

**Lee County Board Of County Commissioners
Agenda Item Summary**

Blue Sheet No. 20050106

1. REQUESTED MOTION:

ACTION REQUESTED: Approve Supplemental Task Authorization (STA) No. 3, Contract 2482, with TKW Consulting Engineers, Inc., under CN-03-07, Countywide Engineering Services, in the not-to-exceed amount of \$113,500.00 for the design engineering of the Ash Building Addition at the Waste to Energy Facility.

WHY ACTION IS NECESSARY: Board approval required.

WHAT ACTION ACCOMPLISHES: Provides the County with engineering/design services for the planned addition to the ash storage building at the waste to energy facility.

2. DEPARTMENTAL CATEGORY:
COMMISSION DISTRICT #: 5

C8D

3. MEETING DATE:

02-08-2005

4. AGENDA:

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED:

5. REQUIREMENT/PURPOSE:
(Specify)

- STATUTE
- ORDINANCE
- ADMIN. CODE AC-4-4
- OTHER

6. REQUESTOR OF INFORMATION:

- A. COMMISSIONER
- B. DEPARTMENT Public Works
- C. DIVISION Solid Waste
- BY: Lindsey J. Sampson

Lindsey J. Sampson 1-26-05

7. BACKGROUND:

The planned expansion of the waste to energy facility requires that the ash storage building also be enlarged in order to provide for the increased production of ash residue. The Division recommends that the ash building project to be designed and built as a separate project from the facility expansion utilizing local engineering and construction companies, if practicable. In this manner the ash building engineering and construction will move forward independently thus saving time.

Since the Division received only one proposal (from TKW Consulting Engineers, Inc.) when this project was advertised using the 'Competitive Negotiations' process, it is recommended to award the design/engineering services to TKW using the Countywide Misc. Engineering Services contract. TKW has fully demonstrated its capability in performing this type of engineering design service.

Funds are available in the following account string 20092340102.
Attachments: Three (3) original STA#3 for execution by Chairman.

8. MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL:

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
					OA	OM	Risk	GC	
<i>Stander 1-26-05</i>	<i>[Signature] 1/26/05</i>	N/A		<i>[Signature] 1/26/05</i>	<i>[Signature] 1/26/05</i>	<i>[Signature] 1/26/05</i>	<i>[Signature] 1/26/05</i>	<i>[Signature] 1/26/05</i>	<i>Stander 1-26-05</i>

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

Rec. by CoAtty
Date: *1/26/05*
Time: *1:03*
Forwarded To: *[Signature]*

RECEIVED BY
COUNTY ADMIN: *[Signature]*
1/26/05
4:10 PM SLW
COUNTY ADMIN
FORWARDED TO: *[Signature]*
1/26/05
4:11

LEE COUNTY PROFESSIONAL SERVICE/SERVICE PROVIDER AGREEMENT
CHANGE ORDER/SUPPLEMENTAL TASK AUTHORIZATION

Change Order
 Supplemental Task Authorization

NO.: 3

(A Change Order or Supplemental Task Authorization Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners for Expenditures over \$50,000)

CONTRACT/PROJECT NAME: Waste to Energy Ash Building Addition

CONSULTANT: TKW Consulting Engineers, Inc.

PROJECT NO.: 200923

SOLICIT NO.: CN 03-07

CONTRACT NO.: 2482 ACCOUNT NO.: 20092340102

REQUESTED BY: Lindsey Sampson, P.E.

DATE OF REQUEST: December 3, 2004

Upon the completion and execution of this Change Order or Supplemental Task Authorization by both parties the Consultant/Provider is authorized to and shall proceed with the following:

EXHIBIT "CO/STA-A: SCOPE OF PROFESSIONAL SERVICE: DATED: December 3, 2004

EXHIBIT "CO/STA-B: COMPENSATION & METHOD OF PAYMENT: DATED: December 3, 2004

EXHIBIT "CO/STA-C: TIME AND SCHEDULE OF PERFORMANCE: DATED: December 3, 2004

EXHIBIT "CO/STA-D: CONSULTANT'S/PROVIDERS ASSOCIATED
SUB-CONSULTANT(S)/SUB-CONTRACTORS: DATED: December 3, 2004

EXHIBIT "CO/STA-E: PROJECT GUIDELINES AND CRITERIA: DATED: December 3, 2004

It is understood and agreed that the acceptance of this modification by the CONSULTANT/PROVIDER constitutes an accord and satisfaction.

