eye irritation.

**Potential health effects**  
**Routes of exposure** Eye contact. Skin contact. Inhalation. Ingestion.  
**Eyes** Causes severe eye irritation.  
**Skin** May cause skin irritation.  
**Inhalation** Dust may irritate the respiratory system.  
**Ingestion** Harmful if swallowed.

**Target organs** Eyes. Skin.

**Chronic effects** Prolonged or repeated contact may dry skin and cause dermatitis.

**Signs and symptoms** Exposed individuals may experience eye tearing, redness, and discomfort.

**Potential environmental effects** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Zinc sulfate	7733-02-0	15 - 20
Sodium bisulfate	7681-38-1	10 - 15

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## 4. First Aid Measures

### First aid procedures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Do not rub eyes. Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists. Get medical attention immediately.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Notes to physician	Provide general supportive measures and treat symptomatically.
General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## 5. Fire Fighting Measures

Flammable properties	No unusual fire or explosion hazards noted.
Extinguishing media	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Protection of firefighters	
Protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Explosion data	
Sensitivity to static discharge	Not sensitive.
Sensitivity to mechanical impact	Not sensitive.
Hazardous combustion products	Sodium oxides. Sulfur dioxide.

## 6. Accidental Release Measures

Personal precautions	Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
Methods for containment	Avoid dust formation. Sweep up or vacuum up spillage and collect in suitable container for disposal.
Methods for cleaning up	Following product recovery, flush area with water. For waste disposal, see Section 13 of the MSDS.
Other information	Clean up in accordance with all applicable regulations.

## 7. Handling and Storage

Handling	Minimize dust generation and accumulation. Provide adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.
Storage	Store away from incompatible materials (See Section 10). Store in a dry place.

## 8. Exposure Controls / Personal Protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Engineering controls	Ventilate as needed to control airborne dust. Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust.
Personal protective equipment	
Eye / face protection	Wear dust-resistant safety goggles where there is danger of eye contact.

**Skin protection**  
**Respiratory protection**

Wear suitable protective clothing.

When engineering controls are not sufficient to lower exposure levels below the applicable exposure limit, use a NIOSH approved respirator for dusts. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use. Seek advice from local supervisor. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter.

## 9. Physical & Chemical Properties

<b>Appearance</b>	White granules, glass plates or powder.
<b>Physical state</b>	Liquid.
<b>Form</b>	Powder. Granules.
<b>Color</b>	White.
<b>Odor</b>	Odorless.
<b>Odor threshold</b>	Not applicable.
<b>pH</b>	1% solution = $3.5 \pm 0.5$
<b>Vapor pressure</b>	Not applicable.
<b>Vapor density</b>	Not applicable.
<b>Boiling point</b>	Not available.
<b>Melting point/Freezing point</b>	Not available.
<b>Solubility (water)</b>	Soluble in water.
<b>Specific gravity</b>	Not available.
<b>Flash point</b>	Not applicable.
<b>Flammability limits in air, upper, % by volume</b>	Not applicable.
<b>Flammability limits in air, lower, % by volume</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not available.
<b>Evaporation rate</b>	Not applicable.
<b>Viscosity</b>	Not applicable.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Bulk density</b>	90 lbs/ft <sup>3</sup>
<b>Other data</b>	
<b>Explosive limit - lower (%)</b>	Not applicable.
<b>Explosive limit - upper (%)</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Non flammable.

## 10. Chemical Stability & Reactivity Information

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	Sulfur dioxide. Sodium oxides.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.

## 11. Toxicological Information

<b>Toxicological information</b>	Occupational exposure to the substance or mixture may cause adverse effects.
<b>Acute effects</b>	Harmful if swallowed.
<b>Sensitization</b>	Not a skin or respiratory sensitizer.
<b>Local effects</b>	Causes severe eye irritation.
<b>Chronic effects</b>	Prolonged or repeated contact may dry skin and cause dermatitis.

<b>Carcinogenicity</b>	Not available.
<b>Skin corrosion/irritation</b>	Prolonged contact may cause dryness of the skin.
<b>Serious eye damage/irritation</b>	Causes serious eye damage.
<b>Mutagenicity</b>	Not available.
<b>Reproductive effects</b>	No data available.
<b>Teratogenicity</b>	Not available.
<b>Symptoms and target organs</b>	Exposed individuals may experience eye tearing, redness, and discomfort.
<b>Synergistic materials</b>	Not available.

