



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

27-Aug-2015 10:12:10 AM



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
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.

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.

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.

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.
-

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.
-

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.
-

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

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.

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.
-

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

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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 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).

DATE: 8/26/2015

BID NO.: 50-00114227

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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 _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

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

7-10 Days A.R.O.

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

Sales Tax# 9084039-0010

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Polydyne Inc.

ADDRESS: 1 Chemical Plant Road

CITY, STATE: Riceboro, GA ZIP: 31323

TELEPHONE: (912) 880-2035 FAX: (912) 880-2078

EMAIL ADDRESS: PolybidDpt@snfhc.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: None Received

NUMBER: _____

NUMBER: _____

NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 603,200.00

AUTHORIZED SIGNATURE: Boyd Stanley

TITLE: Business Director

Boyd Stanley

Printed Name

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	N/A	
			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		
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	N/A	
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	\$464.00/Ton	\$603,200.00
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	N/A	
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	N/A	

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	N/A	
			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		
7	30,000.00	LB	0070 LIQUID CHLORINE IN 150 POUND CYLINDERS	N/A	
			(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	N/A	
			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	N/A	

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF
Polydyne Inc.

INCORPORATED.

AT THE MEETING OF DIRECTORS OF Polydyne Inc.
INCORPORATED, DULY NOTICED AND HELD ON 01/28/15,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED THAT Boyd Stanley, 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

Mark Schlag, Assistant-Secretary

09/04/15

DATE

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** GEORGIA**PARISH/COUNTY OF** LIBERTY

BEFORE ME, the undersigned authority, personally came and appeared: _____
Boyd Stanley, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized Business Director of Polydyne Inc. (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.

Boyd Stanley
Signature of Affiant

Boyd Stanley, Business Director

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 4th DAY OF September, 20 15.

Phyllis Ann Tucker
Notary Public

Phyllis Ann Tucker
Printed Name of Notary

Notary/Bar Roll Number

My commission expires 7/11/16



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 LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/31/2014

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 Frenkel & Company 350 Hudson Street - 4 th Floor New York, NY 10014		Phone No.: (212) 488-0200 Fax No.: (212) 488-0220	CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS: PRODUCER CUSTOMER ID#:	FAX (A/C, No):																					
INSURED Polydyne Inc. One Chemical Plant Road PO Box 250 Riceboro GA 31323		<table border="1"><thead><tr><th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A:</td><td>AIG SPECIALTY INSURANCE COMPANY</td><td>26883</td></tr><tr><td>INSURER B:</td><td>COMMERCE & INDUSTRY INSURANCE COMPANY</td><td>19410</td></tr><tr><td>INSURER C:</td><td>HARTFORD INSURANCE COMPANY OF THE MIDWEST</td><td>37478</td></tr><tr><td>INSURER D:</td><td></td><td></td></tr><tr><td>INSURER E:</td><td></td><td></td></tr><tr><td>INSURER F:</td><td></td><td></td></tr></tbody></table>			INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	AIG SPECIALTY INSURANCE COMPANY	26883	INSURER B:	COMMERCE & INDUSTRY INSURANCE COMPANY	19410	INSURER C:	HARTFORD INSURANCE COMPANY OF THE MIDWEST	37478	INSURER D:			INSURER E:			INSURER F:		
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INSURER D:																									
INSURER E:																									
INSURER F:																									

COVERAGES**CERTIFICATE NUMBER:****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.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	X		EG14362834	12/31/2014	12/31/2015	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 5,000,000
							PRODUCTS-COMP/OP AGG	\$ 2,000,000
								\$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	X		CA4691818	12/31/2014	12/31/2015	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$			EGU18403155	12/31/2014	12/31/2015	EACH OCCURRENCE	\$ 5,000,000
							AGGREGATE	\$ 5,000,000
								\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> (Mandatory in NH) If yes describe under DESCRIPTION OF OPERATIONS below		N/A	10WNR30600	12/31/2014	12/31/2015	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <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 (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Jefferson Parish is included as Additional Insured as required by contract and subject to the policy terms conditions and exclusions.
45 DAY CANCELLATION CLAUSE INCLUDED

CERTIFICATE HOLDER**CANCELLATION**

Jefferson Parish
200 Derbigny Street
Gretna, LA 70056

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

1

© 1988-2010 ACORD CORPORATION. All rights reserved.

WRITTEN CONSENT OF THE BOARD OF DIRECTORS
OF POLYDYNE INC.

The undersigned, being all of the directors of Polydyne, Inc., a Delaware corporation (the "Corporation"), hereby approve and adopt the following resolutions by written consent:

Municipal Contract Authorization


RESOLVED, that Boyd Stanley, René Pich, Peter Nichols, James R. Carlson, Mark Schlag, Bobby Wise and Ken Luke be and hereby are authorized, empowered and directed to bid, in the name of and on behalf of the Corporation, upon such municipal projects as he may deem appropriate; and further

RESOLVED, that Boyd Stanley, René Pich, Peter Nichols, James R. Carlson, Mark Schlag, Bobby Wise and Ken Luke be and hereby are authorized and empowered to execute and deliver, in the name of and on behalf of the Corporation, all documents, instruments, certificates, agreements and papers as he may deem advisable or necessary or proper to effect the Corporation's municipal bids or the transactions contemplated thereby; and further

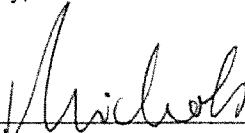
RESOLVED, that the President, Senior Vice President, Vice President, Secretary, Treasurer, and Assistant Secretary or Director of the Corporation be and hereby is authorized and empowered, and to the extent necessary or advisable, directed, to attest the execution of any document executed pursuant to these resolutions, and to affix the seal of the Corporation thereto, and to certify under seal to any municipality the adoption of these resolutions; and further

RESOLVED, that the authorizations granted under these resolutions shall expire on January 28, 2017.


