

E Environment Committee

Meeting date: January 22, 2008

For the Metropolitan Council Meeting of February 13, 2008

ADVISORY INFORMATION	
Date:	January 11, 2008
Subject:	Authorization to Purchase Polymer for the Metropolitan Wastewater Treatment Plant
District(s), Member(s):	All
Policy/Legal Reference:	Council Policy 3-3 Expenditures – Procurement of Goods and Services Over \$250,000
Staff Prepared/Presented:	Richard Halsted 651-602-1038
Division/Department:	MCES C/O William G. Moore 651-602-1162

Proposed Action

That the Metropolitan Council authorize the Regional Administrator to issue a Purchase Order to Polydyne Incorporated, to provide Clarifloc CE-817 & CE-819 Polymers to the Metropolitan Wastewater Treatment Plant at a unit price of \$0.134 & \$1.09 per pound, respectively.

Background

Polymer is a conditioning chemical, which aids in the removal of water while processing sludge solids on mechanical equipment such as Centrifuges and Belt Presses. Two types of polymer are required as the Metro Plant produces two different blends of primary and secondary sludge solids depending on operating conditions.

Procurement of polymer involves receipt of sealed bids, followed by a full-scale evaluation of polymer performance, followed by an evaluation of bids to identify the most effective polymer at the lowest cost to the Council.

Polymer manufacturers were invited by a formal Invitation for Bids in August of 2005 to test up to three different polymers each. Polymers from Polydyne and Stockhausen met the minimum solids recovery standards set forth in the Technical Specifications of the Evaluation. One manufacturer, Nalco, withdrew from the evaluation during preliminary testing.

Rationale

The results of the original evaluation are used to determine the lowest responsive, responsible bidder for a series of one-year purchase orders over a five-year period. The pre-qualified bidders will be invited to submit pricing annually for the next year’s contract.

Polydyne was the lowest responsive and responsible bidder for the year 2007 purchase order for both types of polymer. Estimated expenditures for this chemical are approximately \$2,530,000 annually.

Funding

Funds are available in the Metro Wastewater Treatment Plant annual operating budget.

Known Support / Opposition

None.