



August 11, 2021

**SUBJECT:** Addendum No. 1 for Polymer  
**REFERENCE:** Invitation to Bid (ITB) No. 210032  
**TO:** All Prospective Bidders:

This Addendum is being issued for the following reasons:

• **TO REVISE THE ABOVE REFERENCED SOLICITATION AS FOLLOWS:**

1. **Page 1, SOLICITATION DUE DATE/TIME has been revised to read as follows:**

~~September 16, 2021~~ **November 18, 2021** at 2:00:00 P.M., PST

Remove Page 1 and replace with the attached Page 1 marked Revised – 8/11/21.

2. **Page 5, SECTION B – UNIFORM INSTRUCTIONS TO BIDDER(S), ARTICLE 5.0 PREBID CONFERENCE:, ITEM 5.1 has been revised to read as follows:**

5.1 There will be **“NO”** Pre-Bid Conference scheduled for this ITB. Please e-mail all questions to the “Designated Contact Person” referenced on page one (1) of this ITB document. The DISTRICT will not accept any additional questions after **Thursday, September 2, 2021 Friday, November 5, 2021 at 12:00 P.M., PST.**

Remove Page 5 and replace with the attached Page 5 marked Revised – 8/11/21.

3. **Page 5, SECTION B – UNIFORM INSTRUCTIONS TO BIDDER(S), ARTICLE 6.0 ADDENDA AND INTERPRETATIONS:, ITEM 6.3 has been revised to read as follows:**

6.3 All requests for additional information, clarifications and questions pertaining to this ITB should be e-mailed to the “Designated Contact Person” referenced on page one (1) of this ITB document. The DISTRICT will not accept any additional questions after **Thursday, September 2, 2021 Friday, November 5, 2021 at 12:00 P.M., PST.** The DISTRICT shall provide written response to all questions received in writing before the ITB submittal deadline. Questions received from all Prospective Bidders(s) shall be answered in writing via Addendum and e-mailed to all prospective Bidder(s) who are listed as having obtained a copy of the ITB, per the Confirmation/Receipt form attached within the Special Instructions to Bidder(s), Section “A” of this ITB document. Addenda shall also be made available via Clark County Water Reclamation District website at

Remove Page 5 and replace with the attached Page 5 marked Revised – 8/11/21.

BOARD OF TRUSTEES  
Tick Segerblom, *Chair* • Justin Jones, *Vice Chair*  
James B. Gibson • Marilyn Kirkpatrick • William McCurdy II • Ross Miller • Michael Naft  
Thomas A. Minwegen, *General Manager*

5857 East Flamingo Road • Las Vegas, Nevada 89122 • (702) 668-8888 • (800) 782-4324  
[cleanwaterteam.com](http://cleanwaterteam.com)

**ADDENDUM 1  
POLYMER  
SOLICITATION NO. ITB-210032**

**3. Page 31, SECTION E – SPECIFICATIONS/SCOPE OF WORK, ARTICLE 4.0 PRODUCT TESTING:, ITEM 4.5.15 has been revised to read as follows:**

4.5.15 *All Prospective Bidder(s) shall be allowed to bid more than one product so long as the bid dose is less than or equal to 12 lb active polymer per dry ton of solids and meets the criteria established in Section E – Specifications / Scope of Work, paragraph 4.5.10 to 4.5.14, inclusive, where the supporting documentation demonstrates that the average of the set of data at the bid dose produced a minimum cake solid of 23% and a minimum solids capture of 95% with a <del>4.500 mg/l TSS.*

Remove Page 31 and replace with the attached Page 31 marked Revised – 8/11/21.

**4. Page 36, SECTION E – SPECIFICATIONS/SCOPE OF WORK, ARTICLE 12.0 PRODUCT TESTING:, ITEM 12.5.15 has been revised to read as follows:**

12.5.15 *All Prospective Bidder(s) shall be allowed to bid more than one product so long as the bid dose is less than or equal to 12 lb active polymer per dry ton of solids and meets the criteria established in Section E – Specifications / Scope of Work, paragraph 12.5.10 to 12.5.14, inclusive, where the supporting documentation demonstrates that the average of the set of data at the bid dose produced a minimum cake solids of 23% and a minimum solids capture of 95% with a <del>4.500 mg/l TSS.*

Remove Page 36 and replace with the attached Page 36 marked Revised – 8/11/21.


