

**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.</u>	<u>Exp. Date</u>	<u>City/State</u>	<u>Status</u>
Woolpert, Inc.	20-1391406	06/29/11	Columbus, OH	MAJ
EMH&T	31-0685597	09/21/11	Columbus, OH	MAJ
Jones-Stuckey	31-0723296	01/21/11	Columbus, OH	MAJ
Columbus Engineering Consultant	31-0716498	04/22/10	Columbus, OH	AS1
Shaw Weiss & DeNaples	Inactive		Columbus, OH	MAJ
Korda Nemeth	31-0922991	08/26/11	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.**  
The ranking was how they are listed in 1 above.

- 4. The name, address, contact name, phone number and contract number of the firm awarded the original contract.**  
Korda Nemeth Engineering, Inc.  
1650 Watermark Drive, Suite 200  
Columbus, Ohio 43215-1094  
Ronald W. Eifert  
Vendor # 31-0922991  
614-487-1650

- 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 scope of services for these CIPs generally consists of either or both preliminary engineering and design engineering. Preliminary engineering generally consists of reviewing background information, field investigations and surveying, identifying and evaluating alternatives, and report preparation (CIPs 953, 965, and 973). Design engineering generally consists of design phase surveying, easement development, soils investigation, and contract document preparation (CIPs 906, 937, and 964). It is the intent of the City to authorize design engineering for CIPs 953, 965, and 973 under a contract modification. This authorization is contingent upon the Engineer's satisfactory performance during the report phase, the ability to negotiate a satisfactory contract modification, and legislative approval of the contract modification.

A brief description of the location, type of stormwater problems, and tasks that need to be performed for each CIP is listed below. Following the CIP descriptions is a detailed description of each task. Task A17 - Progress Meetings and Progress Reports applies to all six CIPs, with the status of all projects to be discussed at a single progress meeting held each month.

Review background information; perform field investigations and preliminary surveying. Perform hydrologic and hydraulic analysis of the receiving stormwater conveyance system (existing conditions Martin Grove Ditch) at a point just downstream of the project watershed.

Perform hydrologic and hydraulic analysis of the project area stormwater conveyance system (existing and proposed conditions). Compare, analyze, and make recommendations on the impact of the proposed storm sewer improvements on the receiving storm sewer system. Evaluate alternatives (including preliminary construction costs and easement acquisition) to mitigate the flooding. Alternatives to be evaluated shall include, but not be limited to: a) preliminary mitigation concept; b) clean and regrade existing roadside ditches, c) street improvements and new stormwater conveyance system. Alternatives not listed above or combining features of above listed alternatives may be considered. Perform the hydrologic and hydraulic analysis necessary to assist in evaluating the alternatives; evaluate the alternatives; make recommendations; prepare a report detailing all work, assumptions, and findings.

#### Construction Plan Phase

Review background information; perform field investigations and preliminary surveying. Perform hydrologic and hydraulic analysis of the Martin Grove Ditch (existing and proposed conditions). Compare, analyze, and make recommendations on the impact of the proposed Idlewild Drive channel and storm sewer improvements on the previously reconstructed Astor Ditch project. Evaluate and compare alternatives, include estimated construction costs, right-of-way acquisition costs, required permits, etc.

The report for Option B shall include the following major topics:

1. Generate a computer backwater analysis (HEC-2, HEC-RAS, etc) of the Martin Grove Ditch. The backwater analysis shall begin at the I-270 bridge and terminate at the City of Columbus Corporation boundary east of Idlewild Drive. A portion of this area was previously improved under the Astor Ditch project (CC-8780). The analysis shall generate profiles for the 2, 5, 10, and 25 year storm events under existing and future (proposed/recommended) conditions.
2. Address channel erosion issues along the Martin Grove Ditch from the end of the Astor Ditch project to the Columbus corporation boundary. A typical example would be the area west of Manor Drive to Roselawn Avenue. Use of rock channel protection, and/or bioengineering erosion control methods shall be considered on all channel improvement sections.
3. Addition of a detention basin upstream of McNaughten Road shall be considered to mitigate flows downstream of the project area.

Due to the expanded study area, additional surveying (channel cross sections) will be required to verify existing field conditions.

The results of this investigation shall be summarized in a report to this office. The first draft of the report shall be submitted within three (3) months following the Notice to Proceed. Upon approval of the 'Appendix A' report, the recommended alternative for Option B shall be incorporated into the construction drawings.

