

March 3, 2021

Bryant Jasper-Williams
Procurement Analyst Assistant
Purchasing Department
Pinellas County
400 S. Ft. Harrison Avenue
6th Floor, Annex Bldg.
Clearwater, FL 33756

RE: STEP 3 Submittal for Bid No. 21-0091-B (Previously 190-0545-B)

Dear Mr. Jasper-Williams,

Please find attached herewith Polydyne Inc.'s Step 3 Submittal documents for the above-referenced Bid for Wastewater Polymers.

This packet is organized as follows:

- 1 – Signed and completed page 1
 - a. Checklist Forms – Copy of Polydyne Invoice and W-9
- 2 – Insurance certificate as per requirements in Section C
- 3 – Vendor references as per requirements in Section D
- 4 – Completed Addenda Acknowledgement Page 34
 - a. Copies of all addenda available.
- 5 – Copy of Excel document, Fee Schedule, Section F (Excel file attached separately)



If you have any questions, please feel free to contact me at (912) 880-8013 or by email to rbeasley@snfhc.com.

Best regards,



Rebecca Beasley
Sales Administration Manager

Signed and completed page 1
a. Checklist Forms

 <h1 style="margin-left: 200px;">INVITATION TO BID</h1>	
ISSUE DATE: August 25, 2020	BID SUBMITTALS RECEIVED AFTER SUBMITTAL DATE & TIME WILL NOT BE CONSIDERED
TITLE: WASTEWATER POLYMERS	BID NUMBER: 190-0545-B(JA)
SUBMITTAL DUE: Step One: October 1, 2020 @ 3:00 P.M. Step Two: December 3, 2020 @ 3:00 p.m. Step Three: January 21, 2021 @ 3:00 p.m. AND MAY NOT BE WITHDRAWN FOR 120 DAYS FROM DATE LISTED ABOVE.	PRE-BID DATE & LOCATION: NOT APPLICABLE
DEADLINE FOR WRITTEN QUESTIONS: Step One: September 25, 2020 BY 3:00 P.M. Step Two: November 26, 2020 @ 3:00 p.m. Step Three: January 8, 2020 @ 3:00 p.m. SUBMIT QUESTIONS TO: JEANNE ARMSTRONG AT jarmstrong@pinellascounty.org Phone: 727-464-5323 Fax: 727/464-3925	
THE MISSION OF PINELLAS COUNTY Pinellas County Government is committed to progressive public policy, superior public service, courteous public contact, judicious exercise of authority and sound management of public resources to meet the needs and concerns of our citizens today and tomorrow.	 MERRY CELESTE, CPPB Division Director Purchasing and Risk Management

BIDDER MUST COMPLETE THE FOLLOWING

BIDDERS ARE CAUTIONED THAT THE POLICY OF THE BOARD OF COUNTY COMMISSIONERS, PINELLAS COUNTY, IS TO ACCEPT THE LOWEST RESPONSIBLE BID RECEIVED MEETING SPECIFICATIONS. NO CHANGES REQUESTED BY A BIDDER DUE TO AN ERROR IN PRICING WILL BE CONSIDERED AFTER THE BID OPENING DATE AS ADVERTISED. BY SIGNING THIS PROPOSAL FORM BIDDERS ARE ATTESTING TO THEIR AWARENESS OF THIS POLICY AND ARE AGREEING TO ALL OTHER BID TERMS AND CONDITIONS, INCLUDING ALL INSURANCE REQUIREMENTS.

PAYMENT TERMS: 0 % DAYS, NET **45** (PER F.S. 218.73) *BID DEPOSIT, IF REQUIRED, IS ATTACHED IN THE AMOUNT OF \$ N/A

BIDDER (COMPANY NAME): Polydyne Inc. D/B/A

MAILING ADDRESS: 1 Chemical Plant Road **CITY / STATE / ZIP** Riceboro, GA 31323

COMPANY EMAIL ADDRESS: bids@polydyneinc.com

***REMIT TO NAME:** Polydyne Inc. **PHN:** (912) 880-2035 **FAX:** (912) 880-2078

(As Shown On Company Invoice)
P.O. Box 404642, Atlanta, GA 30384 **FEIN#** 34-1810283 **CONTACT NAME:** Chris Cherp

Proper Corporate Identity is needed when you submit your bid, especially how your firm is registered with the Florida Division of Corporations. Please visit www.sunbiz.org for this information. It is essential to return a copy of your W-9 with your bid. Thank you. **PH:** (941) 961-3998

PRINT NAME: Chris Cherp

EMAIL ADDRESS: ccherp@polydyneinc.com

I HEREBY AGREE TO ABIDE BY ALL TERMS AND CONDITIONS OF THIS BID, INCLUDING ALL INSURANCE REQUIREMENTS & CERTIFY I AM AUTHORIZED TO SIGN THIS BID FOR THE BIDDER.

AUTHORIZED SIGNATURE: 

PRINT NAME/TITLE: Mark Schlag, Treasurer

FORMS CHECKLIST	
COPY OF COMPANY INVOICE	<input checked="" type="checkbox"/>
W-9 (TAXPAYER ID)	<input checked="" type="checkbox"/>

SEE SEPARATE EXCEL DOCUMENT, SECTION F, FOR BID PRICING SUMMARY

THIS FORM MUST BE RETURNED WITH YOUR RESPONSE

SAMPLE INVOICE

ORIGINAL INVOICE

CUSTOMER CODE
PINELLAS 001
CUSTOMER NUMBER
101403

Polydyne Inc.