IN WITNESS WHEREOF, the undersigned, constituting all of the directors of the Corporation, have executed this Consent the 28th day of January, 2015.



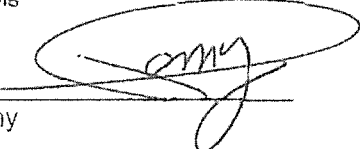
René Pich



Peter Nichols



René Hund

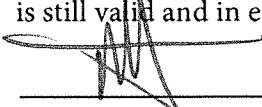


Pascal Remy



James R. Carlson

I attest to the authenticity of this copy of the Resolution of the Board of Directors. This resolution is still valid and in effect as of date signed.



Mark Schlag, Assistant Secretary
Date: 09/04/2015

**Polydyne Inc.
General Information**

SS: 34-1810283

State of Incorporation: Delaware

Date of Incorporation: August 21, 1995

Administrative Offices: P.O. Box 279, 1 Chemical Plant Road
Riceboro, GA 31323

Payment Address: P.O. Box 404642
Atlanta, GA 30384-4642

Board of Directors

René Pich, Pascal Remy James R. Carlson, Peter Nichols, René Hund
--

Corporate Officers

President	Peter Nichols
Senior Vice-President, Secretary	James R. Carlson
Vice President Finance, Assistant Secretary, Treasurer	Mark Schlag

***Authorized Signers-Non Officers**

Boyd Stanley	Business Director
Bobby Wise	Controller
Ken Luke	Purchasing Director

Ownership Disclosure

Corporation	Percent Ownership	Owner
Polydyne Inc.	100	SNF Holding Company
SNF Holding Company	100	SPCM SA
SPCMSA	95	René Pich
	5	Other

Company ID Number: 115171

**INFORMATION REQUIRED
FOR THE E-VERIFY PROGRAM**

Information relating to your Company:

Company Name: SNF Holding Co

Company Facility Address: One Chemical Plant Road
Riceboro, GA 31323

Company Alternate Address: P O Box 250
Riceboro, GA 31323

County or Parish: LIBERTY

Employer Identification Number: 510329277

North American Industry
Classification Systems Code: 325

Parent Company: SNF Holding Company

Number of Employees: 1,000 to
2,499 Number of Sites Verified for: 7

Are you verifying for more than 1 site? If yes, please provide the number of sites verified for in each State.

- MISSISSIPPI 1 site(s)
- GEORGIA 1 site(s)
- MICHIGAN 1 site(s)
- WASHINGTON 1 site(s)
- PENNSYLVANIA 1 site(s)
- ILLINOIS 1 site(s)
- CALIFORNIA 1 site(s)

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name:	Linda Adams	
Telephone Number:	(912) 884 - 3366 .ext 410410	Fax Number: (912) 880 - 8034
E-mail Address:	LindaA@SNFHC.com	
Name:	Jane Frost	
Telephone Number:	(912) 884 - 8712	Fax Number: (912) 880 - 8034
E-mail Address:	JaneF@SNFHC.com	

Company ID Number: 115171

The foregoing constitutes the full agreement on this subject between the SSA, DHS, and the Employer.

The individuals whose signatures appear below represent that they are authorized to enter into this MOU on behalf of the Employer and DHS respectively.

To be accepted as a participant in E-Verify, you should only sign the Employer's Section of the signature page. If you have any questions, contact E-Verify Operations at 888-464-4218.

Employer SNF Holding Co

James Carlson

Name (Please type or print)

Title

Electronically Signed

04/21/2008

Signature

Date

Department of Homeland Security – Verification Division

USCIS Verification Division

Name (Please type or print)

Title

Electronically Signed

04/21/2008

Signature

Date

E-Verify *Employment Eligibility Verification*

[Exit](#)

Your company is now registered for E-Verify. All Users will receive their User name and Passwords via email. If the email is not received within 48 hours, please contact Office of Verification at 888-464-4218. Please DO NOT REGISTER AGAIN.

IMPORTANT: You should print the MOU, and share it with your Human Resources Manager, legal counsel, and other appropriate staff.

[View MOU](#)

[U.S. Department of Homeland Security](#) | [U.S. Citizenship and Immigration Services](#)



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Friday, September 04, 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=polydyne&TradeName=Clarifloc&>

NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

Polydyne Inc.

P.O. Box 279

Riceboro, GA 31323

United States

800-848-7659

724-728-1847

Facility : Newell, PA

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

Trade Designation

CLARIFLOC C-4410

Product Function

Coagulation & Flocculation

Max Use

100mg/L

Polydyne Incorporated

P.O. Box 279

Riceboro, GA 31323

United States

800-848-7659

Facility : # 88 USA

Polyaluminum Chloride[AL]

Trade Designation

Product Function

Max Use

Clarifloc® C-1100	Coagulation & Flocculation	250mg/L
Clarifloc® C-1200	Coagulation & Flocculation	250mg/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.

