

Ord No.:

**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>
Companies submitting an RFSQ:			
A. Burgess & Niple, Ltd.	310885550 / 12/10/2010	Columbus, Ohio	MAJ
B. R.D. Zande & Associates, Inc. (now acquired by Stantec Consulting Services, Inc.)	112167170 / 12/17/2011	Columbus, Ohio	MAJ
C. Malcolm Pirnie, Inc. (now acquired by ARCADIS U.S., Inc.)	570373224 / 08/25/2013	Columbus, Ohio	MAJ
D. ms consultants, inc.	346546916 / 05/27/2012	Columbus, Ohio	MAJ
E. Black & Veatch, Inc.	431833073 / 10/30/2011	Cincinnati, Ohio	MAJ

Companies that were selected and requested to submit, and did submit, a Technical Proposal (RFP):

- A. Burgess & Niple, Ltd.
- B. R.D. Zande & Associates, Inc. (now acquired by Stantec Consulting Services, Inc.)
- C. Malcolm Pirnie, Inc. (now acquired by ARCADIS U.S., Inc.)

2. **What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**

RFSQ

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

- 1. Malcolm Pirnie, Inc. (now acquired by ARCADIS U.S., Inc.)
- 2. Burgess & Niple, Ltd.
- 3. R.D. Zande & Associates, Inc.

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

ARCADIS U.S., Inc. (formerly Malcolm Pirnie, Inc.),  
100 E. Campus View Blvd., Suite 200, Columbus OH 43235-1447  
Contact: Steve Mess, PE; (614.985.9100)  
Contract No.: CT-18653

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.**

The Contract with ARCADIS U.S., Inc. (formerly Malcolm Pirnie, Inc.) provides professional engineering services for the Southerly Wastewater Treatment Plant New Headworks, Project No. 650352. This Design Professional (DP) contract provides: preliminary design, detailed design, bidding assistance, construction-phase engineering, start-up and commissioning assistance, record documentation preparation assistance, and other

services for this project, as directed by the City. The actual emplacement of the designed work will be by construction contract.

Project improvements are being built under separately bid construction contracts. The construction contract designations and purpose are:

Contract J203/S63 – Primary Sludge Pumping System Improvements

Provides for the replacement of the Primary Sludge Pumps at the Jackson Pike and Southerly Wastewater Treatment Plants.

Contract S65 – Raw Sewage Pump Building

Provides for the construction of a raw sewage pump building with pumps, mechanically cleaned bar racks, associated equipment and building systems, piping and site work.

Contract S67 – Screen & Grit Facilities

Provides for the construction of a screen and grit facility with perforated panel screens, grit removal tanks, odor control facility, associated equipment and building systems, piping and site work.

Contract S79 – Decommissioning

Provides for the decommissioning of the existing headworks facilities. Renovation of the Screen Building (SCN) for grade level reuse as the proposed Machine and Overhaul Shops (MAO) and partial renovations to the existing Administration Building (ADM) are also a part of this project. This includes site, architectural, structural, mechanical, and electrical work.

Contract S81 – Waste Digester Gas Utilization Improvements.

Provides a digester gas line from the digesters to the Screen and Grit Building and to the Service Building to supply digester gas to fuel the boilers. Provides new boilers and appurtenances for the Service Building and Building Code required revisions.

Engineering Services Progress:

Contract J203/S63 – All engineering services have been completed for this project phase. All construction work is completed and the contract is closed.

Contract S65 – All design services are complete for this project phase. All construction work is completed and the contract is closed.

Contract S67 – All design services are complete for this project phase. All construction work is completed and the contract is closed.

Contract S79 – All design services are complete for this project phase. Services during Construction are underway.

Contract S81 – All design services are complete for this project phase. Services during Construction are underway.

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

The Contract Notice to Proceed was issued November 5, 1997.

