

**Information to be included in all Legislation Modifying a Contract:**

1. **The names, contract compliance no. & expiration date, location by City/State and status of all companies (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR) submitting a competitive bid or submitting an RFP or RFSQ.**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>City,State</u>	<u>Status</u>
Kokosing Construction Co., Inc.	31-1023518 – 3/3/12	Columbus, Oh	Majority
Danis Industrial Construction Co.	31-1807991 – INA	Miamisburg, Oh	Majority
Walsh Construction Co.	36-2231526 – 10/1/11	Chicago, Il	Majority

NOTE: This is a construction contract, not an RFP or RFSQ.

2. **What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**  
Bids were formally advertised on the City's Vendor Services website with a bid opening date of March 26, 2008.

3. **List the ranking and order of all bidders.**

1. Kokosing Construction Co.	\$ 32,856,600.00
2. Danis Industrial Construction Co.	\$ 32,900,000.00
3. Walsh Construction Company	\$ 33,728,628.00

4. **The name, address, contact name, phone number and contract number of the firm awarded the original contract.**

Kokosing Construction Co., Inc.  
886 McKinley Ave.  
Columbus, OH 43222  
Daniel B. Walker, Sr. Vice President (614) 523-3602  
EL008190

5. **A description of work performed to date as part of the contract and a full description of work to be performed during any future phasing of the contract.**

Furnishing all materials, equipment and labor necessary to construct a new sludge pumping station, new lime sludge control house, new coagulation sludge control house, new main substation, construction of six electrical rooms, improvements to the sludge force main and all facilities appurtenant and incidental hereto, other items specified in the documents, and such other work as may be necessary to complete the contract in accordance with the plans and specifications.

The existing sludge pumping equipment at this facility has been in continuous action for over 25 years. The pumps, motors and valves require continuous attention of maintenance personnel, while operating below rated capacity. Replacement of this equipment will significantly reduce unnecessary downtime and maintenance expenses, while increasing efficiency. The electrical system must be replaced/upgraded to support the improved pumping equipment.

6. **An updated contract timeline to contract completion.**

There is no change in the current completion date of August 2, 2011.

7. **A description of any and all modifications to date including the amounts of each modification and the Contract Number associated with any modification to date. (List each modification separately.)**

There are no prior modifications.

8. **A full description of the work to be performed as part of the proposed contract modification. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)**

- \$161,869.00 – Replacement of a section of buried chemical lines with double wall pipe and upgrading the trench.
- \$142,155.00 – Provide additional I & C inputs to Distribution Control Center to control the high service pumps.
- \$136,168.00 – Installation of waterlines to Lagoon 1, Lagoon 2, and the Intake Structure.
- \$83,163.00 – Replacement of a section of the Sludge Force Main due to corroded condition.
- \$82,488.00 – Collection and compilation of additional electrical data points for Arc Flash Safety/Short Circuit Coordination Study.
- \$75,397.00 – Additional milling and paving due to unknown site conditions.
- \$66,616.00 – Replacement of a section of the waterlines for the Plant fire hydrants due to deteriorating conditions.
- \$62,618.00 – Equip two 15 kV switchgear cubicles to provide for future electrical needs.
- \$56,288.00 – Repairs to leaking basin walls and piping.
- \$55,129.00 – Acceleration of the schedule to perform the sludge line meter vault work at the request of OEPA
- \$184,378.00 – 20% Contingency

9. **If the contract modification was not anticipated and explained in the original contract legislation a full explanation as to the reasons the work could not have been anticipated is required. (Changed or field conditions is not sufficient explanation. Describe in full the changed conditions that require modification of the contract scope and amount.)**