Polymer Blends

Trade Designation

Product Function

Max Use

Clarifloc® C-1000[CP]	Algicide Coagulation & Flocculation	307mg/L
Clarifloc® C-1050[CP]	Algicide Coagulation & Flocculation	307mg/L
Clarifloc® C-1051[CP]	Algicide Coagulation & Flocculation	307mg/L
Clarifloc® C-1052[CP]	Algicide Coagulation & Flocculation	307mg/L
Clarifloc® C-1200[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1250	Coagulation & Flocculation	200mg/L
Clarifloc® C-1251[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1252[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1253[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1400[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1450[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1451[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1452[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1453[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1454[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1500[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1550[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1551[CP]	Algicide Coagulation & Flocculation	200mg/L
Clarifloc® C-1600[CP]	Algicide Coagulation & Flocculation	100mg/L
Clarifloc® C-1650[CP]	Algicide Coagulation & Flocculation	100mg/L
Clarifloc® C-1651[CP]	Coagulation & Flocculation	100mg/L

	Algicide	
	Coagulation & Flocculation	
Clarifloc® C-1700	Coagulation & Flocculation	200mg/L
Clarifloc® C-1750	Coagulation & Flocculation	200mg/L
Clarifloc® C-1751	Coagulation & Flocculation	200mg/L
Clarifloc® C-1752	Coagulation & Flocculation	200mg/L
Clarifloc® C-1753	Coagulation & Flocculation	200mg/L
Clarifloc® C-1754	Coagulation & Flocculation	200mg/L
Clarifloc® C-5100[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA01[CP]	Algicide	307mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA02[CP]	Algicide	307mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA03[CP]	Algicide	307mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA04[CP]	Algicide	307mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA05[CP]	Algicide	307mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA06[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA07[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA08[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA09[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA10[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA11[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA12[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA13[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA14[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA15[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA16[CP]	Algicide	50mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA17[CP]	Algicide	50mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA18[CP]	Algicide	50mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA19[CP]	Algicide	50mg/L
	Coagulation & Flocculation	
Clarifloc® PRXA20[CP]		50mg/L

	Algicide	
	Coagulation & Flocculation	
Clarifloc® PRXB01[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB02[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB03[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB04[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB05[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB06[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB07[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB08[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB09[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB10[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB11[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB12[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB13[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB14[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB15[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB16[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB17[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB18[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB19[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB20[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB21[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB22[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB23[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB24[CP]		40mg/L

	Algicide	
	Coagulation & Flocculation	
Clarifloc® PRXB25[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB26[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB27[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB28[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB29[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB30[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB31[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB32[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB33[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB34[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXB35[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo1[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo2[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo3[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo4[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo5[CP]	Algicide	200mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo6[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo7[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo8[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXCo9[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC10[CP]	Algicide	100mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC11[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC12[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC13[CP]		60mg/L

	Algicide	
	Coagulation & Flocculation	
Clarifloc® PRXC14[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC15[CP]	Algicide	60mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC16[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC17[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC18[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC19[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXC20[CP]	Algicide	40mg/L
	Coagulation & Flocculation	
Clarifloc® PRXD01	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD02	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD03	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD04	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD05	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD06	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD07	Coagulation & Flocculation	100mg/L
Clarifloc® PRXD08	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD09	Coagulation & Flocculation	200mg/L
Clarifloc® PRXD10	Coagulation & Flocculation	200mg/L

[CP] The finished drinking water shall be monitored to ensure that levels of copper do not exceed 1.3 mg/L.

Polydyne Incorporated

P.O. Box 279

Riceboro, GA 31323

United States

800-848-7659

Facility : # 88 USA

Polymer Blends[AL] [PY]

Trade Designation

Clarifloc® 12781

Clarifloc® 12976

Clarifloc® 12980

Product Function

Coagulation & Flocculation

Coagulation & Flocculation

Coagulation & Flocculation

Max Use

40mg/L

40mg/L

40mg/L

Clarifloc® 13276	Coagulation & Flocculation	250mg/L
Clarifloc® 13280	Coagulation & Flocculation	40mg/L
Clarifloc® 13281	Coagulation & Flocculation	31mg/L
Clarifloc® 14476	Coagulation & Flocculation	142mg/L
Clarifloc® 14480	Coagulation & Flocculation	50mg/L
Clarifloc® 14481	Coagulation & Flocculation	50mg/L
Clarifloc® 14681	Coagulation & Flocculation	125mg/L
Clarifloc® C-1005	Coagulation & Flocculation	155mg/L
Clarifloc® C-1010	Coagulation & Flocculation	163mg/L
Clarifloc® C-1015	Coagulation & Flocculation	118mg/L
Clarifloc® C-1020	Coagulation & Flocculation	91mg/L
Clarifloc® C-1025	Coagulation & Flocculation	74mg/L
Clarifloc® C-1150H	Coagulation & Flocculation	40mg/L
Clarifloc® C-1309H	Coagulation & Flocculation	250mg/L
Clarifloc® C-2005	Coagulation & Flocculation	155mg/L
Clarifloc® C-2010	Coagulation & Flocculation	163mg/L
Clarifloc® C-2015	Coagulation & Flocculation	147mg/L
Clarifloc® C-2020	Coagulation & Flocculation	114mg/L
Clarifloc® C-2110	Coagulation & Flocculation	50mg/L
Clarifloc® C-2220H	Coagulation & Flocculation	125mg/L
Clarifloc® C-2238	Coagulation & Flocculation	50mg/L
Clarifloc® C-2317	Coagulation & Flocculation	142mg/L
Clarifloc® C-5025	Coagulation & Flocculation	163mg/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.