ONE CHEMICAL PLANT ROAD, RICEBORO, GA 31323
 TEL : (800) 848-7659 FAX : (912) 884-5031

INVOICE DATE	INVOICE NUMBER
09/15/2020	1482398
DATE SHIPPED FROM	TRUCK
SHIPPING POINT	B/L NUMBER
09/15/2020	6857341

SOLD TO

PINELLAS COUNTY
 SOUTH CROSS BAYOU
 W.R.F.
 PO BOX 2438
 CLEARWATER FL 33757
 UNITED STATES

SHIP TO

PINELLAS COUNTY - SOUTH CROSS BAYOU WWTP
 7401 54TH AVE NORTH
 ST PETERSBURG FL 33709
 UNITED STATES

Page 1 of 1

420076

PURCHASE ORDER NUMBER		SHIPPING POINT		CARRIER	DUE DATE	TERMS OF PAYMENT	
440255		RICEBORO, GA		ODFL	10/15/2020	NET 30 DAYS FROM INVOICE DATE	
UNITS		PACKAGE	DESCRIPTION	QUANTITY	PRICE	AMOUNT (USD)	
10		1500 LB BAG UH12416	CLARIFLOC SE-1482	15,000	1.4660 \$	21,990.00	

MERCHANDISE TOTAL 21,990.00

The Seller's price for goods or freight is the price in effect on the date of shipment, unless otherwise agreed to in writing by Buyer and Seller. Seller may adjust the price of any good upon at least fourteen (14) days prior notice.

Thank you. We appreciate your business.

TOTAL (USD)	21,990.00
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Please Remit To:

Polydyne Inc.
 P.O. Box 404642
 Atlanta, GA 30384-4642

Bank Address:

BANK OF AMERICA N.A.
 222 Broadway NY, NY 10038
 PH: 646-733-4766
 FX: 646-733-4874

Wire/EFT Information:

ABA: 026009593 (for Wire payments)
 ABA: 061000052 (for ACH payments)
 SWIFT: BOFAUS3N
 Account Number: 003282509563
 Telex: 420831

Fraud Prevention: Accept no notice of bank account changes without verbal communication with our Accounting Department.

THESE COMMODITIES LICENSED BY U.S. FOR ULTIMATE DESTINATION, UNITED STATES.
 THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSIONS CONTRARY TO U.S. LAW PROHIBITED. WE HEREBY CERTIFY THIS DOCUMENT TRUE AND CORRECT AND THAT THE MERCHANDISE DESCRIBED IS ORIGIN AS NOTED ABOVE.

CERTIFIED TRUE AND CORRECT

SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE.

PAST DUE AMOUNTS ARE SUBJECT TO FINANCE CHARGE.

W-9 REQUEST FOR TAXPAYER ID NUMBER AND CERTIFICATION

Substitute Form W-9

Request for Taxpayer Identification Number and Certification

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: [] Individual/Sole proprietor [X] Corporation [] Partnership [] Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) [] Exempt payee [] Other (see instructions). Address (number, street, and apt. or suite no.) 1 Chemical Plant Road. City, state, and ZIP code Riceboro, GA 31323. List account number(s) here (optional). Requester's name and address (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 How to get a TIN on page 3.

Social security number [] [] [] or Employer identification number 34 ; 1810283

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

- 1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
3. I am a U.S. citizen or other U.S. person (defined in the instructions).

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.

Sign Here Signature of U.S. person [Signature] Date 2/24/2021

*Instructions to Form W-9 available upon request.

Detach on the perforation

Section 119.071(5), Florida Statutes Notice:

Your Tax Identification Number (which for individuals is your social security number) is collected on Form W9 for use in filing information returns with the IRS as described more fully below. Collection of the tax identification number (or social security number as applicable) is mandatory pursuant to Section 6109 of the Internal Revenue Code (26 U.S.C § 6109).

Privacy Act Notice:

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons who must file information returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA, or Archer MSA or HSA. The IRS uses the numbers for identification purposes and to help verify the accuracy of your tax return. The IRS may also provide this information to the Department of Justice for civil and criminal litigation, and to cities, states, the District of Columbia, and U.S. possessions to carry out their tax laws. We may also disclose this information to other countries under a tax treaty, to federal and state agencies to enforce federal nontax criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism.

You must provide your TIN whether or not you are required to file a tax return. Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to a payer. Certain penalties may also apply.

Insurance certificate as per requirements in Section C



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/29/2021

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 EPIC Insurance Brokers & Consultants 350 Hudson Street – 4 th Floor New York, NY 10014	Phone No.: (212) 488-0200 Fax No.: (212) 488-0220	CONTACT NAME: Laura Alvarez PHONE (A/C, No, Ext): 212.488.0427 E-MAIL: laura.alvarez@epicbrokers.com ADDRESS:	FAX (A/C, No): 212.488.0220																				
	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>IRONSHORE SPECIALTY INSURANCE COMPANY</td> <td>25445</td> </tr> <tr> <td>INSURER B:</td> <td>HARTFORD FIRE INSURANCE COMPANY</td> <td>19682</td> </tr> <tr> <td>INSURER C:</td> <td>HARTFORD ACCIDENT AND INDEMNITY COMPANY</td> <td>22357</td> </tr> <tr> <td>INSURER D:</td> <td>LLOYDS OF LONDON</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:	IRONSHORE SPECIALTY INSURANCE COMPANY	25445	INSURER B:	HARTFORD FIRE INSURANCE COMPANY	19682	INSURER C:	HARTFORD ACCIDENT AND INDEMNITY COMPANY	22357	INSURER D:	LLOYDS OF LONDON		INSURER E:			INSURER F:	
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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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<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 OTHER:	Y		IEPICB5ZFB001	12/31/2020	12/31/2021	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	<input checked="" type="checkbox"/> 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	Y		10ABR30602	12/31/2020	12/31/2021	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"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	Y		IEELCASB5ZFD001	12/31/2020	12/31/2021	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
C	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input type="checkbox"/> N/A			10VNR30600	12/31/2020	12/31/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	PROFESSIONAL LIABILITY			B0621PSNFH000120	1/1/2020	1/1/2021	\$1,000,000 Per Occurrence \$1,000,000 Aggregate \$250,000 Per Claim Deductible

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

Pinellas County, all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County are included as additional insured where required by contract with respect to liability arising out of the operations of the Named Insured per terms and conditions of the above referenced policies. Insurance coverage applies on a primary and non-contributory basis where required by written contract per terms and conditions of the above referenced policies.