- Replacement of a section of buried chemical lines with double wall pipe and upgrading the trench: Performing this environmental safety work as soon as possible will reduce the risk that a chemical leak will end up in a nearby drainage ditch and the Big Walnut Creek. Also, completing this work was needed before the paving work in this area was started to reduce the costs of repairing any damage to the surrounding pavement.
- Provide additional inputs to Distribution Control Center to control the high service pumps: The number of points needed to control the high service pumps were underestimated until after construction was started. Control of the high service pumps is an essential part of providing water to the Columbus area.
- Installation of waterlines to Lagoon 1, Lagoon 2, and the Intake Structure: One major use of these waterlines will be to provide water access to sludge hauling contractors to help prevent fugitive dust environmental safety issues on and off the HCWP site including Morse Road which was a problem on a recent lagoon construction project. In addition, work was already programmed to be completed by the Contractor in these areas allowing for reduction in mobilization costs. Also, performing this work before the paving is done in these areas will reduce the costs of repairing any pavement that had to be dug up to install these lines.
- Replacement of a section of the Sludge Force Main due to corroded condition: When excavation was performed in the area of this portion of the sludge force main, it was discovered that the pipe was corroded and in a deteriorated condition. This work will reduce the risk of a sludge leak in this area of the force main.

- Collection and compilation of additional electrical data points for Arc Flash Safety/Short Circuit Coordination Study: In the professional opinion of the subcontractor performing the Arc Flash Safety/Short Circuit Coordination Study for this project's electrical upgrades, the existing study did not include all the electrical data points this subcontractor thought was needed which would prevent them from completing the new study. A completed, certified study for this project's electrical upgrades is required for personnel and equipment safety.
- Additional milling and paving due to unknown site conditions: During the initial pavement work, it was discovered that additional milling and paving beyond the 3 inches of milling and paving specified for the parking/access areas was required to provide a firm base that would ensure a quality result. Existing conditions varied from what was shown on record drawings.
- Replacement of a section of the waterlines for the Plant fire hydrants due to deteriorating conditions: When excavation was performed in the area of a portion of the waterlines for the Plant fire hydrants, it was discovered that these waterlines were in a deteriorated condition and starting to leak. This work will provide needed repair for these Plant fire hydrants for the safety of personnel and equipment.
- Equip two 15 kV switchgear cubicles to provide for future electrical needs: During the submittal process for the 15 kV switchgear it was determined to be in the City's best interest that this switchgear could be fabricated to provide two equipped cubicles that would be available to provide for future electrical needs. Once fabricated, the switchgear could no longer be changed to provide these two equipped cubicles.
- Repairs to basin wall and piping: When excavation was performed in the area north of the settling basins, leaks were revealed in the basin wall and piping which required immediate repair.
- Acceleration of the meter vault work in order to provide sludge force main pressure and flow indications sooner to determine sludge leaks in the force main as indicated to the Ohio EPA: Since the date this project was bid, there have been several sludge leaks in the sludge force main. Acceleration of this work will help to detect any future leaks sooner and reduce effects on the environment.

**10. An explanation of why the work to be performed as part of the contract modification cannot be bid out. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)**

This modification keeps the contractor on the project to finalize the Hap Cremean Water Plant sludge pump station renovations and electrical upgrades. Also, it will help reduce the risk of chemical leaks to the environment; provide the required controls to operate the high service pumps to distribute water to the Columbus area; provide for the safety of personnel and equipment; provide immediate, needed repair to existing plant equipment for continued use; and provide available, future, electrical feeds at a reduced cost. Acceleration of the sludge line meter vault work will appease concerns of OEPA regarding sludge line monitoring for leaks. In light of this, the additional cost, delays and liability associated with bidding this integral portion of the work would well exceed any benefit.

**11. A cost summary to include the original contract amount, the cost of each modification to date (list each modification separately), the cost of the modification being requested in the legislation, the estimated cost of any future known modifications and a total estimate of the contract cost.**

At this time it is not anticipated any additional contract modifications will be required for this construction contract. As with any construction project being performed, it is possible

unanticipated conditions may arise which would require a construction contract modification.

At this time, the complete estimated cost breakdown is as follows:

Original Contract Amount \$32,856,600.00

Cost of this Modification \$ 1,106,269.00

Total Amount \$33,962,869.00

**12. An explanation of how the cost of the modification was determined.**

Costs were submitted by the Contractor and reviewed and verified by the Engineering Consulting Team providing Construction Services for the project.