RECOMMENDED:

By: [Signature] 1-26-05
Department Director Date

By: [Signature] 1/26/05
Contracts Mgmt Date

APPROVED:

By: _____
*County Attorney's Office Date

*County Attorney signature needed
for over Board level expenditures only.

ACCEPTED:

By: [Signature]
Consultant/Provider

Date Accepted: 1-24-05

Corporate Seal

COUNTY APPROVAL:

By: _____
Department Director
(Under \$25,000)
Date Approved: _____

By: _____
County Manager (Between
(\$25,000 and under \$50,000)
Date Approved: _____

By: _____
Chairman
Board of County Commissioners
Date Approved: _____

CHANGE ORDER AGREEMENT No. _____

or

SUPPLEMENTAL TASK AUTHORIZATION No. 3

EXHIBIT "CO/STA-A"

Date: December 3, 2004

SCOPE OF PROFESSIONAL SERVICES

for General Engineering Services for the Project Known as WTE Ash Building Addition
(Enter Project Name from Page 1 of the
Change Order or Supplemental Task Authorization)

SECTION 1.00 CHANGE(S) TO PROFESSIONAL SERVICES

The "Scope of Professional Services" as set forth in Exhibit "A" of the Professional Services Agreement, or Service Provider Agreement, referred to hereinbefore is hereby supplemented, changed or authorized, so that the CONSULTANT or SERVICE PROVIDER, shall provide and perform the following professional services, tasks, or work as a supplement to, change to, or authorized to, the scope of services previously agreed to and authorized:

See Attachment 1 to Exhibit "CO/STA-A"

*Attach additional pages, if needed.

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Attachment 1 to Exhibit "CO/STA-A"

**Lee County Solid Waste Division
WTE Ash Building Addition**

Scope of Professional Service

TKW Consulting Engineers (the "Consultant") will provide Services consisting of Civil Engineering, Structural Engineering services and Surveying (Surveying provided through TKW as a sub-consultant). TLC Engineering, as a sub-consultant to TKW, will provide Mechanical and Electrical Engineering Services. All services are provided as outlined below.

TKW will provide the following services:

- Survey: Provide Horizontal and vertical survey information for building addition, roadway revisions, and drainage revisions, including the HV transmission line and its easement in the vicinity of the Ash Building. Prepare an existing conditions survey of the proposed area addition.
- Civil: Provide roadway and drainage design for building additions.
- Structural: Provide Structural design of 2,000 square foot truck loading area expansion, a 2,400 square foot building expansion, and a 480 square foot non-ferrous metal storage bunker. In addition, there will be modifications of the existing structure that include adding concrete push walls, revising and adding conveyors and their support, and removing existing building columns if possible. It is intended to reuse the existing roof structure over the non-ferrous metal storage bunker.

TKW shall include the following:

1. TKW will use Covanta Energy's specifications and design practices for this Project.
2. TKW will provide all required new specifications to Covanta and the County for review, comment and approval for any new materials and/or construction practices TKW intends to use on this Project.
3. The design basis for this Project will be at least equivalent to the existing Project.
4. A simple sketch showing the conceptual modifications, including the placement of the addition on the site (showing relationships to existing adjacent onsite structures), all new walls and structural supports will be provided.
5. The required equipment access platforms will be provided in order to properly operate and maintain the new conveyors.