Contract J203/S63 – Primary Sludge Pumping System Improvements

A Preliminary Design Report for the Primary Sludge Pumping System Improvements was submitted to the City on March 7, 2001. In February, 2001, Malcolm Pirnie, Inc. proceeded with Detailed Design services for Contract J203/S63. The design was completed and the construction contract bids were received on October 24, 2001. The contract was awarded and the Notice to Proceed was issued on May 30, 2002. Construction was completed in September, 2005.

Contract S65 – Raw Sewage Pump Building –

The Preliminary Design work for the headworks facility was started November, 1999. This investigative and planning effort was summarized in the Detailed Design Memorandum (DDM), submitted to the City on October 29, 1999. In July, 2001, Malcolm Pirnie, Inc. proceeded with Detailed Design services for Contract S65. The design was completed and the construction contract bids were received on September 3, 2003. The contract was awarded and the Notice to Proceed was issued on May 10, 2004. Construction was completed in April, 2011.

Contract S67 – Screen & Grit Facilities

The Preliminary Design work for the headworks facility was started November, 1999. This investigative and planning effort was summarized in the Detailed Design Memorandum (DDM), submitted to the City on October 29, 1999. In February, 2003, Malcolm Pirnie, Inc. proceeded with Detailed Design services for Contract S67. The design was completed and the construction contract bids were received on October 27, 2004. The contract was awarded and the Notice to Proceed was issued on May 24, 2005. Construction was completed in May, 2011.

Construction on the New Headworks at the City of Columbus' Southerly Wastewater Treatment Plant proceeded on a very tight schedule, in order to meet the City's commitment to Ohio EPA as to the operational date for the new headworks facilities. These facilities were required facilities under the City's Consent Decrees with Ohio EPA, and were included in the City's Wet Weather Management Plan, submitted to the agency on July 1, 2005, as scheduled.

S79 – Headworks Decommissioning

Design is completed, bidding has occurred and construction is substantially completed, final completion of construction is scheduled for 2013.

S81 – Waste Digester Gas Utilization Improvements.

Design is completed, bidding has occurred. Final Completion of construction is scheduled for December, 2013.

- 7. A narrative discussing the economic impact or economic advantages of the project; community outreach or input in the development of the project; and any environmental factors or advantages of the project.**

Removal of unused facilities and equipment, provision of updates, and beneficial reuse of existing facilities will extend the useful life of existing structures, eliminate expense for new facilities, increase work efficiency and provide safe work environment for the plant personnel. No community outreach or environmental factors are considered for this project.

- 8. 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.)**

ORIGINAL CONTRACT: \$1,567,500.00 (CT-18653)

Provided funding estimated to be needed for Preliminary Design services for the new headworks facility, Contracts S65 and S67.

MODIFICATION NO. 1: \$707,500.00 (EL000202)

Provided additional funding needed for Preliminary Design services for the new headworks facility, Contracts S65 and S67 and funding provided for Preliminary Design and Detailed Design services, estimated to be needed for Contract J203/S63.

MODIFICATION NO. 2: \$3,060,000.00 (EL001386)

Funding provided for Detailed Design services estimated to be needed for Contract S65.

MODIFICATION NO. 3: \$122,000.00 (EL002285)

Tasks defined and funding provided for Services During Construction estimated to be needed for Contract J203/S63.

MODIFICATION NO. 4: \$50,000.00 (EL003166)

Funding provided for additional Detailed Design services for Contract J203/S63.

MODIFICATION NO. 5: \$3,193,000.00 (EL003167 and EL003168)

Funding provided for Detailed Design services estimated to be needed for Contract S67 and for additional Detailed Design services for Contract S65.

MODIFICATION NO. 6: \$3,792,000.00 (EL004220)

Tasks defined and funding provided for Services During Construction estimated to be needed for Contract S65.

MODIFICATION NO. 7: \$4,614,000.00 (EL005306)

Tasks defined and funding provided for Services During Construction estimated to be needed for Contract S67 and for additional Services During Construction estimated to be needed for Contract S65.