#### Construction and Post Construction Monitoring Services

This modification will provide additional and specialized construction monitoring services from the consultant and his sub-consultant (Williams Creek Consulting) to verify the work is being constructed per the plans. Wetland construction and mitigation requires specialized expertise during its construction and during the construction maintenance period. The consultant's original contract does not include this specialized oversight which will ensure the following tasks are performed in compliance with the plans and USACE permits:

1. earthmoving activities including proper stripping, stockpiling, and re-installation of topsoil
2. fine grading to ensure proper water levels

3. wetland planting installation
4. contractor compliance with City Of Columbus warranty maintenance period and extended five year City Of Columbus monitoring requirements/obligations per USACE permit.
5. provide specialized wetland scoring/rating of constructed wetland (ORAM scoring, VIBI vegetation index score, HHEI scoring) during site inspections with USACE
6. assist in preparing monitoring reports per USACE requirements
- 7. compliance with City of Reynoldsburg zoning and flood zone permit requirements which requested the City of Columbus to submit Conditional Letter of Map Revision (CLOMR) and Letter of Map Revision (LOMR) to FEMA for the National Flood Insurance Program (NFIP) maps
8. provide funds for FEMA review fees

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

Estimated at six years from NTP date for start of construction as required per USACE Permit.

**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.)**

Original Contract Amount	\$402,095.00	EA004050	610906,610937,610953, 610964, 610965,610973
Modification No. 1	34,000.00	XC819003	610937,610964
Modification No. 2	73,000.00	EL900748	610964,610973
Modification No. 3	251,682.00	EL003124	610953
Modification No. 4	293,947.00	EL003133	610965
Modification No. 5	355,540.00	EL003116	610937
Modification No. 6	352,069.00	EL003138	610973
Modification No. 7	115,467.00	EL003104	610906
Modification No. 8	49,361.00	EL004068	610953
Modification No. 9	23,972.00	EL004625	610937
Modification No. 10	13,524.00	EL007736	610965
Modification No. 11	101,194.00	(This Mod.)	610973

**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.)**

This modification will provide additional and specialized construction monitoring services from the consultant and his sub-consultant (Williams Creek Consulting) to verify the work is being constructed per the plans. Wetland construction and mitigation requires specialized expertise during its construction and during the construction maintenance period. The consultant's original contract does not include this specialized oversight which will ensure the following tasks are performed in compliance with the plans and USACE permits:

1. earthmoving activities including proper stripping, stockpiling, and re-installation of topsoil
2. fine grading to ensure proper water levels
3. wetland planting installation
4. contractor compliance with City Of Columbus warranty maintenance period and extended five year City Of Columbus monitoring requirements/obligations per USACE permit.
5. provide specialized wetland scoring/rating of constructed wetland (ORAM scoring, VIBI vegetation index score, HHEI scoring) during site inspections with USACE

- 6. assist in preparing monitoring reports per USACE requirements
- 7. compliance with City of Reynoldsburg zoning and flood zone permit requirements which requested the City of Columbus to submit Conditional Letter of Map Revision (CLOMR) and Letter of Map Revision (LOMR) to FEMA for the National Flood Insurance Program (NFIP) maps
- 8. provide funds for FEMA review fees
- 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.)**  
The construction of a wetland to meet OEPA and USACE permit requirements was not expected when the original scope was prepared in 1997.

- 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.)**  
The hours and cost involved to acquire a new design consultant to perform specialized wetland construction supervision is not justified.

- 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.**

Original Contract Amount	\$402,095.00
Modification No. 1	34,000.00
Modification No. 2	73,000.00
Modification No. 3	251,682.00
Modification No. 4	293,947.00
Modification No. 5	355,540.00
Modification No. 6	352,069.00
Modification No. 7	115,467.00
Modification No. 8	49,361.00
Modification No. 9	23,972.00
Modification No. 10	13,524.00
Modification No. 11	101,194.00
<b>Total:</b>	<b>\$2,065,851.00</b>

- 12. **An explanation of how the cost of the modification was determined.**  
Detailed engineering estimate submitted by consultant. Labor hours were estimated and associated costs determined.

- 13. **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.</u>	<u>Exp. Date</u>	<u>Status</u>
Williams Creek Consultant	36-4498641	09/02/10	MAJ

- 14. **Scope of work for each subcontractor and their estimate of dollar value to be paid.**  
\$57,600.00 Construction Observation and regulatory monitoring for the Idlewild Drive Stormwater Basin.