

**THIRTEENTH AMENDMENT
TO AGREEMENT**

THIS THIRTEENTH AMENDMENT (the “Thirteenth Amendment”) to the Continuing Contract for Professional Services is made and entered into **this 5th day of December, 2007** by and between the CITY OF NAPLES, a Florida Municipal Corporation (the “City”), and **Tetra Tech, Inc. - Hartman and Associates, Inc.** (the “Consultant”).

WITNESSETH

WHEREAS, the City and the Consultant entered into that certain Continuing **Contract for Professional Services, dated October 1, 2003 (Resolution 03-10207)** (the “Original Agreement”) for **public works/treatment plant processes design services** (‘Project’); and

WHEREAS, the parties desire to amend the Original Agreement by this Thirteenth Amendment **to provide supervisory control and data acquisition (SCADA) system upgrades to the wastewater treatment plant.**

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and in consideration of the mutual covenants, promises and conditions herein set forth, it is hereby acknowledged and agreed as follows:

1. The above recitals are true and correct and are incorporated herein by this Reference.
2. “Article Four, Compensation” shall be amended in accordance with Exhibit “A” attached hereto and incorporated herein for the provision of additional fees by the Contractor **in the amount not-to-exceed \$39,924.23 to provide supervisory control and data acquisition (SCADA) system upgrades to the wastewater treatment plant** (‘Project’).
3. The terms of this twelfth Amendment shall control and take precedence over any and all terms, provisions and conditions of Original Agreement which might vary, contradict or otherwise be inconsistent with the terms and conditions hereof. All of the other terms, provisions and conditions of Original Agreement, except as expressly amended and modified by this Thirteenth Amendment, shall remain unchanged and are hereby ratified and confirmed and shall remain in full force and effect.
4. This Thirteenth Amendment may be executed in any number of counterparts, each of which shall be deemed to be an original as against any part whose signature appears thereon and all of which shall together constitute one and the same instrument.

IN WITNESS WHEREOF, the City and the Consultant have caused this Thirteenth Amendment to be duly executed by their duly authorized officers, all as of the day and year first above written.

CITY:

ATTEST:

CITY OF NAPLES, FLORIDA

By: _____
Tara Norman, City Clerk

By: _____
Interim City Manager

Approved as to form and legal sufficiency:

By: _____
Robert D. Pritt, City Attorney

Tetra Tech, Inc. - Hartman and Associates, Inc.

Witness

By: _____

Name: _____

Title: _____



TETRA TECH

October 29, 2007

Bob Middleton, Utilities Director
City of Naples
380 Riverside Circle
Naples, FL 34102

**Subject: Proposal for City of Naples Wastewater Treatment Plant (WWTP)
Network Maintenance**

Tt#200-08516-08002/File 10.0

Dear Mr. Middleton:

Tetra Tech, Inc. (Tt) is pleased to offer this proposal for maintenance of the City's Wastewater Treatment Plant (WWTP) Network system. The extent of the work will consist of the following:

- Provide installation assistance for installing new network hardware
 - Tetra Tech will assist plant personnel to physically install the network switch equipment.
 - Tetra Tech will need plant assistance with mounting the equipment inside the existing control panels.
- Install & configure new Trihedral VTS Software on client computers, includes 5 computers total.
 - Tetra Tech will provide two software engineers on-site for 32-hours to setup, install, configure and test the new Trihedral software.
 - Enhance Trihedral functionality (includes 24-hours of on-site programming by two Tetra Tech programmers) (Separate trip from above)

Schedule

The services described herein will commence upon receipt of a Notice to Proceed (NTP) from the City. Tt anticipates being able to order the equipment required for installation immediately following issuance of the NTP. Once the equipment has been received at the WWTP, Tt will be prepared to commence the installation, configuring and programming. Based on conversations with suppliers, the equipment should be delivered within 2 weeks of the order date, with installation taking approximately 1 to 2 weeks.



Fees

The professional fee described above will be billed on a lump sum basis, with invoices submitted monthly based on the percent completion of the various tasks, for the work completed during the preceding month. Reimbursable expenses will be a "not-to-exceed" item and are estimated to be \$1,200.00. Reimbursable expenses will be billed monthly with documentation to support the amount requested. The total base fee for this project is \$39,924.23, which includes \$18,065.00 for professional services associated with programming, \$20,659.23 for equipment purchase, and \$1,200.00 for reimbursable expenses. We appreciate the opportunity to provide this proposal and look forward to working with the City on this project. If you have any questions, please give me a call.

Very truly yours,

Tetra Tech, Inc.