6. A new egress door, platform and ladder will be provided on the North side of the ash compartment.
7. The new Ash conveyor will be reversible to allow the ash to be directed either into the existing ash bunker or the new ash bunker. TKW will coordinate with Lee County and Covanta.
8. The existing building floor as well as the new compartments will be sloped to the storage piles, and the existing building trenches filled.
9. Sloped Curbs (Speed Bumps) will be provided at the doors to prevent water from leaving the building.
10. Bollards will be provided on both the inside and the outside of the roll-up doors to protect the doors from impact by vehicles.
11. All existing steel columns not removed will be protected/isolated against impact from operational equipment, (aka front end loader) via concrete protection.
12. The location and height of the new concrete push walls added on the existing structure and in the new additions, as specified by the County and Covanta.
13. The design, sizing criteria and location of the new non-ferrous bunker, as specified by County and Covanta.
14. Provision of all required civil and structural drawings, calculations and support services to obtain local building permits.
15. The consultant and sub consultants will review and approve (or approve as noted or reject as noted) shop drawings for materials and equipment specified for such approval in the contract documents. The County Project Manager will transmit the shop drawings to the consultant. The Construction Manager will track and keep records of each shop drawing submittal approved.
16. Hold Bi-weekly meetings with project design team (including Covanta and Lee County)
17. TKW will provide base drawings for sub consultants. The consultant will responsible for identifying and eliminating conflicts in design and on the drawings prepared by the consultant and sub consultant.
18. The Consultant will make periodic field inspections and assist the project manager as needed during the construction. The consultant will assist the project manager with resolution of any issues that arise from time to time during construction. The consultant will assist the project manager with final inspections and preparation of final punch list and resolution.
19. As-built record drawings containing the latest version of all drawings and surveys used for the project on compact disk.

TLC will provide the following services:

MEP: The scope of work shall include Professional MEP Engineering services for the addition of approximately 2,000 square feet truck loading area, 2,400 square feet of building, and 480 square feet non-ferrous metal storage bunker. In addition to the new construction, TLC shall also provide MEP drawings to support the modifications required to the existing structure with regard to the removal and/or relocation of the

existing electrical and limited energy systems, as well as service air and water systems.

Detailed demolition and phasing drawings shall be provided to facilitate the continuing operation of the existing facility during the construction. In addition to the work included above, the design documents shall also include electrical provisions for two new conveyors. Work on the site shall be limited to modifications required to the existing street lighting system, and irrigation system, as it relates to the impact of the project.

TLC shall also include the following:

1. Review of the existing structure, MEP systems and operation of the ash Storage building and the original drawings.
2. Design modifications to the existing MEP components of the building to accommodate the expanded and structural features, in accordance with Covanta specifications and design practices.
3. Design changes to the roadway lighting near the ash building, required by changes in the existing roadway.
4. Design of MEP components, particularly for the environmental conditions and operations within the building. Design basis of said components to be equivalent to existing, or as specified by County or Covanta.
5. Electrical services and lighting for new-elevated platforms, walkways, ladders, stairs etc. as necessary and design modifications to existing platforms.
6. Design of electrical and instrumentation services for ash-handling and conveying systems as necessary for the intended operations. TLC's design will include running the new control wiring back to the DCS cabinet in the main control room and coordinated with the appropriate electrical engineering issues related to cabling and conduits/trays. Prior to beginning design for instrumentation and control modifications, TLC will verify that there is sufficient spare I-O points available to support the project.
7. TLC will provide digital control logic diagrams for implementation/integration of the necessary control logic within the existing DCS controller. This will include a review of the existing controls to identify any tie-ins or sequential interlocking.
8. Control capabilities of the revised ash system shall be equivalent (identical) to the existing system (i.e. local/remote control, sequential auto start, etc.).
9. TLC's design will follow Covanta standard control logics wherever possible.
10. TLC will provide a modified DCS graphic drawing/description to include the additional ash conveyors being controlled.
11. TLC will provide a list of additional I-O points (instrument list) that reflects the modifications required by this project, so that list may be incorporated into the existing tag database of the existing operator interface stations.
12. TLC will follow the existing equipment and tag (I/O device) naming convention being used for the facilities existing ash-building conveyors.

