

ORDINANCE NO. 02-75 AC CMS

AN ORDINANCE AUTHORIZING A CHANGE ORDER TO THE CONTRACT WITH NORTH BAY CONSTRUCTION, INC., OF WESTLAKE, OHIO FOR ADDITIONAL WORK FOR THE OBERLIN WATER ENVIRONMENT PROTECTION FACILITY PROJECT FOR THE PUBLIC WORKS DEPARTMENT AND DECLARING AN EMERGENCY

BE IT ORDAINED by the Council of the City of Oberlin, County of Lorain, State of Ohio, five-sevenths (5/7ths) of all members elected thereto concurring:

SECTION 1. That the attached change order for additional work relating to the contract between the City of Oberlin and North Bay Construction, Inc., of Westlake, Ohio, for improvements to the Oberlin Water Environment Protection Facility is hereby approved, and the City Manager is hereby authorized to execute same on behalf of the City, said change order being in the total amount of \$67,399.

SECTION 2. It is hereby found and determined that all formal actions of this Council concerning or related to the adoption of this Ordinance were adopted in an open meeting of this Council and that all deliberations of this Council and of any of its committees that resulted in such formal action, were in meetings open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

SECTION 3. That this Ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, safety, and welfare of the citizens of Oberlin, Ohio, to wit:

"to authorize necessary additional work which was discovered during construction and to provide for the usual daily operation of a municipal department", and shall take effect immediately upon passage.

PASSED: 1st Reading - July 1, 2002 (E)
2nd Reading -
3rd Reading -

ATTEST:


CLERK OF COUNCIL


CHAIR OF COUNCIL

POSTED: July 2, 2002

EFFECTIVE DATE: July 2, 2002

62-75

CDM

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MEMORANDUM

To: Jeff Baumann, City of Oberlin
Maria Wossilek, City of Oberlin
Mark Stedfeld, OEPA-DEFA
Roland Roberts, OEPA-DEFA

From: Ed St. John

Subject: Oberlin WEPF Improvements Project – Change Order 12 - Items 12.1 through 12.4 for Contract 96-1 (North Bay Construction, Inc.)

Date: 28 June 2002

File: 20653 - 33976

No. of Pages: 2

The purpose of this memorandum is to describe each item in Change Order 12 and to identify associated costs. This change order increases the scope of work of the above referenced Contract and warrants additional compensation to the Contractor – North Bay Construction, Inc. Support documentation and Contractor's cost estimates are attached to this memo. Authorization of Change Order 12 by the Oberlin City Council is anticipated on July 1, 2002.

12.1 – Bar Screen Building Heating and Ventilation System – The original design did not provide Classified (Class 1, Division 2, Group D, explosion proof) heating and ventilating equipment. The presence of the open channel, in the floor of the building, requires use of classified equipment. The scope of work for this item includes purchase and installation of an intake fan, duct heater, ducting, controls and a separate exhaust louver. See Attachment 1. **The cost for this item is \$32,240.00.**

12.2 –Grit Building Heating and Ventilation System – A basement was added to the Grit Building but no heating and ventilation was included. The basement was added to house the grit pump, the grit screw and the blower. This equipment must be protected from freezing and excessive humidity. The existing heating and ventilation in the upper level of the Grit Building provides only minimal heat and ventilation. This revised system provides heating and ventilation for both levels of the Grit Building. In the winter outside air will be drawn in, heated, and circulated throughout both levels of the building. In the summer the exhaust fan will draw outside air through the building. The scope of work for this item includes the purchase and installation of an intake

louver, duct heater, exhaust fan, ducting, and controls. See Attachment 1. **The cost for this item is \$26,820.00.**

12.3 – EQ Influent Pumps Control Panel – The control panel for the new equalization pumps was partially installed before the project was suspended. The conduits were run, but the wires were not due the lack of an adequate power supply. The open conduits allowed moisture to enter the control panel and corrode many of the control components. The corroded components had to be replaced. The scope of work for this item includes replacing the corroded components and re-installing the panel. **The cost for this item is \$6,793.00.**

12.4 – EQ Basin Overflow Box – The overflow weir (concrete block structure) was raised prior to the current contract. As a result, the existing freeboard for the equalization basin, is believed to be approximately 1 inch. The original freeboard must be replaced to insure safe operation. 3 feet of freeboard is required by Ohio EPA standards and good engineering practice. Overtopping an earthen bank of the equalization basin leads to erosion which can cause failure. Prior to this project the one basin provided approximately 3,200,000 gallons storage. The addition of the second basin and raising of the overflow increased the volume to approximately 5,100,000 gallons. Using the two basins and providing 3 feet of freeboard results in a volume of 4,100,000 gallons. The scope of work for this item includes removing the concrete blocks at the overflow structure to return the overflow elevation to approximately 782.5, its original height. **The cost for this item is \$1,546.00.**

Total cost for Change Order 11 = \$67,399.00