Daniel M. Nelson, P.E.
Regional Manager

DMN/200-08516-08002/SCOPE.dmn

Attachment A

Naples - Wastewater Treatment Plant

Network Improvements

Task	Description	Manager VI		Engineer VIII		Administrative Support II		Total Hours	Total Cost
		\$235 /hr	Cost	\$150 /hr	Cost	\$55 /hr	Cost		
		Hours		Hours		Hours			
1	WWTP Control System Upgrade/Maintenance								
	a) Create detailed bill of material	1	\$235	12	\$1,800	1	\$55	14	\$2,090
	b) Provide installation assistance for network hardware	2	\$470	40	\$6,000	1	\$55	43	\$6,525
	c) Install & configure new Trihedral VTS software	2	\$470	32	\$4,800	1	\$55	35	\$5,325
	d) Enhance Trihedral functionality (on-site programming)	2	\$470	24	\$3,600	1	\$55	27	\$4,125
	Total Hours and Cost This Section	7	\$1,645	108	\$16,200	4	\$220	119	\$18,065
	Reimbursables								
	Total Cost This Section								\$1,200
									\$1,200

Equipment Purchase (\$18,781.12 + 10-percent markup = \$20,659.23) \$ 20,659.23

TOTAL FEE FOR THIS PROJECT

\$39,924.23

OPINION OF PROBABLE CONSTRUCTION COST

TETRA TECH

710 Avis Drive, Ann Arbor, MI 48108

Telephone: (734) 665-6000 FAX: (734) 665-2570

PROJECT: Naples Florida WWTP Control Sys. Upgrades

DATE: Updated 10/29/2007

LOCATION: Naples Florida WWTP

PROJECT NO. _____

BASIS FOR ESTIMATE: [] CONCEPTUAL [X] PRELIMINARY [] FINAL

ESTIMATOR: MSJ

WORK: Upgrade Network and Software

CHECKED BY: _____

CURRENT ENR: _____

ITEM NO.	DESCRIPTION	QUANT.	UNIT	UNIT AMOUNT	TOTAL AMOUNT
1	New Generator Control Panel				
2	Cisco 2955C-12 12-port switch (WS-C2955C-12)	2		\$1,499.00	\$2,998.00
3					
4	Transition Networks AUI to 10BaseT Transceivers (E-TBT-MC04)	2		\$80.00	\$160.00
5	Cisco Rack Mounting Kit (STK-RACKMNT-2955)	2		\$89.77	\$179.54
6	RDP Bld. Control Panel				
7	Cisco 2955C-12 12-port switch (WS-C2955C-12)	1		\$1,499.00	\$1,499.00
8	Transition Networks AUI to 10BaseT Transceivers (E-TBT-MC04)	1		\$80.00	\$80.00
9	Cisco Rack Mounting Kit (STK-RACKMNT-2955)	1		\$89.77	\$89.77
10	Old Generator Bld. Control Panel				
11	Cisco 2955C-12 12-port switch (WS-C2955C-12)	1		\$1,499.00	\$1,499.00
12	Transition Networks AUI to 10BaseT Transceivers (E-TBT-MC04)	1		\$80.00	\$80.00
13	Cisco Rack Mounting Kit (STK-RACKMNT-2955)	1		\$89.77	\$89.77
14	Chlorine Bld. Control Panel				
15	Cisco 2955C-12 12-port switch (WS-C2955C-12)	1		\$1,499.00	\$1,499.00
16	Cisco Rack Mounting Kit (STK-RACKMNT-2955)	1		\$89.77	\$89.77
17	Control Room Building				
18	Cisco 2955C-12 12-port switch (WS-C2955C-12)	1		\$1,499.00	\$1,499.00
19	Cisco Rack Mounting Kit (STK-RACKMNT-2955)	1		\$89.77	\$89.77
20	Transition Networks AUI to 10BaseT Transceivers (E-TBT-MC04)	1		\$200.00	\$200.00
21					
22	Misc. Cat-5 Patch Cables	20		\$20.00	\$400.00
23	Fiber Patch Cables	10		\$50.00	\$500.00
24	Cisco Power Adaptor	7		\$290.00	\$2,030.00
25	Misc. Equipment	1		\$500.00	\$500.00
26	Spare Cisco 2955C-12 12-Port Switch	1		\$1,499.00	\$1,499.00
27	Trihedral Software(from Trihedral Quote)				
28	VTS Upgrade Cost From Trihedral	1		\$3,799.50	\$3,799.50
29					
30					
31					
TOTAL CONSTRUCTION COST					\$18,781.12

OPINION OF PROBABLE CONSTRUCTION COST

TETRA TECH

710 Avis Drive, Ann Arbor, MI 48108

Telephone: (734) 665-6000 FAX: (734) 665-2570

PROJECT: Naples Florida WWTP Control Sys. Upgrades
 LOCATION: Naples Florida WWTP
 BASIS FOR ESTIMATE: CONCEPTUAL PRELIMINARY FINAL
 WORK: Upgrade Network and Software
TOTAL COST

DATE: 9/20/2007
 PROJECT NO. _____
 ESTIMATOR: MSJ
 CHECKED BY: _____
 CURRENT ENR: _____

ITEM NO.	DESCRIPTION	QUANT.	UNIT	UNIT AMOUNT	TOTAL AMOUNT
1	HARDWARE & SOFTWARE	1		\$18,781.12	\$18,781.12
2	Hardware Markup (10%)	1			\$1,878.11
3					
4	TETRA TECH INSTALL & PROGRAMMING PRICE	1		\$19,265.00	\$19,265.00
5					
#REF!					
TOTAL CONSTRUCTION COST					\$39,924.23