## 12. Ecological Information

### Ecotoxicological data

Components	Species	Test Results
Zinc sulfate (CAS 7733-02-0)		
<b>Aquatic</b>		
Fish	LC50 Carp (Cyprinus carpio)	0.15 mg/l, 96 hours
<b>Ecotoxicity</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
<b>Environmental effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.	
<b>Aquatic toxicity</b>	Toxic to aquatic life.	
<b>Persistence and degradability</b>	The product is not expected to be readily biodegradable.	
<b>Mobility in environmental media</b>	The product is water soluble and may spread in water systems.	

## 13. Disposal Considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Waste from residues / unused products</b>	Dispose in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

### TDG

<b>UN number</b>	UN3260
<b>UN proper shipping name</b>	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Sodium bisulfate)
<b>Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	D
<b>Special precautions for user</b>	Read safety instructions, MSDS and emergency procedures before handling.

### IATA

<b>UN number</b>	UN3260
<b>UN proper shipping name</b>	Corrosive solid, acidic, inorganic, n.o.s. (Sodium bisulfate)
<b>Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	No.
<b>ERG Code</b>	8L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IMDG

<b>UN number</b>	UN3260
<b>UN proper shipping name</b>	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (Sodium bisulfate)
<b>Transport hazard class(es)</b>	
Class	8
Subsidiary risk	-
<b>Packing group</b>	III

**Environmental hazards**

<b>Marine pollutant</b>	No.
<b>EmS</b>	F-A, S-B
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**15. Regulatory Information**

<b>Canadian regulations</b>	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
<b>WHMIS status</b>	Controlled
<b>WHMIS classification</b>	D2B - Other Toxic Effects-TOXIC
<b>WHMIS labeling</b>	

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other Information**

<b>HMIS® ratings</b>	Health: 2 Flammability: 0 Physical hazard: 0
----------------------	--

<b>NFPA ratings</b>	Health: 2 Flammability: 0 Instability: 0
---------------------	--

<b>Disclaimer</b>	<p>The information contained herein is accurate to the best of our knowledge. However, data, safety standards and government regulations are subject to change and, therefore, holders and users should satisfy themselves that they are aware of all current data and regulations relevant to their particular use of product. CARUS CORPORATION DISCLAIMS ALL LIABILITY FOR RELIANCE ON THE COMPLETENESS OR ACCURACY OF THE INFORMATION INCLUDED HEREIN. CARUS CORPORATION MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE OF THE PRODUCT DESCRIBED HEREIN. All conditions relating to storage, handling, and use of the product are beyond the control of Carus Corporation, and shall be the sole responsibility of the holder or user of the product.</p>
-------------------	--

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**Prepared by** CARUS CORPORATION



The Public Health and Safety Organization

## NSF Product and Service Listings

These NSF Official Listings are current as of **Thursday, August 27, 2015** at 12:15 a.m. Eastern Time. Please [contact NSF International](#) to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:

<http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=carus&TradeName=3350&>

---

### NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

---

#### Carus Corporation

315 Fifth Street  
P.O. Box 599  
Peru, IL 61354-0599  
United States  
800-435-6856  
815-223-1500

**Facility :** # 1 La Salle, IL

#### Miscellaneous Corrosion Chemicals

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CARUS™ 3350[ZN]	Corrosion & Scale Control Sequestering	5mg/L

[ZN] Based on an evaluation of health effects data, the level of zinc in the finished drinking water shall not exceed 2.0 mg/L.

[PO] The finished drinking water shall be monitored to ensure that levels of manganese do not exceed 0.05 mg/L.

**Facility :** # 4 USA



---

**Miscellaneous Corrosion Chemicals**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
CARUS™ 3350[ZN]	Corrosion & Scale Control Sequestering	5mg/L

[ZN] Based on an evaluation of health effects data, the level of zinc in the finished drinking water shall not exceed 2.0 mg/L.

[AL] Based on an evaluation of health effects data, the level of aluminum in the finished drinking water shall not exceed 2 mg/L.