Re: Bid 190-0545-B ; 21-0091-B

30 DAY CANCELLATION CLAUSE INCLUDED

CERTIFICATE HOLDER**CANCELLATION**

Pinellas County, A Political Subdivision of the State of Florida
 400 S Fort Harrison Ave
 Clearwater, FL 33756

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

2

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Vendor references as per requirements in Section D

SECTION D – VENDOR REFERENCES

Bid Title: WASTEWATER POLYMERS

Bid Number: 190-0545-B(JA)

THE FOLLOWING INFORMATION IS REQUIRED IN ORDER THAT YOUR PROPOSAL MAY BE REVIEWED AND PROPERLY EVALUATED.

COMPANY NAME: Polydyne Inc.

LENGTH OF TIME COMPANY HAS BEEN IN BUSINESS: >25 Years

BUSINESS ADDRESS: 1 Chemical Plant Road, Riceboro, GA 31323

HOW LONG IN PRESENT LOCATION: >25 Years

TELEPHONE NUMBER: (912) 880-2035

FAX NUMBER: (912) 880-2078

TOTAL NUMBER OF CURRENT EMPLOYEES: 1745 FULL TIME 0 PART TIME

NUMBER OF EMPLOYEES YOU PLAN TO USE TO SERVICE THIS CONTRACT: 3

All references will be contacted by a County Designee via email, fax, mail or phone call to obtain answers to questions, as applicable before an evaluation decision is made.

Bidders must have experience in work of the same or similar nature, and must provide references that will satisfy the County. Proposer must furnish a reference list of at least four (4) customers for whom they have performed similar services.

LOCAL COMMERCIAL AND/OR GOVERNMENTAL REFERENCES THAT YOU HAVE PREVIOUSLY PERFORMED SIMILAR CONTRACT SERVICES FOR:

- | | |
|---|---|
| <p>1. COMPANY: <u>Hillsboro County</u></p> <p>ADDRESS: <u>1167 N. Dover Road, Dover, FL 33527</u></p> <p>TELEPHONE/FAX: <u>PH: 813-448-4057</u></p> <p>CONTACT: <u>Marcus Moore</u></p> <p>CONTACT EMAIL: <u>moorem@hillsboroughcounty.org</u></p> <p>COMPANY EMAIL ADDRESS: <u>moorem@hillsboroughcounty.org</u></p> | <p>2. COMPANY: <u>South Central Regional Wastewater Treatment and Disposal Board</u></p> <p>ADDRESS: <u>1801 N. Congress Ave., Delray Beach, FL 33445</u></p> <p>TELEPHONE/FAX: <u>PH (Office): 561-272-7061</u>
<u>PH (Cell): 954-850-0354</u></p> <p>CONTACT: <u>Doug Levine</u></p> <p>CONTACT MAIL: <u>dlevine@scrwwtp.org</u></p> <p>COMPANY EMAIL ADDRESS: <u>dlevine@scrwwtp.org</u></p> |
| <p>3. COMPANY: <u>City of Miramar</u></p> <p>ADDRESS: <u>13900 Pembroke Road, Miramar, FL 33027</u></p> <p>TELEPHONE/FAX: <u>PH: 954-548-0123</u></p> <p>CONTACT: <u>Bruce Tross</u></p> <p>CONTACT EMAIL: <u>batross@miramarfl.gov</u></p> <p>COMPANY EMAIL ADDRESS: <u>batross@miramarfl.gov</u></p> | <p>4. COMPANY: <u>City of Naples</u></p> <p>ADDRESS: <u>380 Riverside Circle, Naples, FL 34102</u></p> <p>TELEPHONE/FAX: <u>PH (Office): 239-213-4734</u>
<u>PH (Cell): 239-860-7070</u></p> <p>CONTACT: <u>Barry Stein</u></p> <p>CONTACT MAIL: <u>bstein@naplesgov.com</u></p> <p>COMPANY EMAIL ADDRESS: <u>bstein@naplesgov.com</u></p> |

Completed Addenda Acknowledgement Page 34








a. Copies of all addenda available.

SECTION G – ADDENDUM ACKNOWLEDGEMENT PAGE

Bid Title: WASTEWATER POLYMERS

Bid Number: 190-0545-B(JA)

PLEASE ACKNOWLEDGE RECEIPT OF ADDENDA FOR THIS ITB/RFP BY SIGNING AND DATING BELOW:

ADDENDA NO.	SIGNATURE/PRINTED NAME	DATE RECEIVED
1	 Mark Schlag, Treasurer	9/15/2020
2	 Mark Schlag, Treasurer	9/29/2020
3	 Mark Schlag, Treasurer	11/9/2020
4	 Mark Schlag, Treasurer	11/17/2020
5	 Mark Schlag, Treasurer	2/17/2021
6	 Mark Schlag, Treasurer	2/19/2021
7	 Mark Schlag, Treasurer	2/26/2021

Note: Prior to submitting the response to this solicitation, it is the responsibility of the firm submitting a response to confirm if any addenda have been issued. If such document(s) have been issued, acknowledge receipt by signature and date in section above. Failure to do so may result in response being considered non-responsive or result in lowering the rating of a firm’s proposal.

Information regarding addenda issued is available on the Purchasing Department section of the County’s website t, http://www.pinellascounty.org/purchase/Current_Bids1.htm, listed under category, ‘Current Bids’.

