

AGENDA REPORT

DATE February 19, 2008

ITEM: FINAL PAYMENT: CONTRACT 02, GENERAL CONSTRUCTION FOR THE WASTEWATER TREATMENT PLANT COGENERATION PROJECT, O. F. 1404

INITIATED BY: PUBLIC WORKS DEPARTMENT / ENGINEERING DIVISION

ACTION REQUESTED: APPROVE FINAL PAYMENT REQUEST

PRESENTED BY: JIM REARDEN, PUBLIC WORKS DIRECTOR

- - - - -

RECOMMENDATION: Staff recommends approval of Final Payment to NewMech Companies, Inc. (NewMech) for Contract 02 – General Construction for the Wastewater Treatment Plant Cogeneration Project, O. F. 1404.

MOTION: “I move the City Commission approve Final Pay Request of \$4,950.00, to NewMech Companies, Inc. and payment of \$50.00 to the State Miscellaneous Tax Division for Contract 02 – General Construction for the Wastewater Treatment Plant Cogeneration Project, O. F. 1404, and authorize the City Manager to make the payments.”

SYNOPSIS: Bids were opened on November 14, 2006 with NewMech Companies, Inc. submitting the lowest responsible bid of \$1,143,000. The other bid submitted was in the amount of \$1,921,700.00. City Commission awarded the construction contract to NewMech Companies on November 21, 2006. Substantial completion of the project occurred on May 23, 2007. Final cost of the project was \$1,286,877.85. Delay of the final payment application was due to several punch list items needed to be completed by the contractor. These items have now been completed.

This project involved installing a new cogeneration system at the Great Falls Wastewater Plant. The cogeneration system includes an engine generator, gas cleaning equipment, and heat recovery and delivery equipment.

BACKGROUND: The new cogeneration system will use methane gas produced in the treatment process at the wastewater treatment plant to generate electricity and heat to meet part of the plant’s energy requirements. Currently the excess methane gas is burned off using a flare, ultimately wasting it. Startup of the cogeneration system is pending the approval of an air permit by DEQ which is expected to happen by mid-March.

Stanley Consultants Inc completed the project design and performed construction inspection and contract administration duties. City engineering staff assisted with project administration duties.