---

Number of matching Manufacturers is 1

Number of matching Products is 2

Processing time was 1 seconds



### **CARUS PRODUCT WARRANTY STATEMENT**

NO MATERIAL SHALL BE RETURNED WITHOUT PRIOR WRITTEN INSTRUCTIONS FROM CARUS CORPORATION, CUSTOMER SERVICE DEPARTMENT.

We hereby certify that these goods were produced in compliance with all applicable requirements of Section 6, 7, and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor under Section 14 thereof and to meet specifications.

Carus warrants that products delivered meets our standard specification for the material. If product is not compliant with our specifications, product will be replaced. It is the responsibility of the buyer to ensure that product storage and handling is in compliance with product specification sheets.

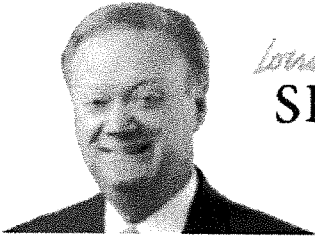
Susan Buchanan, VP, CFO

Carus Corporation  
315 Fifth Street  
P.O. Box 599  
Peru, IL 61354-0599  
Tel (815) 223 1500  
Fax (815) 224 6697



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Name	Type	City	Detail
CARUSO FOR MAYOR CAMPAIGN COMMITTEE, INC.	Business Corporation	SLIDELL	<a href="#">Details</a>
CARUSO'S - OLIVE TREE, INC.	Business Corporation	LAKE CHARLES	<a href="#">Details</a>
CARUSO PEST CONTROL, INC., GARY	Business Corporation	METAIRIE	<a href="#">Details</a>
<b>CARUSO PROPERTIES, LLC</b>	Limited Liability Company	GREENWELL SPRINGS	<a href="#">Details</a>
CARUSO REALTY, INC.	Business Corporation	NEW ORLEANS	<a href="#">Details</a>
<b>CARUSO'S ROLLOFF SERVICES LLC</b>	Limited Liability Company	JEFFERSON	<a href="#">Details</a>
<b>CARUSO'S SEAFOOD</b>	Trade Name	ST BERNARD	<a href="#">Details</a>
<b>CARUSO SERVICES, L.L.C.</b>	Limited Liability Company	METAIRIE	<a href="#">Details</a>
CARUSO-SIMONEAUX AGENCY, INC.	Business Corporation	BATON ROUGE	<a href="#">Details</a>
CARUSO & SON REALTY, INC.	Business Corporation	CHALMETTE	<a href="#">Details</a>
<b>CARUSO UPHOLSTERY</b>	Trade Name	SLIDELL	<a href="#">Details</a>
<b>ALISON JOHNSTON, ANNA PIZZA CARUSO &amp; MONIQUE STIEGLER, LLC</b>	Previous Name	SLIDELL	<a href="#">Details</a>
<b>ANNA CARUSO REAL ESTATE, LLC</b>	Limited Liability Company	SLIDELL	<a href="#">Details</a>
<b>ANNA PIZZA CARUSO, L.L.C.</b>	Limited Liability Company	SLIDELL	<a href="#">Details</a>
AUERBACH, CARUSO, PRUDHOMME, AND RICCA, INC.	Previous Name	NEW ORLEANS	<a href="#">Details</a>
CHRISTINA CARUSO DESIGN LLC	Limited Liability Company	NEW ORLEANS	<a href="#">Details</a>
<b>CORALIE J. CARUSO, L.L.C.</b>	Limited Liability Company	METAIRIE	<a href="#">Details</a>
<b>CUTRONE, ARMOND AND CARUSO INVESTMENTS</b>	Partnership	MORGAN CITY	<a href="#">Details</a>
JORDAN/TAMRAZ/CARUSO/ADVERTISING INC.	Business Corporation (Non-Louisiana)	CHICAGO	<a href="#">Details</a>
LUCIEN J. CARUSO, INC.	Business Corporation	NEW ORLEANS	<a href="#">Details</a>
S & A CARUSO LLC	Limited Liability Company	METAIRIE	<a href="#">Details</a>
SALVATORE CARUSO, M. D., A MEDICAL CORPORATION	Business Corporation	MARRERO	<a href="#">Details</a>

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**TODD CARUSO, ATTORNEY AT LAW, LLC**