MODIFICATION NO. 8: \$280,000.00 (EL006797)

This modification was required as a result of the January 2005 flood event at the Southerly Wastewater Plant, New Headwork site and the Contractor's claim for additional dewatering costs. The modification was for additional Services During Construction required to properly monitor the contractor's schedule recovery efforts, evaluate the merits of the Contractor's site dewatering claim, and evaluate the construction of a site flood protection levee and the stabilization alternatives for the Big Walnut Outfall Sewer.

MODIFICATION NO. 9: \$697,000.00 (EL008694)

This modification provides funding for Preliminary and Detailed Design services estimated to be needed for the decommissioning of the existing headworks facilities.

MODIFICATION NO. 10: \$583,000.00 (EL011289)

This modification provides funding for Preliminary and Detailed Design Services and Services during Construction for digester gas line from the digesters to the Screen and Grit Buildings and to the Service Building to supply digester gas to fuel the boilers, and for new boilers and appurtenances at the Service Building.

MODIFICATION NO. 11: \$582,000.00 (EL012228)

This modification provides construction-phase engineering, start-up and commissioning assistance, and record documentation preparation assistance for the decommissioning of the existing headworks facilities.

9. **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.)**

PROPOSED MODIFICATION NO. 12: \$28,000.00

This modification will provide funding for additional engineering services during construction phase due to various required changes to original construction contract scope of work for the decommissioning of the existing headworks facilities.

10. **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.)**

This Contract Modification No. 12 is a continuation of the services included within the existing contract's scope of service and was anticipated as construction progressed. In a construction project for renovation of existing facilities, changes to contract work are expected and sometimes require a protracted level of services to reconcile a myriad of complex schedule, technical and interface issues. The additional effort required construction-phase engineering, on site, and time critical efforts and commissioning assistance beyond the level of effort originally estimated.

11. **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.)**

In so much as a large portion of this work was planned for and anticipated within the original procurement, and due to the highly complex and technical nature of this wastewater treatment plant infrastructure, it is not reasonable or cost efficient to undertake a new procurement effort to acquire these services. The lengthy process for initiating a new procurement, and for a new entity to gain understanding of the project, would likely cause an unacceptable project delay and additional cost.

12. **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.**

Original Contract	\$ 1,567,500.00
Modification No. 1	\$ 707,500.00
Modification No. 2	\$ 3,060,000.00
Modification No. 3	\$ 122,000.00
Modification No. 4	\$ 50,000.00
Modification No. 5	\$ 3,193,000.00
Cancellation of Mod. 5's Remaining Balance	(\$ 589,954.23)
Modification No. 6	\$ 3,792,000.00
Modification No. 7	\$ 4,614,000.00
Modification No. 8	\$ 280,000.00
Modification No. 9	\$ 697,000.00
Modification No. 10	\$ 583,000.00
Modification No. 11	\$ 582,000.00
Proposed Modification No. 12	\$ 28,000.00
<b>CURRENT PROPOSED TOTAL</b>	<b>\$18,686,045.77</b>

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

A cost proposal was provided by Malcolm Pirnie, Inc. and reviewed by the Division of Sewerage and Drainage and was deemed acceptable. The cost of this contract modification is consistent with the direct labor, overhead, and profit rates established within the original proposal.

**14. Sub-Consultants identified to work on this contract, their contract compliance no. & expiration date, and their status (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR):**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>Status</u>
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See the attached Subcontractor Work Identification Form.

**15. Scope of work for each subcontractor and their estimate of dollar value to be paid.**

See the attached Subcontractor Work Identification Form.

*Note: The Contract should be considered to include any and all work that is anticipated to be awarded to the company awarded the original contract throughout the contract/project timeline. This includes the original contract and any and all future anticipated modifications to the contract to complete the contract/project.*

*Updated as of 4-10-10*