13. TLC will provide for the implementation of all necessary logic changes in the DCS required by this project as well as modify the facility's existing console graphics and databases to reflect incorporation of this project, as specified by the County and Covanta.
14. Design of service water, service air, irrigation relocation, electrical and control services, drain components, etc... to support the operations of the ash storage facility.
15. Design expansion/modifications of MEP components such that construction can be completed with minimal impact on existing operations.
16. Provision of required MEP documents and support services to obtain local building permits.
17. Provision of all documents in electronic format, necessary for the county to bid the construction services. TLC shall provide new specifications to Covanta and the County for review, comment and approval for any new materials and/or construction practices TLC intends to use.
18. Provision of engineering and design support and services during construction.
19. Upon acceptance of MEP scope of work and receipt of TKW conceptual sketch, TLC shall provide conceptual modifications for the above referenced project.

Services specifically excluded from the Consultants scope are: soil investigation, geotechnical engineering. Fire sprinklers, engineering services which are normally provided by Specialty Engineers, printing and distribution of drawings for bidding and/or construction, cost estimating, in depth examination of alternative systems and architectural design/detailing responsibilities (except where services are required for obtaining local building permits).

The following sub-consultants will be utilized for portions of the project as shown below:

Mechanical, Electrical, Plumbing:

TLC Engineering, Inc.
1400 Colonial Blvd., Suite 203
Fort Myers, Florida 33907
(239) 275-4240
Fax: 275-3511

Lee County and Covanta Energy will provide TKW and TLC with access to all current/existing structural, mechanical. Electrical and control drawings and a copy of Covanta's specifications and design practices.

The owner is responsible for providing TKW and TLC with access to all current/existing structural, mechanical, electrical and control drawings and a copy of Covanta's specifications and design practices.

Our estimated fee for the proposed scope of work is:

Survey by TKW	\$ 3,500.00
Civil by TKW	\$ 17,000.00
Structural by TKW	\$ 46,000.00
MEP by TLC	\$ 35,500.00
Total	\$102,000.00

Additional or extra services will be billed at the following hourly rates:

Principal	\$175.00 /Hour	Design Engineer	\$75-95.00/Hour
Project Manager	\$110-150.00 /Hour	Designer/CADD Operator	\$55-90.00/Hour
Project Engineer	\$95-125.00 /Hour	Clerical	\$50.00 /Hour

Reimbursable expenses will be billed at a multiple of 1.10 times our direct cost.

We understand that the scope of services outlined here must be performed in accordance with the terms of Lee County Professional Services Agreement, which will be provided by the owner.

We look forward to the opportunity to work with you on this project. In the meantime if you have any questions or need further information, please call me.

Sincerely,
 TKW CONSULTING ENGINEERS, INC.



Shawn Anderson, P.E., S.E.
 President

X 202

04233.00 Lee County Ash Building Addition		Project Manager	Project Engineer	CAD Designer	Survey Crew	Total	Total
	Rate:	\$130	\$110	\$75	\$100	Hours	
Survey - Existing Conditions Survey							
Phase One - Pre-Schematic Design		4		16	20	40	\$ 3,720
	Horizontal and vertical survey					0	\$ -
	Building, roadway, drainage,					0	\$ -
	HV transmission line and easement					0	\$ -
Phase Two - Schematic Design						0	\$ -
Phase Three - Design Development						0	\$ -
Phase Four - Construction Documents						0	\$ -
Phase Five - Bid / Negotiation						0	\$ -
Phase Six - Construction Administration						0	\$ -
Phase Seven - Post Construction						0	\$ -
Total:		4	0	16	20	40	\$ 3,720
						say:	\$ 3,500
Civil - Roadway and Drainage Design							
Phase One - Pre-Schematic Design		4	4	4		12	\$ 1,260
Phase Two - Schematic Design		2	4	4		10	\$ 1,000
Phase Three - Design Development		2	4	8		14	\$ 1,300
Phase Four - Construction Documents		4	40	80		124	\$ 10,920
Phase Five - Bid / Negotiation						0	\$ -
Phase Six - Construction Administration		4	20			24	\$ 2,720
Phase Seven - Post Construction						0	\$ -
Total:		16	72	96	0	184	\$ 17,200
						say:	\$ 17,000
Structural - Building Addition							
Phase One - Pre-Schematic Design		16	0	0		16	\$ 2,080
	1 Building design	8					
	2 Revise / add conveyors	8					
	3 Review / provide Covanta specifications						
Phase Two - Schematic Design		10	0	12		22	\$ 2,200
	1 Building design	6		6			
	2 Revise / add conveyors	4		6			
	3 Review / provide Covanta specifications						
Phase Three - Design Development		12	16	24		52	\$ 5,120
	1 Building design	6	8	12			
	2 Revise / add conveyors	4	6	12			
	3 Review / provide Covanta specifications	2	2				
Phase Four - Construction Documents		36	120	180		336	\$ 31,380
	1 Building design	16	60	120			
	2 Revise / add conveyors	16	40	60			
	3 Review / provide Covanta specifications	4	20				
Phase Five - Bid / Negotiation		4	2			6	\$ 740
Phase Six - Construction Administration		4	32			36	\$ 4,040
Phase Seven - Post Construction		2	2	8		12	\$ 1,080
Total:		84	172	224	0	480	\$ 46,640
						say:	\$ 46,600

