

Information to be included in all Legislation authorizing entering into 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 RFSO.**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>City/State</u>	<u>Status</u>
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2. **What type of bidding process was used (ITB, RFP, RFSO, Competitive Bid).**
3. **List the ranking and order of all bidders.**
4. **Complete address, contact name and phone number for the successful bidder only.**
5. **A full description of all work to be performed including a full description of work to be performed during any known phasing of the contract.**
6. **A narrative timeline for the contract including a beginning date, beginning and ending dates for known phases of the contract and a projected ending date.**
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.**
8. **An estimate of the full cost of the Contract including a separate estimate of any and all phases or proposed future contract modifications.**
9. **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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10. **Scope of work for each subcontractor and their estimate of dollar value to be paid.**

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>
Arcadis U.S. Inc.	570373224 – 7/10/15	Columbus, OH	MAJ

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

RFP

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

1. Arcadis U.S. Inc.

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

Arcadis U.S. Inc.
100 E. Campus View Blvd. Suite 200
Columbus OH 43235
Hazem Gheith 614-985-9229

- 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.**

Overall project scope elements:

1. Update SWMM 5 models developed under the Sewer System Capacity Model – Update 2006 to year 2013 conditions
2. Create new SWMM 5 reduced pipe model (RPM) from updated detailed models
3. Utilize all existing SWMM 5 models and data from the Sewer System Capacity Model Update 2006 project
4. Utilize all available City data (GIS sewer attribute data, atlas maps, other GIS features/layers, flow monitor data, rain gauge data, PARS, MSIUS, etc.)
5. Review and utilize current Inflow/Infiltration study reports and SWMM 5 models (where applicable)
6. Perform rain gauge: review, data collection/editing and rainfall analysis
7. Perform flow monitoring: review, data collection/editing and dry/wet weather flow analysis
8. Develop improved methodology for representing groundwater in the models
9. Update dry weather flow patterns and time series
10. Perform dry weather flow calibrations

11. Update wet weather RDII analysis (e.g. RTK, Initial Abstraction, Recovery parameters)
12. Perform wet weather flow calibrations, and verification/validation
13. Perform field investigations
14. Enhance City GIS sewer attribute data as needed
15. Prepare and deliver various technical reports and memorandum
16. Deliver all collected flow monitor and rainfall data
17. Deliver draft and final SWMM 5 models
18. Provide training of City staff
19. Redefine Long Term Control Plan (LTCP) typical year rainfall
20. Redefine 10 year, 5 year and 2 year level of service
21. Perform various model applications (to be defined in each phase)
22. Support Blueprint Columbus program

These tasks will be realized through completion of the Sewer System Capacity Model – Model Update 2012 through a series of five (5) phases hereinafter referred to as: Year 1, Year 2, Year 3, Year 4 and Year 5.

Work completed to date:

Items 1, 3, 4, 5, 6(ongoing), 7(ongoing), 8(ongoing), 9(ongoing), part of 10, part of 11, part of 12, 13(ongoing), 14(ongoing), 15(ongoing), 19, 20(ongoing), 21(ongoing), 22(ongoing)

6. An updated contract timeline to contract completion.

The original contract funded January 2013 through May 2014. This modification will fund June 2014 through December 2015. Three subsequent modifications are anticipated.

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.

The collection system model, developed and enhanced by the Model Update Project, is the principle tool used to manage the planning and operations of the City's sewer collection system. Enhancement of this tool is vital to minimizing sewer overflows and backups and thereby minimizing negative impacts to the environment caused by the City's sewer system. This contract also is a major component to the City's Blueprint Columbus Clean Waters Strong Neighborhoods program.

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.)

N/A

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.)

Project management, flow monitoring and data management, stormwater system model, integrated plan, Wet Weather Management Plan reevaluation, model applications, real time control, deliverables and Blueprint Columbus Clean Waters Strong Neighborhoods support.

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.)

N/A

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.)

Uninterrupted support of the Blueprint Columbus Clean Waters Strong Neighborhoods program is critical and work completed to date would have to be repeated if this project was rebid.

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 \$4,326,563 EL013911 ord. #2467-2012

This modification \$5,328,048

Year 3 \$3 Million (estimate)

Year 4 \$3 Million (estimate)

Year 5 \$3 Million (estimate)

Total estimated contract \$18,654,611

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

Consultant proposal based on City's requested continuation of original scope of services

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):

Name	C.C. No./Exp. Date		Status
CDM Smith	042473650	5/23/14	MAJ
Dynotec, Inc.	311319961	4/30/15	MBE
Resource International, Inc.	310669793	6/30/15	FBE
AECOM	952661922	10/11/14	MAJ
EmNet	201118177	11/30/14	MBR
HAm	342055263	11/1/14	AFA
Avetin	260836276	11/1/14	ASN
Stantec	112167170	11/6/15	MAJ
ADS	800355805	2/4/16	MAJ

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

CDM Smith \$253,310

Technical advisor, Real Time Control Support & modeling support

Dynotec, Inc. \$317,726

Model support, survey & field investigations, master plan (WWMP) scheduling

Resource International, Inc. \$ 80,220

Groundwater monitoring, survey & field investigations

AECOM	\$ 79,025
Master plan (WWMP) CIP updates	
EmNet	\$ 47,364
Real Time Control support & optimization	
HAm	\$ 44,456
Model enhancement, support & recalibrations	
Avetin	\$ 19,004
Green infrastructure planning	
Stantec	\$77,503
Flow and rain monitoring	
ADS	\$ 50,000
Flow data analysis	

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.

Revised Date: 05-23-11