Limited Liability  
Company

DENHAM  
SPRINGS

**Details**

1 2

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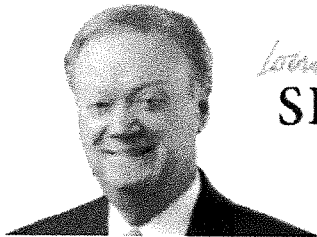
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Name	Type	City	Detail	GET HELP
<b>CARUSO LLC</b>	Limited Liability Company	METAIRIE	<a href="#">Details</a>	
CARUSO	Trademark	0	<a href="#">Details</a>	
<b>CARUSO 448 ENTERPRISES LLC</b>	Limited Liability Company	MADISONVILLE	<a href="#">Details</a>	
CARUSO ACCOUNTING SERVICE	Service Mark	NEW ORLEANS	<a href="#">Details</a>	
CARUSO AUTO REPAIR, INC.	Business Corporation	METAIRIE	<a href="#">Details</a>	
CARUSO AUTO REPAIR, INC., MIKE	Previous Name	METAIRIE	<a href="#">Details</a>	
CARUSO'S AUTO SALES, L.L.C.	Limited Liability Company	ST. BERNARD	<a href="#">Details</a>	
<b>CARUSO AUTO SERVICE, INC.</b>	Business Corporation	NEW ORLEANS	<a href="#">Details</a>	
CARUSO BODY SHOP, INC.	Business Corporation	METAIRIE	<a href="#">Details</a>	
<b>CARUSO CARPENTRY LLC</b>	Limited Liability Company	LAFAYETTE	<a href="#">Details</a>	
<b>CARUSO &amp; CARUSO, LTD.</b>	Business Corporation	SLIDELL	<a href="#">Details</a>	
CARUSO'S CATERING SERVICE INC.	Business Corporation	METAIRIE	<a href="#">Details</a>	
CARUSO COLORS LLC	Limited Liability Company	BATON ROUGE	<a href="#">Details</a>	
<b>CARUSO CONSULTING, LLC</b>	Limited Liability Company	LAFAYETTE	<a href="#">Details</a>	
CARUSO & DESIGN	Trademark	BROOKLYN	<a href="#">Details</a>	
<b>CARUSO ELECTRIC, L.L.C.</b>	Limited Liability Company	DENHAM SPRINGS	<a href="#">Details</a>	
CARUSO ENTERPRISES, INC., LUCIEN J.	Business Corporation	NEW ORLEANS	<a href="#">Details</a>	
CARUSO-GOLL, INC.	Business Corporation	NEW ORLEANS	<a href="#">Details</a>	
CARUSO GROCERY	Trade Name	BATON ROUGE	<a href="#">Details</a>	
CARUSO HOMES, INC.	Business Corporation	NEW ORLEANS	<a href="#">Details</a>	
CARUSO INSURANCE AGENCY, INC.	Previous Name	BATON ROUGE	<a href="#">Details</a>	
CARUSO INVESTMENT CORPORATION	Business Corporation	BATON ROUGE	<a href="#">Details</a>	
<b>CARUSO INVESTMENT L.L.C.</b>	Limited Liability Company	CENTRAL	<a href="#">Details</a>	
CARUSO LAND, INC.	Business Corporation	NEW ORLEANS	<a href="#">Details</a>	

CARUSO, LTD. (A LAW CORPORATION), Business  
THOMAS R. Corporation  
1 2

SLIDELL

**Details**

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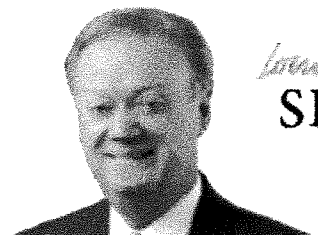
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Name	Affiliation	City	Detail
<b>BUCHANAN, SUSAN</b>	Treasurer of "BWI COMPANIES, INC. OF TEXAS"	NASH	<a href="#">Details</a>
<b>BUCHANAN, SUSAN</b>	Agent of "SB & MK INVESTMENTS LLC"	KENTWOOD	<a href="#">Details</a>
<b>BUCHANAN, SUSAN</b>	Member of "SB & MK INVESTMENTS LLC"	KENTWOOD	<a href="#">Details</a>

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## CORPORATION FILE DETAIL REPORT