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Polydyne Incorporated

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Riceboro, GA 31323

United States

800-848-7659

Visit this company's website (<http://www.polydyneinc.com>)

Facility : Los Angeles, CA

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

Trade Designation

Product Function

Max Use

Clarifloc® C-308P

Coagulation & Flocculation

50 mg/L

Clarifloc® C-318

Coagulation & Flocculation

25 mg/L

Clarifloc® C-318P

Coagulation & Flocculation

25mg/L

Clarifloc® C-328

Coagulation & Flocculation

83mg/L

Clarifloc® C-338	Coagulation & Flocculation	50 mg/L
Clarifloc® C-348	Coagulation & Flocculation	25 mg/L
Clarifloc® C-358	Coagulation & Flocculation	50 mg/L
Clarifloc® C-368	Coagulation & Flocculation	29mg/L
Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-388	Coagulation & Flocculation	100mg/L
Clarifloc® C-4410	Coagulation & Flocculation	100mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	83mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	72mg/L
Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L
Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	50mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L
Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100 mg/L

Polyacrylamide[PC]**Trade Designation****Product Function****Max Use**

Clarifloc® A-6320	Coagulation & Flocculation	3mg/L
Clarifloc® N-120P	Coagulation & Flocculation	3mg/L
Clarifloc® N-6310	Coagulation & Flocculation	3 mg/L

[PC] Polyacrylamide Products Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Facility : Riceboro, GA**Poly (Diallyldimethylammonium Chloride)(pDADMAC)****Trade Designation****Product Function****Max Use**

Clarifloc® C-308P	Coagulation & Flocculation	50mg/L
Clarifloc® C-318	Coagulation & Flocculation	25mg/L
Clarifloc® C-328	Coagulation & Flocculation	83mg/L
Clarifloc® C-338	Coagulation & Flocculation	50mg/L
Clarifloc® C-348	Coagulation & Flocculation	25mg/L
Clarifloc® C-358	Coagulation & Flocculation	50mg/L
Clarifloc® C-368	Coagulation & Flocculation	29mg/L

Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-388	Coagulation & Flocculation	100mg/L
Clarifloc® C-398	Coagulation & Flocculation	29mg/L
Clarifloc® C-4408	Coagulation & Flocculation	125mg/L
Clarifloc® C-4410	Coagulation & Flocculation	100mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	83mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	72mg/L
Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L
Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	50mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L
Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100mg/L

Polyacrylamide[PC]**Trade Designation**

	Product Function	Max Use
Clarifloc® A-210P	Coagulation & Flocculation	3 mg/L
Clarifloc® A-3301	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3308	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3310	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3320	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3333P	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3340	Coagulation & Flocculation	1 mg/L
Clarifloc® A-3360	Coagulation & Flocculation	1mg/L
Clarifloc® A-6270	Coagulation & Flocculation	3mg/L
Clarifloc® A-6320	Coagulation & Flocculation	3 mg/L
Clarifloc® A-6330	Coagulation & Flocculation	3 mg/L
Clarifloc® A-6335	Coagulation & Flocculation	3mg/L
Clarifloc® A-6340	Coagulation & Flocculation	1 mg/L
Clarifloc® A-6355	Coagulation & Flocculation	3mg/L
Clarifloc® A-6360	Coagulation & Flocculation	3 mg/L
Clarifloc® C-3203	Coagulation & Flocculation	1mg/L
Clarifloc® C-3205	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3210	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3223	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3226	Coagulation & Flocculation	1mg/L
Clarifloc® C-3230	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3257	Coagulation & Flocculation	1 mg/L
Clarifloc® C-3280	Coagulation & Flocculation	1 mg/L

Clarifloc® C-6203	Coagulation & Flocculation	1 mg/L
Clarifloc® C-6210	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6215	Coagulation & Flocculation	3mg/L
Clarifloc® C-6220	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6240	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6260	Coagulation & Flocculation	3 mg/L
Clarifloc® C-6265 PWG	Coagulation & Flocculation	3mg/L
Clarifloc® C-6266 PWG	Coagulation & Flocculation	3mg/L
Clarifloc® N-120P	Coagulation & Flocculation	3 mg/L
Clarifloc® N-3300P	Coagulation & Flocculation	1 mg/L
Clarifloc® N-6310	Coagulation & Flocculation	3 mg/L

[PC] Polyacrylamide Products Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Polyamines[PY]

Trade Designation	Product Function	Max Use
Clarifloc® C-309P	Coagulation & Flocculation	20mg/L
Clarifloc® C-319	Coagulation & Flocculation	20mg/L
Clarifloc® C-329	Coagulation & Flocculation	13mg/L
Clarifloc® C-339	Coagulation & Flocculation	20mg/L
Clarifloc® C-349	Coagulation & Flocculation	13mg/L
Clarifloc® C-359	Coagulation & Flocculation	20mg/L
Clarifloc® C-379	Coagulation & Flocculation	13mg/L
Clarifloc® C-389	Coagulation & Flocculation	20mg/L
Clarifloc® C-399	Coagulation & Flocculation	20mg/L