04233.00 Lee County Ash Building Addition		Project Manager	Project Engineer	CAD Designer	Survey Crew	Total Hours	Total
Rate:		\$130	\$110	\$75	\$100		
Survey - Existing Conditions Survey							
Phase One - Pre-Schematic Design		4		16	20	40	\$ 3,720
Horizontal and vertical survey						0	\$ -
Building, roadway, drainage, HV transmission line and easement						0	\$ -
Phase Two - Schematic Design						0	\$ -
Phase Three - Design Development						0	\$ -
Phase Four - Construction Documents						0	\$ -
Phase Five - Bid / Negotiation						0	\$ -
Phase Six - Construction Administration						0	\$ -
Phase Seven - Post Construction						0	\$ -
Total:		4	0	16	20	40	\$ 3,720
						say:	\$ 3,500
Civil - Roadway and Drainage Design							
Phase One - Pre-Schematic Design		4	4	4		12	\$ 1,260
Phase Two - Schematic Design		2	4	4		10	\$ 1,000
Phase Three - Design Development		2	4	8		14	\$ 1,300
Phase Four - Construction Documents		4	40	80		124	\$ 10,920
Phase Five - Bid / Negotiation						0	\$ -
Phase Six - Construction Administration		4	20			24	\$ 2,720
Phase Seven - Post Construction						0	\$ -
Total:		16	72	96	0	184	\$ 17,200
						say:	\$ 17,000
Structural - Building Addition							
Phase One - Pre-Schematic Design		16	0	0		16	\$ 2,080
1 Building design		8					
2 Revise / add conveyors		8					
3 Review / provide Covanta specifications							
Phase Two - Schematic Design		10	0	12		22	\$ 2,200
1 Building design		6		6			
2 Revise / add conveyors		4		6			
3 Review / provide Covanta specifications							
Phase Three - Design Development		12	16	24		52	\$ 5,120
1 Building design		6	8	12			
2 Revise / add conveyors		4	6	12			
3 Review / provide Covanta specifications		2	2				
Phase Four - Construction Documents		36	120	180		336	\$ 31,380
1 Building design		16	60	120			
2 Revise / add conveyors		16	40	60			
3 Review / provide Covanta specifications		4	20				
Phase Five - Bid / Negotiation		4	2			6	\$ 740
Phase Six - Construction Administration		4	32			36	\$ 4,040
Phase Seven - Post Construction		2	2	8		12	\$ 1,080
Total:		84	172	224	0	480	\$ 46,640
						say:	\$ 46,600

Mike Avoglia - Lee County Ash Building Addition

From: Jim Lange <jiml@tkwonline.com>
To: "Mike Avoglia (avoglims@leegov.com)" <avoglims@leegov.com>
Date: 12/20/2004 5:58 PM
Subject: Lee County Ash Building Addition
CC: Eric Sandoval PSM <ERICs@tkwonline.com>, Joe Gilberti <Joeg@tkwonline.com>, Shawn Anderson <Shawna@tkwonline.com>, "david.southwick@tlc-eng.com" <david.southwick@tlc-eng.com>