**• THE FOLLOWING QUESTION(S) AND CLARK COUNTY WATER RECLAMATION DISTRICT (DISTRICT) RESPONSES ARE HEREBY INCORPORATED AND MADE A PART OF THE ITB:**

- 1). Regarding ITB 210032 Polymer bid, who is the District's current supplier and their price? Can you also provide the last bid tabulation?

***Answer: Polydyne Inc., is the current supplier for Cationic Emulsion Polymer and the current price is \$2.73/dlb (dry lb active). Solenis LLC is the current supplier for Anionic Emulsion Polymer and the current price is \$2.95/dlb (dry lb active). Please refer to Attachment 1 entitled "Bid Tab ITB 170004" to review the last bid tabulation.***

When issued, this Addendum shall automatically become a part of the solicitation documents and shall supersede any previous specification(s) and/or provision(s) in conflict with the Addendum. All revisions, responses, and answers incorporated into this Addendum are collaboratively from both the DISTRICT Purchasing Solutions Division and the applicable End-User Department. It is the responsibility of the bidder to ensure that he/she has obtained all such Addendum(s). By submitting a bid on this project, bidders shall be deemed to have received all Addendum(s) and to have incorporated them into this ITB.

If you have any questions or if further clarification is needed regarding this ITB, please contact me.



Douglas Moore  
Purchasing Analyst  
702-668-8094  
E-mail: [dmoore@cleanwaterteam.com](mailto:dmoore@cleanwaterteam.com)

Attached Revised Page(s): 1, 5, 31 and 36

Enclosure: *Bid Tab ITB 170004*

	<b>CLARK COUNTY WATER        RECLAMATION DISTRICT</b> NOTICE OF INVITATION TO BID (ITB) SOLICITATION NO.: 210032	<b>PROCUREMENT        SOLUTIONS SECTION</b> 5857 E. Flamingo Rd. Las Vegas, Nevada 89122 702-668-8090
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DESCRIPTION: POLYMER

SOLICITATION DUE DATE/TIME: ~~September 16, 2021~~ November 18, 2021 at 2:00:00 P.M., PST

SUBMITTAL LOCATION: Clark County Water Reclamation District  
 Attn: Procurement Solutions Section  
 5857 E. Flamingo Rd.  
 Las Vegas, Nevada 89122

COMMODITY CATEGORY: Chemicals, Anionic and Cationic Polymer

	<i>Date</i>	<i>Time</i>	<i>Location</i>
NO PRE-BID CONFERENCE:	NONE	NONE	NONE

In accordance with Nevada Revised Statutes (NRS) § Chapter 332, competitive sealed Bids for the goods or services specified will be received by the Clark County Water Reclamation District (DISTRICT) Procurement Solutions Section, Attn: Douglas Moore at the above specified location, until the time and date cited. All **BID(S)** must be received and in the actual possession of the DISTRICT Procurement Solutions Section on or prior to the time and date, and at the location specified above. Late offers will not be considered.

All **BID(S)** must be submitted in a sealed envelope or package with the Solicitation Number, Description and the Bidder's name and address clearly indicated on the envelope or package. All **BID(S)** must be completed in ink or typewritten. Additional instructions for preparing a Bid are included within this Solicitation.