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Facility : Dolton, IL

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

Trade Designation	Product Function	Max Use
Clarifloc® C-308P	Coagulation & Flocculation	50mg/L
Clarifloc® C-318	Coagulation & Flocculation	25mg/L
Clarifloc® C-328	Coagulation & Flocculation	83mg/L
Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-4408	Coagulation & Flocculation	125mg/L
Clarifloc® C-4410	Coagulation & Flocculation	100mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	83mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	72mg/L

Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L
Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	50mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L
Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100mg/L

Facility : Pearlington, MS

Poly (Diallyldimethylammonium Chloride)(pDADMAC)

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-308P	Coagulation & Flocculation	50mg/L
Clarifloc® C-318	Coagulation & Flocculation	25mg/L
Clarifloc® C-328	Coagulation & Flocculation	83mg/L
Clarifloc® C-338	Coagulation & Flocculation	50mg/L
Clarifloc® C-348	Coagulation & Flocculation	25mg/L
Clarifloc® C-358	Coagulation & Flocculation	50mg/L
Clarifloc® C-368	Coagulation & Flocculation	29mg/L
Clarifloc® C-378	Coagulation & Flocculation	50mg/L
Clarifloc® C-388	Coagulation & Flocculation	100mg/L
Clarifloc® C-398	Coagulation & Flocculation	29mg/L
Clarifloc® C-4135	Coagulation & Flocculation	29mg/L
Clarifloc® C-4408	Coagulation & Flocculation	125mg/L
Clarifloc® C-4410	Coagulation & Flocculation	100mg/L
Clarifloc® C-4411	Coagulation & Flocculation	91mg/L
Clarifloc® C-4412	Coagulation & Flocculation	83mg/L
Clarifloc® C-4413	Coagulation & Flocculation	77mg/L
Clarifloc® C-4414	Coagulation & Flocculation	71mg/L
Clarifloc® C-4415	Coagulation & Flocculation	67mg/L
Clarifloc® C-4416	Coagulation & Flocculation	62mg/L
Clarifloc® C-4417	Coagulation & Flocculation	59mg/L
Clarifloc® C-4418	Coagulation & Flocculation	56mg/L
Clarifloc® C-4419	Coagulation & Flocculation	53mg/L
Clarifloc® C-4420	Coagulation & Flocculation	50mg/L
Clarifloc® C-4422	Coagulation & Flocculation	46mg/L
Clarifloc® C-4424	Coagulation & Flocculation	42mg/L
Clarifloc® C-4426	Coagulation & Flocculation	39mg/L
Clarifloc® C-4428	Coagulation & Flocculation	36mg/L
Clarifloc® C-4430	Coagulation & Flocculation	33mg/L

Clarifloc® C-4435	Coagulation & Flocculation	29mg/L
Clarifloc® C-4440	Coagulation & Flocculation	25mg/L
Clarifloc® LF-3541	Coagulation & Flocculation	100mg/L

Polyamines[PY]

Trade Designation	Product Function	Max Use
Clarifloc® C-309D	Coagulation & Flocculation	32mg/L
Clarifloc® C-309P	Coagulation & Flocculation	20mg/L
Clarifloc® C-319	Coagulation & Flocculation	20mg/L
Clarifloc® C-329	Coagulation & Flocculation	20mg/L
Clarifloc® C-339	Coagulation & Flocculation	20mg/L
Clarifloc® C-349	Coagulation & Flocculation	8mg/L
Clarifloc® C-359	Coagulation & Flocculation	20mg/L
Clarifloc® C-379	Coagulation & Flocculation	20mg/L
Clarifloc® C-389	Coagulation & Flocculation	20mg/L
Clarifloc® C-399	Coagulation & Flocculation	20mg/L

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Polydyne, Incorporated

P.O. Box 279
Riceboro, GA 31323
United States
800-848-7659

Facility : # 15 USA

Polymer Blends[AL] [PY]

Trade Designation	Product Function	Max Use
Clarifloc® C-2005	Coagulation & Flocculation	400mg/L
Clarifloc® C-2015	Coagulation & Flocculation	333mg/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.

[PY] Polyamines Certified by NSF International comply with 40 CFR 141.111 requirements for percent monomer and dose.

Facility : # 25 USA

Polyaluminum Chloride[AL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Clarifloc® C-1252	Coagulation & Flocculation	250mg/L
Clarifloc® C-1253	Coagulation & Flocculation	250mg/L
Clarifloc® C-1254	Coagulation & Flocculation	250mg/L
Clarifloc® C-1310	Coagulation & Flocculation	250mg/L
Clarifloc® C-1400	Coagulation & Flocculation	250mg/L
Clarifloc® C-1452	Coagulation & Flocculation	250mg/L
Clarifloc® C-1550	Coagulation & Flocculation	250mg/L
Clarifloc® C-1552	Coagulation & Flocculation	250mg/L
Clarifloc® C-1650	Coagulation & Flocculation	250mg/L
Clarifloc® C-1651	Coagulation & Flocculation	250mg/L
Clarifloc® C-1700	Coagulation & Flocculation	250mg/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 5

Number of matching Products is 325

Processing time was 1 seconds



CERTIFICATE OF ANALYSIS

POLYDYNE Inc.
PORT BIENVILLE IND. PARK
ROAD D
PEARLINGTON MS 39572

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EAST JEFFERSON WATER WORKS

OA #: 897434 - 1 - 1

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JEFFERSON LA 70121
UNITED STATES**

POLYDYNE PRODUCT NAME : CLARIFLOC C-308P				
PURCHASE ORDER NR : 15-28.11			DATE : 07/22/2015	
AMOUNT : 40000 LB			QUALITY CONTROL	QC
	UNIT	SPECIFICATION	BATCH NUMBER PPDD/9244	TEST
pH on solution		5.0 - 7.0	5.7	3130 A
BROOKFIELD VISCOSITY (LV1, 30 rpm)	cps	80 - 180	128	3420 A
NON VOLATILE SOLIDS	%	19.0 - 22.0	20.0	3100 A
			Date : 07/22/2015 Signature Gina Buras	

If the # symbol appears in the QC-TEST column, then the data on that line is given for information only, and does not constitute a specification.