Mike,
Here's the Excel spreadsheet showing the TKW work effort for survey, civil and structural.
Regarding the TLC fee: There's an error in the TLC spreadsheet. The Tech I rate is calculated at \$1/hr, not \$50/hr. The number in our July 27 proposal reflects the correct rate. Dave Southwick is aware of the change.
Call if you have questions.
Jim

James T. Lange, P.E.
Senior Structural Engineer

TKW CONSULTING ENGINEERS, INC.
CIVIL · STRUCTURAL · ENVIRONMENTAL · SURVEY

5621 Banner Drive
Fort Myers, FL 33912

239.278.1992 (P)
239.278.0922 (F)
239.839.2418 (C)
www.TKWONLINE.com

CHANGE ORDER AGREEMENT No.
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 3_

EXHIBIT "CO/STA-B"

Date: Dec. 3, 2004

COMPENSATION AND METHOD OF PAYMENT

for Waste to Energy Ash Building Addition

(Enter Project Name from Page 1 of the
Change Order or Supplemental Task Authorization)

SECTION 1.00 CHANGE(S) IN COMPENSATION

The compensation the CONSULTANT, or SERVICE PROVIDER, shall be entitled to receive for providing and performing the supplemented, changed or authorized services, tasks, or work as set forth and enumerated in the Scope of Services set forth in this CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto shall be as follows:

NOTE: A Lump Sum (L.S.) or Not-to-Exceed (N.T.E.) amount of compensation to be paid the CONSULTANT should be established and set forth below for each task or sub-task described and authorized in Exhibit "S/COA-A". In accordance with Professional Services Agreement Article 5.03(2) "Method of Payment", tasks to be paid on a Work-in-Progress payment basis should be identified (WIPP).

Task Number	Task Title	Amount of Compensation	Indicate Basis of Compensation LS or NTE	If Applicable Indicate (W.I.P.P.)
100	Survey	\$3,500.00	E.S.	W.I.P.P.
200	Civil Services	\$17,000.00	E.S.	W.I.P.P.
300	Structural Services	\$46,000.00	E.S.	W.I.P.P.
400	Mechanical, Electrical, Plumb. Services	\$35,500.00	E.S.	W.I.P.P.
500	ADDITIONAL RELATED SERVICES, REQUIRES WRITTEN SCOPE AND WRITTEN COUNTY AUTHORIZATION. <i>L.S.</i>	\$11,500.00	E-S	WIPP
TOTAL		\$102,000.00	NTE	

(Unless list is continued on next page)

\$ 113,500.00

L.S.

B1 of B2

CHANGE ORDER AGREEMENT No. _____

SUPPLEMENTAL TASK AUTHORIZATION No. 3

SECTION 2.00 SUMMARY OF CHANGE(S) IN COMPENSATION

Pursuant to and in consideration of the change(s) in the Scope of Professional Services set forth in the CHANGE ORDER or AGREEMENT, Exhibit "CO/STA-A", the compensation the COUNTY has previously agreed to pay to the CONSULTANT, or SERVICE PROVIDER, as set forth in Exhibit "B" of the Professional Services Agreement, or Service Provider Agreement, shall be changed to be as follows:

Section/Task Number	Section/Task Name	Compensation In the Basic Agreement	Adjustment(s) by Previous CO or STA Nos. _____	Adjustment(s) Due to this CO or STA	Summary of Changed Compensation
Ash Building	All Tasks	\$102,000.00 \$113,500.00			\$102,000.00 \$113,500.00
		2/5			2/5
STA 1+2			102,840.00		102,840.00
					\$113,500.00
TOTAL			102,840.00		\$102,000

216,340.00
CL

CHANGE ORDER AGREEMENT No. _____
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 3

EXHIBIT "CO/STA-C"