Entity Name	CARUS CORPORATION	File Number	49468113
Status	ACTIVE		
Entity Type	CORPORATION	Type of Corp	FOREIGN BCA
Qualification Date (Foreign)	03/13/1969	State	DELAWARE
Agent Name	ILLINOIS CORPORATION SERVICE C	Agent Change Date	08/21/2014
Agent Street Address	801 ADLAI STEVENSON DRIVE	President Name & Address	INGA CARUS 315 FIFTH ST PERU 61354
Agent City	SPRINGFIELD	Secretary Name & Address	GREG THIESS 315 5TH ST PERU 61354
Agent Zip	62703	Duration Date	PERPETUAL
Annual Report Filing Date	03/20/2015	For Year	2015
Assumed Name	ACTIVE - CARUS PHOSPHATES, INC. ACTIVE - PRISTINE WATER SOLUTIONS INC.		

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## CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
06/24/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER  
Aon Risk Services Central, Inc.  
Chicago IL Office  
200 East Randolph  
Chicago IL 60601 USA

CONTACT  
NAME:  
PHONE  
(A/C. No., Ext.): (866) 283-7122 FAX (A/C. No.): (800) 363-0105  
E-MAIL  
ADDRESS:

INSURED  
Carus Corporation  
315 Fifth Street  
P.O. Box 599  
Peru IL 61354-2859 USA

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: National Union Fire Ins Co of Pittsburgh	19445
INSURER B: Commerce & Industry Ins Co	19410
INSURER C: New Hampshire Ins Co	23841
INSURER D:	
INSURER E:	
INSURER F:	

### COVERAGES

CERTIFICATE NUMBER: 570058356451

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	X COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:		GL4406544	07/01/2015	07/01/2016	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000
A	AUTOMOBILE LIABILITY  X ANY AUTO ALL OWNED AUTOS X HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS		CA 350-63-48	07/01/2015	07/01/2016	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Cost of Hire Included
B	X UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000		BE24238268	07/01/2015	07/01/2016	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	WC015883699 WC-AOS WC015883700 WC-CA	07/01/2015 07/01/2015	07/01/2016 07/01/2016	X PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The Auto Liability policy includes Form CA9948 (Pollution Liability - Broadened Coverage for Covered Autos)  
Re: Jefferson Parish Resolution No. 113646 or 113647.  
The Auto Liability policy includes Form CA9938 (Pollution Liability - Broadened Coverage for Covered Autos)

### CERTIFICATE HOLDER

Jefferson Parish  
200 Derbigny St.  
Gretna LA 70053 USA

### CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Aon Risk Services Central, Inc.*

Holder Identifier :

Certificate No : 570058356451

127415

<b>Form W-9</b> (Rev. January 2002) Department of the Treasury Internal Revenue Service		<b>Request for Taxpayer Identification Number and Certification</b>		Give form to the requester. Do not send to the IRS.
Name <b>CARUS PHOSPHATES INC.</b> Business name, if different from street				
Check appropriate box: <input type="checkbox"/> Individual <input checked="" type="checkbox"/> Sole proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Other				
Address (number, street, and apt. or suite no.) <b>315 5th STREET</b> City, state, and ZIP code <b>PERMI TX 79554</b> List account number(s) here (optional)				
Requester's name and address (optional)				
Taxpayer Identification Number (TIN)				
Enter your TIN in the appropriate box. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see how to get a TIN on page 3. Note: If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.				
Social security number _____ or Employer identification number <b>20- 5267608</b>				
<b>Part III Certification</b> Under penalties of perjury, I certify that: 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and 3. I am a U.S. person (including a U.S. resident alien). Certification instructions: You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contribution to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. (See the instructions on page 4.)				
Sign Here Signature of U.S. person <b>Beth Benveniste</b> Date <b>5/14/07</b>				
<b>Purpose of Form</b> A person who is required to file an information return with the IRS, must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA. U.S. person. Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to: 1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued), 2. Certify that you are not subject to backup withholding, or 3. Claim exemption from backup withholding if you are a U.S. exempt payee. Note: If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9. Foreign person. If you are a foreign person, use the appropriate Form W-8 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).				
Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the recipient has otherwise become a U.S. resident alien for tax purposes. If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement that specifies the following five items: 1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien. 2. The treaty article addressing the income. 3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions. 4. The type and amount of income that qualifies for the exemption from tax. 5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.				