

(Purchasing No. 11000203)

EM SUBMISSION NO.: 2012 EM111

PRESENTED: 2-10-12

ADOPTED: 2-16-12

BY THE EMERGENCY MANAGER

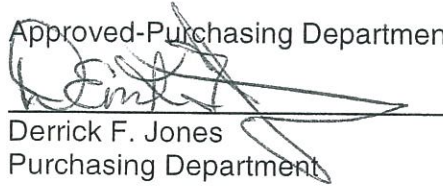
**RESOLUTION TO MCNAUGHTON-MCKAY FOR VARIANCE FREQUENCY DRIVES**

The Department of Purchases & Supplies has solicited bids for variance frequency drives as requested by Water Pollution Control Facilities; and

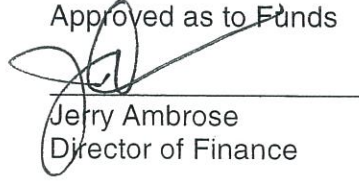
McNaughton-McKay, 1011 E. Fifth Ave., Flint, Michigan was the sole bidder for said requirements. Funding for said services will come from account 590-550.300-977.000; and

IT IS RESOLVED, That the Department of Purchases & Supplies, upon City Council's approval, is hereby authorized to issue a purchase orders to McNaughton-McKay for variance frequency drives in an amount not to exceed \$199,295.00. (Sewer Fund)

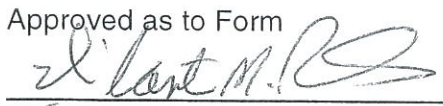
Approved-Purchasing Department

  
Derrick F. Jones  
Purchasing Department

Approved as to Funds

  
Jerry Ambrose  
Director of Finance

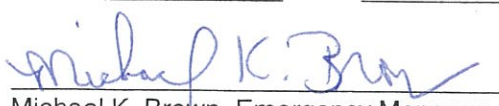
Approved as to Form

  
Peter M. Bade  
City Attorney

EM DISPOSITION:

ENACT ✓ FAIL \_\_\_\_\_

DATED 2-16-12

  
Michael K. Brown, Emergency Manager

013112 – KRN

## RESOLUTION STAFF REVIEW

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January 24, 2012

**Agenda Item Title:** Allen-Bradley VFD at WPCF

**Prepared By:** Robert J. Case, Water Pollution Control

**Background/Summary of Proposed Action:**

WPC relies on Allen-Bradley variable speed drives to control motors for pumping and other plant treatment processes. Currently, the #1 main pump at Third Avenue Pump Station is not functional because the old VFD has failed. It can't be economically repaired because semi-conductor parts for the #1 drive at the Third Ave pumping station are obsolete and no longer available. Therefore, the station's pumping capacity has been reduced by 25%. Failure to replace the drive could lead to sewage overflowing into the Flint River during rain storms and other high flow conditions. A six to nine month time period is needed to have a new drive unit built, tested, and delivered.

**Financial Implications:**

Please issue a PO for the approved FY2012 budgeted amount of \$199,295.00. Use account number 590-550.300-977.000 when issuing this PO.

**Budgeted Expenditure?** Yes ☒ No ☐ Please explain if no:

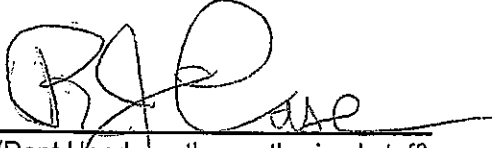
**Account No.:** 590-550.300-977.000

**Pre-encumbered?** Yes ☐ No ☒ Requisition # 1101510

**Other Implications (i.e., collective bargaining):** None.

**Staff Recommendation:** Recommend Approval

**Staff Person:**

  
(Dept Head or other authorized staff)