SUP NR: OG-0098 REVISION: 04

CLARIFLOC® C-308P POLYMER

CHARACTERISTICS

CLARIFLOC C-308P polymer is a low molecular weight, homopolymer of diallyldimethylammonium chloride. It is an effective organic coagulant for water clarification in a variety of municipal applications. CLARIFLOC C-308P can partially or totally replace alum, ferric, lime and other inorganic coagulants, thereby reducing sludge volume. Unlike inorganics, it is effective over very wide pH ranges. CLARIFLOC C-308P is NSF certified for clarification of potable water at dosages up to 50 mg/L.

TYPICAL PROPERTIES

Physical Form	Clear Amber Liquid
Density	8.6 Lbs/Gal
Freezing Point	25 F. (-4 C.)
Solubility	Totally Water Soluble

PREPARATION AND FEEDING

CLARIFLOC C-308P is a solution polymer which can be diluted to any convenient concentration for feeding. No special make-down or activation procedures are necessary. The polymer can be diluted in-line using a static mixer or in a stirred vessel. Diluting to 1-10% is highly recommended for all clarification applications because the coagulant will be distributed more efficiently into the system with less chance of overdose.

MATERIALS OF CONSTRUCTION

Crosslinked polyethylene, fiberglass, stainless steel and lined mild steel are the preferred materials of construction for bulk tanks. Unlined mild steel, black iron, galvanized steel, or copper are not recommended in any part of the polymer feed system. Stainless steel or PVC are the best choice for pump heads and feed lines.

MANUFACTURING SPECIFICATIONS

Specific Gravity	1.03 - 1.05
% Active	19.0 - 22.0
Product Viscosity	80 - 180 cPs
Product pH	5.0 - 7.0

HANDLING AND STORAGE

CLARIFLOC C-308P has a suggested in-plant storage life of one year in unopened drums. For best results, store at 40-90 F. Protect from freezing. If the product freezes, allow it to warm up in a heated area and thaw thoroughly before attempting to use it. For spills of CLARIFLOC C-308P, sprinkle sawdust or vermiculite over the spill area and sweep the material into approved chemical disposal containers.

PRODUCT SAFETY INFORMATION

CLARIFLOC C-308P is a mildly acidic product that can irritate the skin and eyes, so gloves, rubber apron and goggles should be worn during the handling of this product. Anyone responsible for the procurement, use or disposal of this product should familiarize themselves with the appropriate safety and handling information outlined in the POLYDYNE Material Safety Data Sheet. In the event of an emergency with CLARIFLOC C-308P, contact Chemtrec anytime day or night at (800) 424-9300.

SHIPPING

CLARIFLOC C-308P Polymer is shipped in 55 gallon drums containing 450 pounds net and 275 gallon totes containing 2300 pounds net. Bulk quantities are also available.

ADDITIONAL INFORMATION

To place an order or obtain technical information from any location in the continental United States, call toll free:

(800) 848-7659

All statements, information and data given herein are believed to be accurate, but are presented without warranty expressed or implied. Statements concerning possible use are made without representation or warranty that any such use is free of patent infringement, and is not a recommendation to infringe on any patent. The user should not assume that all safety measures are indicated or that other measures may not be required. Any determination of the suitability of a particular product for any use contemplated by the user is the sole responsibility of the user.

SAFETY DATA SHEET

According to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: **CLARIFLOC C-308P**

Type of product: Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Processing aid for industrial applications.

Uses advised against: None.

1.3. Details of the supplier of the safety data sheet

Company: Polydyne Inc.
1 Chemical Plant Road
PO BOX 279 - Riceboro - GA 31323
United States

Telephone: 1-800-848-7659

Telefax: (912)-884-8770

E-mail address: -

1.4. Emergency telephone number

24-hour emergency number: 1-800-424-9300

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to paragraph (d) of 29 CFR 1910.1200:

Not classified.

2.2. Label elements

Labelling according to paragraph (f) of 29 CFR 1910.1200:

Hazard symbol(s): None.

Signal word: None.

Hazard statement(s): None.

Precautionary statement(s): None.

2.3. Other hazards

Spills produce extremely slippery surfaces.

For explanation of abbreviations see Section 16.

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable, this product is not a substance.

3.2 Mixtures

Hazardous components

Contains no reportable hazardous substances.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Move to fresh air. No hazards which require special first aid measures.

Skin contact:

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Alternatively, rinse immediately with Diphoterine ®. Get prompt medical attention.

Ingestion:

Rinse mouth with water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed

None under normal use.

4.3. Indication of any immediate medical attention and special treatment needed.

None reasonably foreseeable.

Other information:

None.

SECTION 5. Fire-fighting measures**5.1. Extinguishing media***Suitable extinguishing media:*

Water. Water spray. Foam. Carbon dioxide (CO₂). Dry powder.