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

February 26, 2021

TO: ALL INTERESTED BIDDERS

INVITATION TO BID: Wastewater Polymers

BID NUMBER: 21-0091-B-BW

PHASE III BID SUBMITTAL IS DUE: ~~February 25, 2021 @ 3:00 P.M. EST~~
March 4, 2021 @ 3:00 P.M. EST

ADDENDUM NO. 7

Following is additional information, clarifications, questions and responses relative to referenced Bid (ITB):

CHANGE(S):

1. Step 3 Bid Submittal Date is changed from February 25, 2021 @ 3:00 p.m. EST to:
March 4, 2021 @ 3:00 p.m. EST
2. Section F Fee Schedule has been updated to correct formula's – Pricing must be submitted on Addendum 7 – Section F Fee Schedule.
3. Pricing is to be submitted for the items below: Please price from highest to lowest on Addendum 7 – Section F Fee Schedule for each item in their respective category. Total will be taken from the highest priced item, alternate item totals will not be used to determine award.

South Cross Rotary Drum Thickeners:

- a. SE-1371
- b. SE-1691
- c. SE-1693

South Cross Centrifuges:

- a. SE-1482
- b. SE-1690

Dunn Rotary Drum Thickeners:

- a. SE-1691
- b. Se-1692

Dunn Belt Filter Press

- a. SE-1374
- b. SE-1689

PLEASE ADDRESS REPLY TO:
400 South Ft. Harrison, Sixth Floor
Clearwater, Florida 33756
Phone: (727) 464-3311
FAX: (727) 464-3925
Website: www.pinellascounty.org/purchase



All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section **G**, Page 34 under Addendum No. 7 and return with completed bid package.

Sincerely,

Merry Celeste

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management



Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

February 19, 2021

TO: ALL INTERESTED BIDDERS
INVITATION TO BID: Wastewater Polymers
BID NUMBER: 21-0091-B-BW (previously 190-0545-B(JA))
PHASE III BID SUBMITTAL IS DUE: ~~February 18, 2021 @ 3:00 P.M.~~
February 25, 2021 @ 3:00 P.M.

ADDENDUM NO. 6

Following is additional information, clarifications, questions and responses relative to referenced Bid (ITB):

CHANGE(S):

1. Section G – Prequalification, B(4.) has been removed and replaced with the following:

Removed:

~~4. Upon review of Step Two submissions, qualified bidders will be notified via Addendum in BidSync to submit for Step Three.~~

Replaced with:

4. Upon review of Step Two submissions, qualified bidders will be notified via a Revision in Pinellas ePro to submit for Step Three.

All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section G, Page 34 under Addendum No. 6 and return with completed bid package.

Sincerely,

Merry Celeste

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

PLEASE ADDRESS REPLY TO:
400 South Ft. Harrison, Sixth Floor
Clearwater, Florida 33756
Phone: (727) 464-3311
FAX: (727) 464-3925
Website: www.pinellascounty.org/purchase





Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

February 17, 2021

TO: ALL INTERESTED BIDDERS
INVITATION TO BID: Wastewater Polymers
BID NUMBER: 21-0091-B-BW (previously 190-0545-B(JA))
PHASE III BID SUBMITTAL IS DUE: ~~February 18, 2021 @ 3:00 P.M.~~
February 25, 2021 @ 3:00 P.M.

ADDENDUM NO. 5

Following is additional information, clarifications, questions and responses relative to referenced Bid (ITB):

CHANGE(S):

1. Step 3 Bid Submittal Date is changed from February 18, 2021 @ 3:00 p.m. to:
February 25, 2021 @ 3:00 p.m.

All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section G, Page 34 under Addendum No. 5 and return with completed bid package.

Sincerely,

Merry Celeste

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

PLEASE ADDRESS REPLY TO:
400 South Ft. Harrison, Sixth Floor
Clearwater, Florida 33756
Phone: (727) 464-3311
FAX: (727) 464-3925
Website: www.pinellascounty.org/purchase





Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

November 17, 2020

TO: ALL INTERESTED BIDDERS

INVITATION TO BID: Wastewater Polymers

BID NUMBER: 190-0545-B(JA)

PHASE II BID SUBMITTAL IS DUE: ~~January 19, 2021 @ 3:00 P.M.~~
February 4, 2021 @ 3:00 P.M.

ADDENDUM NO. 4

Following is additional information, clarifications, questions and responses relative to referenced Bid (ITB):

INFORMATION:

The following firms have been deemed eligible to move to Phase II of the Invitation to Bid:

1. Nalco Company, LLC
2. Polydyne, Inc.

No submissions to the Invitation to Bid will be accepted from firms not listed above.

CHANGE(S):

1. The testing phase for Phase II (Section G – Pre-Qualification, Paragraph B. 2 is changed from: October 12, 2020 to November 20, 2020 to:

November 16, 2020 to January 22, 2020

2. The Bid Submittal Date for Phase II is changed from January 19, 2020 @ 3:00 p.m. to:

February 4, 2021 @ 3:00 p.m.

3. Step 3 Bid Submittal Date is changed from January 21, 2021 @ 3:00 p.m. to:

February 18, 2021 @ 3:00 p.m.

PLEASE ADDRESS REPLY TO:
400 South Ft. Harrison, Sixth Floor
Clearwater, Florida 33756
Phone: (727) 464-3311
FAX: (727) 464-3925
Website: www.pinellascounty.org/purchase



ADVISORIES:

Please see below for the provided Polymer Full Scale Testing Protocol document referenced in Section G – Bench Scale Steps.

All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section G, Page 34 under Addendum No. 4 and return with completed bid package.