ALL BIDDERS ARE STRONGLY ENCOURAGED TO CAREFULLY READ THE ENTIRE SOLICITATION

Designated Contact Person:  
 Douglas Moore

702-668-8094

\_\_\_\_\_  
 Name

\_\_\_\_\_  
 Telephone Number

dmoore@cleanwaterteam.com

June 1, 2021

\_\_\_\_\_  
 E-Mail Address

\_\_\_\_\_  
 Date

**ADDENDUM 1  
POLYMER  
SOLICITATION NO. ITB-210032**

**SECTION B – UNIFORM INSTRUCTIONS TO BIDDER(S)  
SOLICITATION NO.: ITB-210032**

- 2.17 **Purchase Order:** The formal authorization by DISTRICT for supplier to provide goods and/or services to DISTRICT. The formal CONTRACT takes precedence over any conflicting terms and conditions contained in the purchase order.
- 2.18 **Repair:** Corrective actions required to ensure proper operation of existing equipment, up to and including replacing of said equipment.
- 2.19 **SUCCESSFUL BIDDER:** Bidder who is the lowest responsive, responsible, and/or best Bidder, to whom the Governing Body or the authorized representative has authorized the award of the CONTRACT.
- 2.20 **Rural:** Clark County has towns outside of the urban valley which include, but are not limited to: Laughlin, Moapa Valley, Searchlight, Overton, and Indian Springs.
- 2.21 **Service Call:** To include all applicable services as it pertains to work/task orders requested by the DISTRICT. Service shall also include after-hours call outs as required by DISTRICT.
- 2.22 **Urban:** This includes the contiguous urban Las Vegas Valley.
- 3.0 DESIGNATED CONTACTS:**
- 3.1 For questions pertaining to this ITB, please contact the “Designated Contact Person” referenced on page one (1) of this ITB document (E-mail Preferred).
- 4.0 CONTACT WITH DISTRICT DURING BIDDING PROCESS:**
- 4.1 Communication between a Bidder and a member of the BOT, or between a Bidder and a non-designated DISTRICT contact, regarding this bid is prohibited from the time the bid is advertised until the bid is recommended for award of a contract. Questions pertaining to this Invitation to Bid shall be addressed to the designated contact(s) specified above. Failure of a Bidder, or any of its representatives, to comply with this paragraph may result in its bid being rejected.
- 5.0 PREBID CONFERENCE:**
- 5.1 There will be **“NO”** Pre-Bid Conference scheduled for this ITB. Please e-mail all questions to the “Designated Contact Person” referenced on page one (1) of this ITB document. The DISTRICT will not accept any additional questions after ~~Thursday, September 2, 2021~~ **Friday, November 5, 2021 at 12:00 P.M., PST.**
- 6.0 ADDENDA AND INTERPRETATIONS:**
- 6.1 If it becomes necessary to revise any part of this bid, a written Addendum will be issued by DISTRICT. DISTRICT shall not be bound by any oral representations, clarifications, or changes made in the written requirements and/or specifications by DISTRICT’S employees, unless such clarification or change is provided by the DISTRICT in written addendum form from the Procurement Solutions Section .
- 6.2 Bidder(s) shall take no advantage of any apparent error or omission in the ITB Document. In the event Bidder(s) discover such an error or omission, they shall immediately notify DISTRICT. DISTRICT will then make such corrections and interpretations as may be deemed necessary for fulfilling the intent of the ITB Document through the issuance of an Addendum.
- 6.3 All requests for additional information, clarifications and questions pertaining to this ITB should be e-mailed to the “Designated Contact Person” referenced on page one (1) of this ITB document. The DISTRICT will not accept any additional questions after ~~Thursday, September 2, 2021~~ **Friday, November 5, 2021 at 12:00 P.M., PST.** The DISTRICT shall provide written response to all questions received in writing before the ITB submittal deadline. Questions received from all Prospective Bidders(s) shall be answered in writing via Addendum and e-mailed to all prospective Bidder(s) who are listed as having obtained a copy of the ITB, per the Confirmation/Receipt form attached within the Special Instructions to Bidder(s), Section “A” of this ITB document. Addenda shall also be made available via Clark County Water Reclamation District website at