Unsuitable extinguishing media:

None.

5.2. Special hazards arising from the substance or mixture*Hazardous decomposition products:*

Carbon oxides (CO_x). Nitrogen oxides (NO_x). Hydrogen chloride. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

5.3. Advice for fire-fighters*Protective measures:*

Wear self-contained breathing apparatus and protective suit.

Other information:

Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures***Personal precautions:*

Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

Protective equipment:

Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

Emergency procedures:

Keep people away from spill/leak.

6.2. Environmental precautions

Do not contaminate water.

6.3. Methods and material for containment and cleaning up*Small spills:*

Do not flush with water. Soak up with inert absorbent material.

Large spills:

Dam up. Clean up promptly by scoop or vacuum. Do not flush with water.

Residues:

Soak up with inert absorbent material. After cleaning, flush away traces with water.

6.4. Reference to other sections

SECTION 7: Handling and storage; SECTION 8: Exposure controls/personal protection; SECTION 13: Disposal considerations;

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Renders surfaces extremely slippery when spilled. When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities.

Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

7.3. Specific end use(s)

None.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

None.

8.2. Exposure controls

Appropriate engineering controls:

Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Individual protection measures, such as personal protective equipment:

a) Eye/face protection:

Safety glasses with side-shields.

b) Skin protection:

Wear coveralls and/or chemical apron and rubber footwear where physical contact can occur.

i) Hand protection:

PVC or other plastic material gloves.

c) Respiratory protection:

No personal respiratory protective equipment normally required.

d) Additional advice:

Wash hands and face before breaks and immediately after handling the product. Wash hands before breaks and at the end of workday.

Environmental exposure controls:

Do not allow uncontrolled discharge of product into the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

<i>a) Appearance:</i>	Clear to slightly yellow liquid.
<i>b) Odour:</i>	None.
<i>c) Odour Threshold:</i>	Not applicable.
<i>d) pH:</i>	3 - 7
<i>e) Melting point/freezing point:</i>	< 0°C
<i>f) Initial boiling point and boiling range:</i>	> 100°C
<i>g) Flash point:</i>	Does not flash.
<i>h) Evaporation rate:</i>	No data available.
<i>i) Flammability (solid, gas):</i>	Not applicable.
<i>j) Upper/lower flammability or explosive limits:</i>	Not expected to create explosive atmospheres.
<i>k) Vapour pressure:</i>	2.3 kPa @ 20°C
<i>l) Vapour density:</i>	0.804 g/litre @ 20°C
<i>m) Relative density:</i>	1.0 - 1.2
<i>n) Solubility(ies):</i>	Completely miscible.
<i>o) Partition coefficient:</i>	< 0
<i>p) Autoignition temperature:</i>	Does not self-ignite (based on the chemical structure).
<i>q) Decomposition temperature:</i>	> 150°C
<i>r) Viscosity:</i>	See Technical Bulletin.
<i>s) Explosive properties:</i>	Not expected to be explosive based on the chemical structure.
<i>t) Oxidizing properties:</i>	Not expected to be oxidising based on the chemical structure.

9.2. Other information

None.

SECTION 10. Stability and reactivity

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Protect from frost, heat and sunlight.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (NO_x), carbon oxides (CO_x). Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Information on the product as supplied:

Acute oral toxicity:	LD50/oral/rat > 5000 mg/kg
Acute dermal toxicity:	LD50/dermal/rat > 5000 mg/kg
Acute inhalation toxicity:	Testing by the inhalation route is inappropriate because exposure of humans via inhalation is unlikely: the substance has no vapour pressure and there is practically no exposure to inhalable aerosols.
Skin corrosion/irritation:	Not irritating.
Serious eye damage/eye irritation:	Slightly irritating.
Respiratory/skin sensitisation:	Not sensitizing to skin. No respiratory sensitization has been observed in the workplace.
Mutagenicity:	Not mutagenic.
Carcinogenicity:	By analogy with similar substances, this substance is not expected to be carcinogenic.
Reproductive toxicity:	By analogy with similar substances, this substance is not expected to be toxic for reproduction.
STOT - single exposure:	No known effects.
STOT - repeated exposure:	No known effects.
Aspiration hazard:	No hazards resulting from the material as supplied.

SECTION 12. Ecological information**12.1. Toxicity**Information on the product as supplied:

Acute toxicity to fish:	LC50/Danio rerio/96 hours > 100 mg/L
Acute toxicity to invertebrates:	EC50/Daphnia magna/48 hours > 100 mg/L
Acute toxicity to algae:	Algal inhibition tests are not appropriate. The flocculation characteristics of the product interfere directly in the test medium preventing homogenous distribution which invalidates the test.
Chronic toxicity to fish:	No data available.
Chronic toxicity to invertebrates:	No data available.
Toxicity to microorganisms:	EC0/activated sludge/0.5 h = 1000 mg/L (OECD 209)
Effects on terrestrial organisms:	Exposure to soil is unlikely.
Sediment toxicity:	Exposure to sediment is unlikely.

12.2. Persistence and degradabilityInformation on the product as supplied:

Degradation:	Not readily biodegradable.
Hydrolysis:	Does not hydrolyse.
Photolysis:	No data available.

12.3. Bioaccumulative potentialInformation on the product as supplied:

Not bioaccumulating.