Sincerely,

Merry Celeste

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management



Memorandum

REISS ENGINEERING, INC.
3507 EAST FRONTAGE ROAD, SUITE 180
TAMPA, FLORIDA 33607
PHONE: (813) 549-0919
FAX: (813) 549-0922

To: Pinellas County Utilities Department
From: Reiss Engineering, Inc.
Date: October 8, 2020
RE: FULL SCALE TESTING PROTOCOL
South Cross Bayou AWRf and William W. Dunn AWRf Polymer Testing
REI Job# 154009

I. INTRODUCTION

Pinellas County Utilities Department (County) operates two wastewater reclamation facilities in Pinellas County. The South Cross Bayou Advanced Water Reclamation Facility (SCBAWRf), the County's largest wastewater treatment facility, is located in the southern portion of the County and is responsible for the treatment of 22 million gallons per day (MGD) annual average daily flow (AADF) of wastewater. In the northern portion of the County, the William E. Dunn Water Reclamation Facility (WEDWRf) treats up to 9 MGD.

The County currently uses a combination of emulsion and dry polymers to thicken and dewater biosolids generated during the wastewater treatment process at both facilities. There are four (4) locations where polymers are injected: the front ends of the rotary drum thickener (RDT) and dewatering centrifuge at the SCBAWRf, and the front ends of the RDT and belt filter press of the WEDWRf.

Over the course of the current contract duration, the polymer consumption at both facilities have exceeded the consumption rates that were established during initial bench scale testing. This has caused the overall consumption rates and procurement costs to increase beyond the anticipated budgeted amounts.

The County is in the process of selecting a new polymer supplier, scheduled to be in effect as of March of 2021. Bench scale testing has been completed at both facilities, and now the County is planning to start full scale testing between October 12th and November 20th. This protocol will outline the procedure and documentations for full scale testing.



II. BACKGROUND

Polymers are used by the County to thicken and dewater biosolids generated during the wastewater treatment process. Over the past few years, these polymers along with operational variability have not consistently met initial performance parameters, resulting in higher than anticipated polymer consumption rates and increased costs. The County conducted polymer performance tests, both at bench scale level (December 2017) and full plant level (January and February 2018), and, as a result, have developed revised polymer specifications to select a new polymer vendor for the March 2021 vendor selection.

There are four (4) locations where polymers are injected: the rotary drum thickener (RDT) and dewatering centrifuge at the SCBAWRF, and the RDT and belt filter press of the WEDWRF. Each facility has specific requirements, and the processes are summarized below.

A. South Cross Bayou AWWRF

- **Thickening** – Thickening of sludge is accomplished in a RDT. Blended emulsion (liquid) polymer is injected through a Poly-Blend mixing system into a flocculation tank. Primary and Waste Activated sludge (WAS) is blended with the polymer emulsion by mixers then fed to the RDTs at a variable feed rate of 0.5% - 1.4% solids concentration. Thickened sludge from the RDT process is fed directly to two anaerobic Egg-Shaped Digesters (ESDs) and is gravity fed from the ESDs to a Gas Sludge Holding Tank (GSH).



- **Dewatering** - Dewatering of bio-solids is accomplished by pumping anaerobic digested sludge from the GSH tank to feed one, two, or three dewatering centrifuges at a variable feed rate of 4% - 5% solids concentration. Dry micro-bead polymer is injected through a



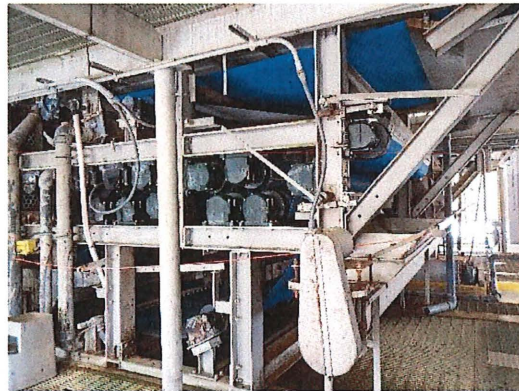
Poly-Blend mixer system into blending tanks; once blending has been completed the concentrated liquid polymer is transferred to an aging tank for storage. The concentrated liquid polymer is then injected into the feed tubes of the operating centrifuges to produce cake bio-solids with solids concentration range of 20% - 24%. The dewatered bio-solids are then conveyed to a blending hopper and fed into a pelletizing process for final disposal and distribution.

B. William E. Dunn WRF

- **Thickening** - Thickening of sludge is accomplished by one of two RDTs. Blended emulsion polymer is injected through a poly-blend mixing system into a flocculation tank. From the flocculation tank the flocculated sludge flows to the RDT and from the RDT thickened sludge flows by gravity into aerated sludge holding tanks. The RDTs, put online in 2019, receive about 80% of the wasted sludge flow with about 20% of the flow being used as dilution water. The RDT produces a thickened sludge with a 7% t solids concentration. The remainder of the wasted sludge flow (average of 15 gpm) bypasses the RDT and flows directly into the sludge holding tanks. This waste activated sludge flow, with a solid's concentration of 0.5 - 0.7% percent is used to dilute the thickened sludge. The target sludge holding tank solids concentration is 2.5 - 3.0% solids.



- **Dewatering** - Dewatering of bio-solids is accomplished by pumping thickened aerobic sludge to belt filter presses; dry micro-bead blended polymer is mixed and injected through an in-line static mixer. The belt filter presses work best with a feed sludge between 2.5 and 3.0% solids. The facility dewatered target is 17.5 - 18% cake solids. Dewatered biosolids are transported to South Cross Bayou where they are blended with that site's biosolids before being sent to the pelletizing process for final disposal.



