



TO: Board of Contracts and Awards
FROM: Jody Bratton, Assistant Division Manager, Operations and Maintenance
 Michael P. Slevin III, P.E. Director, Environmental Services *JS for MBS*
COPY: City Council, City Manager, City Clerk, SBE Coordinator, LEAP Coordinator, and
 Jessica Tonka, Finance/Purchasing
SUBJECT: Purchase Dry Polymer for Biosolids Dewatering
 Request for Bid Specification No. ES17-0195F – July 11, 2017
DATE: June 23, 2017

SUMMARY:

The Environmental Services Department recommends a contract be awarded to Polydyne Inc., Riceboro, GA, in the amount of \$433,810, sales tax not applicable, budgeted from the ES Wastewater Fund 4300, for dry polymer for biosolids dewatering, for an initial two-year term with the option to renew for three additional one-year terms, for a projected contract total of \$1,215,000.

STRATEGIC POLICY PRIORITY:

- Strengthen and support a safe city with healthy residents.
- Assure outstanding stewardship of the natural and built environment.

Dewatering polymer removes moisture from wastewater solids creating raw material of the nutrient rich, organic soil amendment TAGRO product and provides the cleanest residual water remaining from the wastewater treatment process.

BACKGROUND:

ISSUE: Biosolids dewatering polymer produces the best dewatered solids and the cleanest residual water remaining from the treatment process. Dewatered biosolid is used as a raw material in the City of Tacoma TAGRO soil amendment product.

ALTERNATIVES: The alternative to not approving this contract would cause a re-bid of the same required product to meet the purchase and warranty agreements of the new biosolids dewatering system located at the Central Treatment Plant. Without the use of dewatering polymer the City could not remove moisture from wastewater solids used in the creation of TAGRO products.

COMPETITIVE SOLICITATION: Request for Bid Specification No. ES17-0195F was opened June 6, 2017. Fifteen companies were invited to bid in addition to normal advertising of the project. Four submittals were received. The low bidder, Polydyne, Inc., is recommended for award.

| <u>Respondent</u> | <u>Location (city and state)</u> | <u>Submittal Amount</u> |
|------------------------|----------------------------------|-------------------------|
| Polydyne, Inc. | Riceboro, GA | \$433,810.00 |
| Kemira Water Solutions | Lawrence, KS | \$517,497.00 |
| BASF Corporation | Charlotte, NC | \$573,401.00 |
| Diachem Polymers Inc. | Vancouver, WA | \$692,118.00 |

Pre-bid Estimate: \$643,500.00

The recommended award is 33 percent below the pre-bid estimate.



CONTRACT HISTORY: New contract.

SUSTAINABILITY: The use of dewatering polymer is a key ingredient in the recycling of wastewater solids into raw material used in creation of the nutrient rich, soil amendment TAGRO with the resulting removed water being retreated and returned to Commencement Bay.

SBE/LEAP COMPLIANCE: Not applicable.

RECOMMENDATION:

The Environmental Services Department recommends a contract be awarded to Polydyne Inc., Riceboro, GA, in the amount of \$433,810, sales tax not applicable, budgeted from the ES Wastewater Fund 4300, for dry polymer for biosolids dewatering, for an initial two-year term with the option to renew for three additional one-year terms, for a projected contract total of \$1,215,000.

FISCAL IMPACT:

EXPENDITURES:

| FUND NUMBER & FUND NAME * | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|---------------------------|----------------------------|--------------|--------------------|
| Wastewater Fund 4300 | 525100 | 5216070 | \$1,215,000 |
| TOTAL | | | \$1,215,000 |

* General Fund: Include Department

REVENUES:

| FUNDING SOURCE | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|----------------------|----------------------------|--------------|--------------------|
| Wastewater Fund 4300 | 523900 | 4343150 | \$1,215,000 |
| TOTAL | | | \$1,215,000 |

POTENTIAL POSITION IMPACT:

| POSITION TITLE | PERMANENT/ PROJECT TEMPORARY POSITION | FTE IMPACT | POSITION END DATE |
|----------------|--|------------|-------------------|
| N/A | | | |
| TOTAL | | | |

This section should only be completed if a subsequent request will be made to increase or decrease the current position count.

FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$433,810

ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes, for the 2017/2018 biennium budget.

Funding beyond the current biennium is subject to future availability of funds. Funds are anticipated to be included in future biennium budgets. No budget modifications are required.