**ADDENDUM 1  
POLYMER  
SOLICITATION NO. ITB-210032**

**SECTION E – SPECIFICATIONS/SCOPE OF WORK  
SOLICITATION NO.: ITB-210032**

- 4.5.9 Once “steady state” operation has been achieved, the first of three (3) sets of samples can be collected.
- 4.5.10 A minimum of three (3) sets of samples per polymer dose will be collected.
- 4.5.11 Each sampling event must be at least 30 minutes apart.
- 4.5.12 Each sample set will consist of a feed sludge sample, a cake sample and a centrate sample.
- 4.5.13 The samples will be analyzed as follows: Feed Sludge = % Total Solids; Cake = % Total Solids; Centrate = mg/L Total Suspended Solids. **(There will be no more than three (3) sample sets allowed per dosage change per hour).**
- 4.5.14 The average of each data set will be used to calculate the cake solids and solids capture for the purposes of bid submittal.
- 4.5.15 ***All Prospective Bidder(s) shall be allowed to bid more than one product so long as the bid dose is less than or equal to 12 lb active polymer per dry ton of solids and meets the criteria established in Section E – Specifications / Scope of Work, paragraph 4.5.10 to 4.5.14, inclusive, where the supporting documentation demonstrates that the average of the set of data at the bid dose produced a minimum cake solid of 23% and a minimum solids capture of 95% with a <4500 mg/l TSS.***
- 4.6 **NOTE: ALL PROSPECTIVE BIDDERS PLEASE BE ADVISED THAT THE FLAMINGO WATER RESOURCE FACILITY MAY CHANGE ITS OVERALL PROCESS DURING THE COURSE OF THE CONTRACT. THEREFORE, IF THE DISTRICT ELECTS TO DO SO THE SUCCESSFUL BIDDER FOR LOT ONE (1) OF THIS ITB 210032 FOR POLYMER WILL BE REQUIRED TO CONDUCT FUTURE DETERMINED POLYMER TESTING AT NO ADDITIONAL COST TO THE DISTRICT. SUBSEQUENTLY TO APPROVED TESTED POLYMER A FAIR AND REASONABLE PRICE SHALL BE NEGOTIATED BETWEEN THE DISTRICT AND THE SUCCESSFUL BIDDER FOR THE NEWLY APPROVED POLYMER FOR LOT ONE (1).**
- 5.0 DISTRICT EQUIPMENT:**
- 5.1 The DISTRICT storage/feed system consists of 4 tanks @ 7500 gallons. The system operates automatically and is demand activated by high/low level sensors. In addition, the system automatically prepares a preset polymer concentration of a gallons-of-polymer to gallons-of-water ratio.
- 5.2 The feed tank is equipped with an overhead and in-line polymer/water static mixed on the inlet side of the tank. This allows for adequate mixing and aging of the polymer. Polymer is fed to the centrifuge using a variable speed, 10-40 GPM positive displacement pump.
- 5.3 Polymer GPM feed, polymer concentration, sludge feed GPM feed solids and all other operational parameters are controlled and recorded on the DISTRICT computer within the control room.
- 5.4 Make up water is Effluent Recycle Water and has chlorine residual; Polymer must be compatible with a chlorine residual of approximately 2-5 PPM.
- 6.0 DELIVERY LOGISTICS:**
- 6.1 The SUCCESSFUL BIDDER is responsible to deliver the Cationic Emulsion Polymer to the DISTRICT in lots not to exceed 7,000 gallons.
- 6.2 The SUCCESSFUL BIDDER shall ensure all shipments comply with all U.S. Department of Transportation regulations for marking.
- 6.3 The SUCCESSFUL BIDDER shall comply with reasonable requests for emergency deliveries.