III. DEWATERING REQUIREMENTS

The requirements for sludge following polymer addition are as follows:

South Cross Bayou AWRP	William E. Dunn WRF
Centrifuge- Anaerobic Digested Sludge 1. Cake Solids = 20% to 24% 2. Solids Capture = 95+% 3. Flow Rate = 60 gpm to 100 gpm/centrifuge 4. Flow Raw Input = 4% to 5%	Belt Filter Press (BFP) 1. Minimum Cake Solids = 17.5% 2. Minimum Solids Capture = 95+ % 3. BFP throughput = 40 to 65 gpm/unit 4. Feed Solids = 2.5 to 3.0% TS Typical
Rotary Drum Thickenner (RDT) 1. Thickened Solids = 4% to 5% 2. Solids Capture = 90% to 95% 3. RDT through-put = 400 to 550 gpm/unit 4. Feed Solids = 0.5 to 1.4%	Rotary Drum Thickenner (RDT) 1. Thickened Solids = 6.5 to 7.5% 2. Solids Capture = 95+% 3. RDT through-put =120 to 160 gpm/unit 4. Feed Solids = 0.5 to 0.7%

IV. POLYMER DELIVERY

The following describes the procedure for polymer deliveries to SCBAWRF and WEDWRF:

- All deliveries shall be shipped FOB destination, freight included to County facilities.
 - All products will be shipped in vendor-supplied containers.
 - Deliveries shall be between the hours of 7:00 A.M. and 3:00 P.M., Monday through Friday with the exception of Pinellas County holidays.
 - Product containers must be clean at time of delivery.
 - The Polymer Provider is responsible for any damage to containers or product and shall make repairs or replace container and product.
- The Polymer Provider shall be responsible for familiarizing themselves with the polymer unloading facilities and conditions at the plant sites. Vendor's transport equipment shall be compatible with the unloading facilities at the plant sites.
- Polymer Providers shall advise the County of any special precautions, recommendations and requirements in the storage and handling of their polymers at each site.
- Polymer Provider shall be responsible for disposing empty containers as requested by the County, at no cost to the County.

V. FULL SCALE TESTING

A. Polymer Vendor Requirements

Testing shall be performed using sludge feed to each residual treatment process to determine actual product dosage and performance meeting the operating parameters detailed in the following specifications:

- Polymer Providers are responsible for all hardware necessary to adequately dose the polymer into County thickening and dewatering equipment.
- Polymer Providers shall conduct performance testing on the full-scale test to determine percentage solids of final product using Polymer Provider's own analytical lab equipment.
- Polymer Providers shall explain the testing process to County staff and Reiss to include the

testing method (Standard Methods, EPA, etc.) and the volumes of samples used for each test.

- Polymer Providers shall allow County staff and Reiss to take photos of the thickening and dewatering process to document the floc size, filtrate clarity, thickened/dewatered cake properties (crumbly, sticky, etc.), and equipment necessary for feeding the polymer.
- Polymer Providers will perform analytical testing in accordance with all applicable standards.
- Polymer Providers will analyze a sludge/biosolid sample at each major process change that ends in desirable final product.

B. Polymer Documentation

Reiss shall document the following for each trial period to be tested, as approved based on bench scale testing by the County, and the Polymer Providers shall assist Reiss with the documentation:

- Product name
- Product number
- Quantity of product used
- Quantity of water used
- Product batch that ties to certificate of analysis
- Time of collection

County operators will collect grab samples of the polymers. The sample will need to be at least 50 grams in a half bottle. Reiss will keep the samples of each polymer.

C. Polymer Testing Operation

Polymer Providers may start testing at SCBAWRF and WEDWRF at 8 am.

Prior to starting the minimum 24-hour testing, multiple sludge feed rates will need to be tested including the following:

- Minimum sludge feed rate for one (1) hour minimum
- Maximum sludge feed rate for one (1) hour minimum

Following successfully meeting the minimum and maximum sludge feed rate, sludge feed rate will be adjusted to the average sludge feed rate for the full scale test. Each product proposed will be tested to determine the exact dosage and compatibility that is required to meet final product performance specifications. Test products will be allowed for each residuals processing system for both thickening and dewatering process testing by each Polymer Provider as follows:

- Testing shall continue until clear accurate data has been achieved.
- The duration of the test will be such that it will allow representative results to be determined (both qualitative and quantitative).
- The duration of the test will depend on the number of adjustments prior to steady state, needed to determine the best feed rate but will also include a set number of adjustments that span the facilities process feed range throughout the year.
- The test period will be a minimum of twenty-four (24) hours, but in no instance will the test period exceed seventy-two (72) hours. Polymer Providers are not required to be onsite for the entire test duration and may leave once steady state has been reached.
- In addition to adjustments needed to determine the best dose rate for each polymer, each

polymer tested will be run at facility specific set points that span the range of the equipment normal operational feed rates.

- During the full scale test only minor changes may be made, as defined by the County. All changes during the entire testing period shall only be completed by County operators.

D. Sludge Documentation

Polymer Providers may sample sludge and complete their own testing to determine if minor adjustments need to be made. County operators will collect a sludge sample every two (2) hours at the following locations for each process.

- Polymer Dosing
- Raw sludge going into process
- Sludge Cake leaving process
- Centrate (only visual inspection will be completed for the RDT at WED WRF)

County operators will document the following during each full scale test, when all grab samples are collected. The analysis will be completed with the County's Smart Machine and/or using the standards method. The data will then be documented in the attached table.

- Flow rate
- TS%

APPENDIX A
Sampling Table



Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

November 9, 2020

TO: ALL INTERESTED BIDDERS
INVITATION TO BID: Wastewater Polymers
BID NUMBER: 190-0545-B(JA)
PHASE II BID SUBMITTAL IS DUE: January 19, 2021 @ 3:00 P.M.

ADDENDUM NO. 3

Following is additional information, clarifications, questions and responses relative to referenced Bid (ITB):

INFORMATION:

The following firms have been deemed eligible to move to Phase II of the Invitation to Bid:

1. Nalco Company, LLC
2. Polydyne, Inc.

No submissions to the Invitation to Bid will be accepted from firms not listed above.

