



Legislation Text

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Resolution to Approve the Purchase of Polymer from Polydyne Inc. for the Wastewater Treatment Plant, Bid No. ITB-4178 (\$260,000.00)

Your approval is requested to authorize the purchase of polymer from Polydyne Inc. for the City's Wastewater Treatment Plant (WWTP) at an estimated cost of \$260,000.00 for FY12.

The WWTP, through the Residuals Handling Project, has installed two gravity belt thickeners and three dewatering centrifuges to improve the plant's ability to thicken and dewater biosolids for land application or land filling. Biosolids must be conditioned with polymers to ensure functionality and optimal performance of the centrifuges and gravity belt thickeners, thereby lowering the total expense of biosolids removal.

Plant staff worked with several vendors to test various polymers to ascertain characteristics best suited to the WWTP's biosolids thickening and dewatering equipment. After testing and determining performance requirements, staff advertised for two specific polymers under invitation to bid, ITB-4178: SNF Polydyne, Clarifloc CE-1540 polymer and BASF Corp., Zetag 8846FS (US) polymer. Either of the two polymers could be used in both the gravity belt thickeners and the dewatering centrifuges.

The following suppliers submitted bids in response to ITB-4178:

Polydyne Inc.

- SNF Polydyne, Clarifloc CE-1540 ..... \$1.15/lb., delivered
- BASF Corp., Zetag 8846FS (US) ..... No Bid

BASF Corp.

- SNF Polydyne, Clarifloc CE-1540 ..... No Bid
- BASF Corp., Zetag 8846FS (US) .....\$1.27/lb., delivered

Polar Environmental Service

- SNF Polydyne, Clarifloc CE-1540 ..... \$1.18/lb., delivered
- BASF Corp., Zetag 8846FS (US) .....\$1.36/lb., delivered

Staff reviewed the bids, compared them to ITB-4178 specifications and recommends that Polydyne Inc. be approved as the lowest responsible bidder to supply polymer at the WWTP for FY12.

Additionally, it is recommended that the agreement be extended for up to three one year renewals at no increase in cost if the supplier and the City Administrator agree. Approval for subsequent fiscal years is subject to the availability of funding.

Polydyne Inc. received Human Rights Contract Compliance approval on August 31, 2011.

Funds to finance this purchase are included in the approved FY12 WWTP Operation and Maintenance budget for the Sewage Disposal System.

Prepared by: Ed Sajewski, Contract and Project Services Manager, WWTSU

Reviewed by: Sue F. McCormick, Public Services Administrator

Approved by: Steven D. Powers, City Administrator

Whereas, The City's Wastewater Treatment Plant (WWTP) requires polymer as an essential component of its biosolids thickening and dewatering systems;

Whereas, Polydyne Inc. submitted the lowest responsible bid for supplying polymer to the WWTP per the specifications in ITB-4178;

Whereas, Polydyne Inc. received Human Rights Contract Compliance approval on August 31, 2011; and

Whereas, Sufficient funds have been budgeted in the approved FY12 WWTP Operation and Maintenance budget for the Sewage Disposal System;

RESOLVED, That City Council approve a purchase order with Polydyne Inc. for the purchase of polymer in accordance with the terms of ITB-4178;

RESOLVED, That the City Administrator be directed to enter into an agreement in accordance with this resolution at a projected cost of approximately \$260,000.00 for FY12; and

RESOLVED, That the City Administrator be authorized to renew the agreement for up to three one-year periods provided both parties agree to an extension no increase in cost.