**ADDENDUM 1  
POLYMER  
SOLICITATION NO. ITB-210032**

**SECTION E – SPECIFICATIONS / SCOPE OF WORK  
SOLICITATION NO.: ITB-170004**

- 12.5.2 Each testing day shall begin no earlier than 7:00 AM Pacific Standard Time (PST) and conclude no later than 3:00 PM PST. **NOTE: This total allotted time includes preparation, batching, aging, all testing and clean-up.**
- 12.5.3 All centrifuge operational parameters (i.e., feed sludge flow, bowl speed, torque, differential etc.) will be set by DISTRICT operations staff and will be the same setting used for all Prospective Bidders and polymers tested. The centrifuge flow rate shall be approximately 75gpm to 100gpm with a torque setting of 48.
- 12.5.4 The feed sludge flow rate will be constant and may have a variable solids content of 3% - 6%.
- 12.5.5 Prospective Bidders will be required to prepare a dilute polymer at 0.5% concentration.
- 12.5.6 Prospective Bidders will determine when the diluted polymer has been sufficiently aged to commence testing.
- 12.5.7 Prospective Bidders will determine polymer dosing (active lb./dry ton) set-points to be tested at 12lbs/dry ton max.
- 12.5.8 Once a set-point has been set, the centrifuge will operate for at least 30 Minutes to achieve “steady state” operation before sampling will commence.
- 12.5.9 Once “steady state” operation has been achieved, the first of three (3) sets of samples can be collected.
- 12.5.10 A minimum of three (3) sets of samples per polymer dose will be collected.
- 12.5.11 Each sampling event must be at least 30 minutes apart.
- 12.5.12 Each sample set will consist of a feed sludge sample, a cake sample and a centrate sample.
- 12.5.13 The samples will be analyzed as follows: Feed Sludge = % Total Solids; Cake = % Total Solids; Centrate = mg/L Total Suspended Solids. **(There will be no more than three (3) sample sets allowed per dosage change per hour).**
- 12.5.14 The average of each data set will be used to calculate the cake solids and solids capture for the purposes of bid submittal.
- 12.5.15 ***All Prospective Bidder(s) shall be allowed to bid more than one product so long as the bid dose is less than or equal to 12 lb active polymer per dry ton of solids and meets the criteria established in Section E – Specifications / Scope of Work, paragraph 12.5.10 to 12.5.14, inclusive, where the supporting documentation demonstrates that the average of the set of data at the bid dose produced a minimum cake solids of 23% and a minimum solids capture of 95% with a <4500 mg/l TSS.***
- 12.6 **NOTE: ALL PROSPECTIVE BIDDERS PLEASE BE ADVISED THAT THE LAUGHLIN WATER RESOURCE CENTER MAY CHANGE ITS OVERALL PROCESS DURING THE COURSE OF THE CONTRACT. THEREFORE, IF THE DISTRICT ELECTS TO DO SO THE SUCCESSFUL BIDDER FOR LOT THREE (3) OF THIS ITB 210032 FOR POLYMER WILL BE REQUIRED TO CONDUCT FUTURE DETERMINED POLYMER TESTING AT NO ADDITIONAL COST TO THE DISTRICT. SUBSEQUENTLY TO APPROVED TESTED POLYMER A FAIR AND REASONABLE PRICE SHALL BE NEGOTIATED BETWEEN THE DISTRICT AND THE SUCCESSFUL BIDDER FOR THE NEWLY APPROVED POLYMER FOR LOT THREE (3).**
- 13.0 DISTRICT EQUIPMENT:**
- 13.1 The DISTRICT storage/feed system consists of 250 gal totes. The system operates automatically and is demand activated by high/low level sensors. In addition, the system automatically prepares a preset polymer concentration of a gallons-of-polymer to gallons-of-water ratio.
- 13.2 The feed is by individual 250 gal totes. Polymer is fed to the centrifuge using a variable speed, average 4-6 GPH positive displacement pump.

**ADDENDUM 1  
POLYMER  
SOLICITATION NO. ITB-210032**

***ATTACHMENT 1  
"BID TAB ITB 170004"***

Bid Submittals		Solenis LLC				BASF Corporation				Polydyne Inc.			
Bid Item	Description	Qty	U/P	Sub-Total	Total	Qty	U/P	Sub-Total	Total	Qty	U/P	Sub-Total	Total
1	LOT 1 – CATIONIC EMULSION POLYMER, In accordance with the Technical Specifications, FOB Destination, Freight Prepaid to cover all Clark County, NV	500000	\$1.47		\$ 735,000.00	500000	\$2.123		\$ 1,061,500.00	500000	\$1.428		\$ 714,000.00
2	LOT 2 – ANIONIC EMULSION POLYMER, In accordance with the Technical Specifications, FOB Destination, Freight Prepaid to cover all Clark County, NV	12880	\$2.22		\$ 28,593.60	12880	No Bid		No Bid	12880	\$2.30		\$ 29,624.00
<b>TOTAL AMOUNT</b>					\$ 763,593.60				\$ 1,061,500.00				\$ 743,624.00

Purchasing and Contracts: *Douglas G. Moore*  
 Accounting: *Ami Johnson*  
 (Verification of Bid Price only)



**ADDENDUM 1  
POLYMER  
SOLICITATION NO. ITB-210032**

**END OF ADDENDUM 1**