CHANGE(S):

1. The testing phase for Phase II (Section G – Pre-Qualification, Paragraph B. 2 is changed from: October 12, 2020 to November 20, 2020 to:
November 16, 2020 to January 8, 2020
2. The Bid Submittal Date for Phase II is changed from December 3, 2020 @ 3:00 p.m. to:
January 19, 2021 @ 3:00 p.m.
3. Step 3 Bid Submittal Date is changed from January 21, 2021 @ 3:00 p.m. to:
February 4, 2021 @ 3:00 p.m.

PLEASE ADDRESS REPLY TO:
400 South Ft. Harrison, Sixth Floor
Clearwater, Florida 33756
Phone: (727) 464-3311
FAX: (727) 464-3925
Website: www.pinellascounty.org/purchase



QUESTION(S)/RESPONSE(S):

1. Question: According to Addendum 2 for the subject Bid, the County is intending to require Professional Liability insurance coverage for this bid and resultant Agreement. Would you please elaborate on what the County views as the professional liability exposure for financial loss related to Bid Number 190-0545-B for wastewater polymers?

As this Bid is for products (wastewater polymers), any potential claim by the County is likely to fall under Product Liability. Based on our understanding of the bid and its scope, bidders for this project are not offering the County professional advice, they are offering product(s).

Response: Please refer to page 20 of 35 of the Invitation to Bid for the reason behind Professional Liability insurance requirements, namely 3) Contractor shall provide all technical assistance and support when the efficacy of the product is in question. Contractor shall meet with County staff to test and determine if the polymer used is adequate and work in coordination with County to adjust dosage as necessary; and 4) Contractor shall warrant their product to consistently meet the requirements presented herein and the dosing rate as stated in the price page submitted to ensure efficacy of the product quoted without additional costs.

All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section G, Page 34 under Addendum No. 3 and return with completed bid package.

Sincerely,

Merry Celeste

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management



Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

September 29, 2020

TO: ALL INTERESTED BIDDERS
INVITATION TO BID: Wastewater Polymers
BID NUMBER: 190-0545-B(JA)
STEPH ONE BID SUBMITTAL IS DUE: October 1, 2020 @ 3:00 P.M.

ADDENDUM NO. 2

Following is additional information, clarifications, questions and responses relative to referenced Bid (ITB):

QUESTION(S)/RESPONSE(S):

1. Question: Please confirm the Professional Liability Insurance noted in Section C – Insurance Requirements of the subject Bid is not required?

Response: After confirming exposures with the requesting department project manager, it has been determined that there is a professional liability exposure. Professional Liability will remain a requirement.

All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section G, Page 34 under Addendum No. 2 and return with completed bid package.

Sincerely,

Merry Celeste

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management



Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

September 15, 2020

TO: ALL INTERESTED BIDDERS
INVITATION TO BID: Wastewater Polymers
BID NUMBER: 190-0545-B(JA)
STEP ONE BID SUBMITTAL IS DUE: October 1, 2020 @ 3:00 P.M.

ADDENDUM NO. 1

Following is additional information, clarifications, questions and responses relative to referenced Bid (ITB):

QUESTION(S)/RESPONSE(S):

1. Question: Could we get the previous bid tab for the products listed in the bid?

Response: Please see attached.

2. Question: When would be a good time to do bench testing?

Response: Per Section G – Pre-Qualification (page 23 of 35): Step One bench testing:

“Samples may be brought to site, **BY APPOINTMENT ONLY**, for bench-scale testing dates between the dates of September 6, 2020 and September 21, 2020. Bidder shall conduct tests at **BOTH** of the County locations prior to the deadline:

South Cross Bayou Advanced Water Reclamation Facility (SCBAWRF)
Contact: Noralvys Hancock, Project Coordinator
Phone: 727-582-7491
E-mail: nhancock@pinellascounty.org
7401 54th Avenue North
St. Petersburg, FL 33709

And

William E. Dunn Water Reclamation Facility (WEDWRF)
Contact: Stephanie Kapfenstein, Plant Manager
Phone: 727-453-6741
E-mail: skapfenstein@pinellascounty.org
4111 Dunn Drive
Palm Harbor, FL 34683

Bench scale steps:


- a. Bidder shall schedule bench testing dates with County site locations by calling the appropriate parties noted above.”

3. Question: What is the annual volume?
Response: Section F – Fee Schedule provides the estimated annual quantity for each
4. Question: Who is the current supplier?
Response: Award of bid was made to Polydyne, Inc.
5. Question: What is the current price?
Response: See following.

**Polymer-Clarifloc SE-137 (alternate to SE-1485) is .8796/pound
Polymer-Clarifloc SE-1482 (alternate is SE-1370) is 1.466/pound
Polymer-Clarifloc SE-1494 (Alternate is SE-1373) is .9605/pound
Polymer-Clarifloc SE-1374 (Alternate is SE-1490) is 1.3952/pound
Alternate Polymer-Clarifloc SE 1485 is .8796/pound
Alternate Polymer-Clarifloc SE 1370 is 1.466/pound
Alternate Polymer-Clarifloc SE 1373 is .9605/pound
Alternate Polymer-Clarifloc SE 1490 is 1.3952/pound**

All other specifications, terms and conditions remain the same.

Please remember to acknowledge receipt of this Addendum in Section **G**, Page 34 under Addendum No. 1 and return with completed bid package.