Partition co-efficient (Log Pow):	< 0
Bioconcentration factor (BCF):	~0

12.4. Mobility in soil

Information on the product as supplied:

Exposure to soil is not to be expected.

Koc: ~0

12.5. Other adverse effects

None.

SECTION 13. Disposal considerations**13.1. Waste treatment methods**Waste from residues / unused products:

Dispose in accordance with local and national regulations.

Contaminated packaging:

Rinse empty containers with water and use the rinse-water to prepare the working solution. If recycling is not practicable, dispose of in compliance with local regulations.

Recycling:

Store containers and offer for recycling of material when in accordance with the local regulations.

SECTION 14. Transport information**Land transport (DOT)**

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

SECTION 15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**Information on the product as supplied:TSCA Chemical Substances Inventory:

All components of this product are either listed on the inventory or are exempt from listing.

SAFETY DATA SHEET

CLARIFLOC C-308P

US SARA Reporting Requirements:

SARA (Section 311/312) hazard class:
Not concerned.

RCRA status :
Not RCRA hazardous.

California Proposition 65 Information:

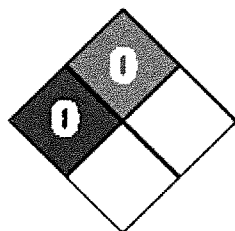
Not concerned

SECTION 16. Other information

NFPA and HMIS Ratings:

NFPA:

Health: 0
Flammability: 0
Instability: 0



HMIS:

Health: 0
Flammability: 0
Physical Hazard: 0
PPE Code: B

This data sheet contains changes from the previous version in section(s):

SECTION 2. Hazards identification, SECTION 3. Composition/information on ingredients, SECTION 4. First aid measures, SECTION 11. Toxicological information, SECTION 16. Other Information.

Key or legend to abbreviations and acronyms used in the safety data sheet:

None.

This SDS was prepared in accordance with the following:

U.S. Code of Federal Regulations 29 CFR 1910.1200

Version: 15.01.b

LDCC010A

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

TABULATIONS FOR BID**To: Jefferson Parish****State: LA****From: Polydyne Inc.****Fax No. (912)880-2078****Opened: 09/10/15****Mail: PolyBidDpt@snfhc.com****Subject: Bid #50-00114227-Polymer**

Please provide us with tabulations on the subject bid by filling out this form or attaching your tabulations form to it. A self-addressed stamped envelope is included for your use. If possible, please fax us these tabulations to the above referenced number.

Awarded: YES/NO

(circle one)

If YES, indicate awarded vendor with an *

If NO, indicate expected date of award.

Bidder	Product	Price/Unit	Extension
Polydyne Inc.	C-308P	\$464.00/T	\$603,200.00

Thank you for your assistance.

Sincerely,

*Kimberly Fleming*Kimberly Fleming
Bids & Contracts DepartmentDatabase ID: 115-323

55082

Form (Rev. November 2005) Department of the Treasury Internal Revenue Service	<h2 style="margin: 0;">W-9</h2> <h3 style="margin: 0;">Request for Taxpayer Identification Number and Certification</h3>	Give form to the requester. Do not send to the IRS.					
Name (as shown on your income tax return) POLYDYNE INC.							
Business name, if different from above							
Check appropriate box: <input type="checkbox"/> Individual/ Sole proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Other ▶ <input type="checkbox"/> Exempt from backup withholding							
Address (number, street, and apt. or suite no.) CORPORATE OFFICE: 1 CHEMICAL PLANT ROAD		Requester's name and address (optional)					
City, state, and ZIP code RICEBORO GA 31323							
List account number(s) here (optional)							
Part I Taxpayer Identification Number (TIN)							
Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. 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 <i>How to get a TIN</i> 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.							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Social security number</td> </tr> <tr> <td style="text-align: center;"> </td> </tr> <tr> <td style="text-align: center;">or</td> </tr> <tr> <td style="text-align: center;">Employer identification number</td> </tr> <tr> <td style="text-align: center;">3 4 1 8 1 0 2 8 3</td> </tr> </table>			Social security number		or	Employer identification number	3 4 1 8 1 0 2 8 3
Social security number							
or							
Employer identification number							
3 4 1 8 1 0 2 8 3							
Part II Certification							
Under penalties of perjury, I certify that:							
<ol style="list-style-type: none"> 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 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 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, contributions 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.)							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Sign Here</td> <td style="width: 40%;">Signature of U.S. person ▶ <i>Kathy Heck</i></td> <td style="width: 40%;">Date ▶ 3/12/2007</td> </tr> </table>			Sign Here	Signature of U.S. person ▶ <i>Kathy Heck</i>	Date ▶ 3/12/2007		
Sign Here	Signature of U.S. person ▶ <i>Kathy Heck</i>	Date ▶ 3/12/2007					
Purpose of Form 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:							
<ol style="list-style-type: none"> Certify that the TIN you are giving is correct (or you are waiting for a number to be issued), Certify that you are not subject to backup withholding, or Claim exemption from backup withholding if you are a U.S. exempt payee. 							
In 3 above, if applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.							
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.							
For federal tax purposes, you are considered a person if you are:							
<ul style="list-style-type: none"> An individual who is a citizen or resident of the United States, A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States, or Any estate (other than a foreign estate) or trust. See Regulations sections 301.7701-6(a) and 7(a) for additional information. 							
Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.							
The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:							
<ul style="list-style-type: none"> The U.S. owner of a disregarded entity and not the entity, 							