

**CITY COUNCIL  
COMMUNICATION:**

**ITEM \_\_\_\_\_**

**OFFICE OF THE CITY MANAGER  
CITY OF DES MOINES, IOWA**

**00-092**

**SYNOPSIS -**

**AGENDA:**

MARCH 20, 2000

**SUBJECT:**

COMPETITIVE  
PROCUREMENT OF  
AN INDUCTIVELY  
COUPLED PLASMA  
SPECTROMETER

The Wastewater Reclamation Facility requested competitive bids on an Inductively Coupled Plasma (ICP) Spectrometer for analysis of trace concentrations of heavy metals in environmental samples (storm, river, industrial and process) as required by the Discharge Permit issued by the Iowa Department of Natural Resources. This was let as a competitive bid under Bid No. G2000-182. Twelve bids were mailed and two vendors responded with three bids. Of the three received, two bids complied with the specifications and the Wastewater Reclamation Facility recommends the low compliant bid, Perkin Elmer LLC (761 Main Avenue, Norwalk, Connecticut, Robert J. Rosenthal, Principal).

**TYPE:**

**RESOLUTION**  
ORDINANCE  
RECEIVE/FILE

**FISCAL IMPACT -**

The funding for the procurement of this spectrometer in the amount of \$95,692.30 is budgeted for under Index Code 396366, Subobject Code 4406,

**SUBMITTED BY:**

WILLIAM STOWE  
WRF DIRECTOR,  
PUBLIC WORKS  
DIRECTOR  
DESIGNEE

**RECOMMENDATION -**

**Approval.**

**BACKGROUND -**

The Wastewater Reclamation Facility performs more than 3,500 analyses for copper, lead, chromium, and other heavy metals on environmental samples each year. The current instrument analyzes one metal at a time, requires extensive sample digestion, and is more than 10 years old. The ICP spectrometer analyzes all metals on each sample simultaneously and does not require sample digestion. Staff time is reduced by 25 percent. Sample turn around (average

wait time for results) is reduced from 7 days to 1 hour. The request was approved and the funding budgeted in the 99-2000 budget. The Wastewater Reclamation Facility published competitive bids under bid number G2000-182 for procurement of this instrument. Two vendors responded with three bids. Two bids met all specifications as outlined in the bidding document. Therefore, staff recommends awarding the bid as a competitive procurement to the low bidder, Perkin Elmer LLC.