Sincerely,

Merry Celeste, CPPB
Division Director
Purchasing and Risk Management

POLYMERS - WATER AND WASTEWATER
TABULATION
BID NO. 178-0044-B(LN)

VENDOR	DELIVERY LOCATION	MFR	PRODUCT DESCRIP	PART #	(A) LBS POLYMER/ TON	(B) UNT PRICE PER LB	(A X B = C) COST/DRY TON SOLIDS TREATED	(D) DRY TONS TREATED ANNUALLY	C X D TOTAL	SUB-TOTAL	GRAND TOTAL
BASF Corporation	SOUTHCROSS	BASF Corporation	Zetag 846FS	PRD# 30485463	9.41	0.927	8.723	10,100	\$88,102.30		
	SOUTHCROSS	BASF Corporation	Zetag 7553	PRD#304 79019	45.06	1.437	64.751	4,500	\$291,379.50		
	W.E DUNN	BASF Corporation	Zetag 8846FS	PRD#304 85463	40.15	0.927	37.219	2,100	\$78,159.90		
	W.E DUNN	BASF Corporation	Zetag 7587	PRD#304 81347	9.33	1.597	14.900	1,800	\$26,820.00		
										\$484,461.70	\$1,453,385.10
Fort Bend Services, Inc.	SOUTHCROSS	SNF	Emulstion Polymer	FBS C1282	13.37	1.06	\$14.172	10,100	\$143,117.00		
	SOUTHCROSS	SNF	Emulstion Polymer	FBS C9801	19.50	1.59	\$31.010	4,500	\$139,545.00		
	W.E DUNN	SNF	Emulstion Polymer	FBS C1282D	10.12	1.06	\$10.730	2,100	\$22,533.00		
	W.E DUNN	SNF	Emulstion Polymer	FBS C9357	6.72	1.59	\$10.690	1,800	\$19,242.00		
										\$324,437.00	\$973,311.00
POLYDYNE, INC.	SOUTHCROSS	POLYDYNE, INC.	Clariloc	SE-1371	7.60	0.87	\$6.612	10,100	\$66,781.20		
	SOUTHCROSS	POLYDYNE, INC.	Clariloc	SE-1482	23.90	1.45	\$34.655	4,500	\$155,947.50		
	W.E DUNN	POLYDYNE, INC.	Clariloc	SE-1494	24.60	0.95	\$23.370	2,100	\$49,077.00		
	W.E DUNN	POLYDYNE, INC.	Clariloc	SE-1374	6.34	1.38	\$8.749	1,800	\$15,748.20		
										\$287,553.90	\$862,661.70
ALTERNATE											
POLYDYNE, INC.	SOUTHCROSS	POLYDYNE, INC.	Clarifloc	SE-1485		0.95		10,100			
	SOUTHCROSS	POLYDYNE, INC.	Clarifloc	SE-1370	29.60	1.38	\$40.848	4,500	\$183,816.00		
	W.E DUNN	POLYDYNE, INC.	Clarifloc	SE-1373	39.00	0.87	\$33.930	2,100	\$71,253.00		
	W.E DUNN	POLYDYNE, INC.	Clarifloc	SE-1490	6.92	1.45	\$10.034	1,800	\$18,061.20		

Copy Excel document, Fee Schedule, Section F (Excel file attached separately)

Bid Title: WASTEWATER POLYMERS

Bid No.: 190-0545-B(JA)

Section F - Fee Schedule

VENDORS TO COMPLETE ONLY SHADED AREAS
 PRICE HIGHEST TO LOWEST

LOCATION	MFG.	PRODUCT DESCRIPTION	PART NO.	LBS POLYMER / DRY TON SOLIDS TREATED	UOM	YEAR 1		YEAR 2		YEAR 3		YEAR 4		YEAR 5		5-YEAR TOTAL
						UNIT PRICE		UNIT PRICE		UNIT PRICE		UNIT PRICE		UNIT PRICE		
						EST. QTY	PER LB.	EST. QTY	PER LB.	EST. QTY	PER LB.	EST. QTY	PER LB.	EST. QTY	PER LB.	
South Cross Bayou																
Type:																
ROTARY DRUM THICKENERS	Polydyne	SE-1693		7.3	DRY TON	10100	\$1.36	10302	\$1.36	10508	\$1.36	10718	\$1.36	10933	\$1.36	\$521,825.61
	Polydyne	SE-1691		7.7	DRY TON	10100	\$1.35	10302	\$1.35	10508	\$1.35	10718	\$1.35	10933	\$1.35	\$546,371.60
	Polydyne	SE-1371		8.3	DRY TON	10100	\$1.30	10302	\$1.30	10508	\$1.30	10718	\$1.30	10933	\$1.30	\$567,133.19
DEWATERING CENTRIFUGE	Polydyne	SE-1482		27	DRY TON	4500	\$1.90	4590	\$1.90	4682	\$1.90	4475	\$1.90	4871	\$1.90	\$1,185,953.40
	Polydyne	SE-1690		31.2	DRY TON	4500	\$1.85	4590	\$1.85	4682	\$1.85	4475	\$1.85	4871	\$1.85	\$1,334,370.96
W.E. Dunn																
Type:																
ROTARY DRUM THICKENERS	Polydyne	SE-1692		28.2	DRY TON	2100	\$1.36	2142	\$1.36	2185	\$1.36	2229	\$1.36	2273	\$1.36	\$419,149.01
	Polydyne	SE-1691		33.8	DRY TON	2100	\$1.30	2142	\$1.30	2185	\$1.30	2229	\$1.30	2273	\$1.30	\$480,220.26
DEWATERING BELT FILTER TEST	Polydyne	SE-1689		8.2	DRY TON	2000	\$2.00	2040	\$2.00	2080	\$2.00	2122	\$2.00	2165	\$2.00	\$170,674.80
	Polydyne	SE-1374		8.1	DRY TON	2000	\$1.95	2040	\$1.95	2080	\$1.95	2122	\$1.95	2165	\$1.95	\$164,378.57
GRAND TOTAL:															\$2,297,602.82	

*Alternate - total will not be used to determine award

*Alternate - total will not be used to determine award

*Alternate - total will not be used to determine award

*Alternate - total will not be used to determine award

*Alternate - total will not be used to determine award