Date: December 3, 2004

TIME AND SCHEDULE OF PERFORMANCE

for Waste to Energy Ash Building Addition

(Enter Project Name from Page 1 of the Change Order or Supplemental Task Authorization Agreement)

SECTION 1.00 CHANGES FOR THIS CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT

The time and schedule of completion for the various phases or tasks required to provide and perform the services, tasks, or work set forth in this CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", entitled "Scope of Professional Services" attached hereto is as follows:

Phase and/or Task Reference as Enumerated in EXHIBIT AA@	Name or Title of Phase and/or Task	Number of Calendar Days For Completion of Each Phase and/or Task	Cumulative Number of Calendar Days For Completion from Date of Notice to Proceed For this CO or STA
Task 100	Survey	15	15
Task 200	Civil Services	30	45
Task 300	Structural Services	45	45
Task 400	Mechanical, Electrical, Plumb. Services	30	51

CHANGE ORDER AGREEMENT No. _____

SUPPLEMENTAL TASK AUTHORIZATION No. 3

EXHIBIT "CO/STA-C"

Date: December 3, 2004

TIME AND SCHEDULE OF PERFORMANCE

for Waste to Energy Ash Building Addition

(Enter Project Name from Page 1 of the Change Order or Supplemental Task Authorization Agreement)

SECTION 2.00 SUMMARY OF THE IMPACT OF CHANGE(S) IN PROFESSIONAL SERVICES ON THE OVERALL PROJECT TIME AND SCHEDULE OF PERFORMANCE

Pursuant to and in consideration of the changes in the Scope of Professional Services in this CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", the time and schedule the COUNTY and the CONSULTANT, or SERVICE PROVIDER, has previously agreed to for all of the work to be done under this Professional Services Agreement, or Service Provider Agreement, shall be changed to be as follows:

Phase and/or Task Reference as Enumerated in EXHIBIT >A= and EXHIBIT >CO/STA-A=	Name or Title of Phase and/or Task	Number of Calendar Days For Completion of Each Phase and/or Task	Cumulative Number of Calendar Days For Completion From Date of Notice to Proceed
	N/A		

CHANGE ORDER AGREEMENT No. _____

or
 SUPPLEMENTAL TASK AUTHORIZATION No. 3

EXHIBIT "CO/STA-D"

Date: December 3, 2004

CONSULTANT'S, OR SERVICE PROVIDER'S, ASSOCIATED SUB-CONSULTANT(S) AND SUBCONTRACTOR(S)

for Waste to Energy Ash Building Addition

(Enter Project Name from Page 1 of the
Change Order or Supplemental Task Authorization Agreement)

CONSULTANT, or SERVICE PROVIDER, intends to engage the following sub-consultant(s) and/or sub-contractor(s) to assist the CONSULTANT, or SERVICE PROVIDER, in providing and performing the services, tasks, or work required under this CHANGE ORDER, or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT.

(If none, enter the word "none" in the space below.)

Service and/or Work to be Provided or Performed	Name and Address of Individual or Firm	Disadvantaged, Minority or Women Business Enterprise, (If Yes, Indicate Type)			Sub-Consultant Services are Exempted from Prime Consultant's Insurance Coverage	
		Yes	No	Type	Yes	No
Surveying	TKW Consulting Engineers 5621 Banner Drive, Fort Myers FL 33912	X		WBE	X	
Civil Engineering Services	TKW Consulting Engineers 5621 Banner Drive, Fort Myers FL 33912	X		WBE	X	
Structural Engineering Services	TKW Consulting Engineers 5621 Banner Drive, Fort Myers FL 33912	X		WBE	X	
Mechanical Electrical & Plumbing Engineering Services	TLC Engineering, Inc. 1400 Colonial Blvd. Suite 203 Fort Myers, Florida 33907		X		X	

CHANGE ORDER AGREEMENT No. _____

or

SUPPLEMENTAL TASK AUTHORIZATION No. 3

EXHIBIT "CO/STA-E"

Date: December 3, 2004

PROJECT GUIDELINES AND CRITERIA

for Waste to Energy Ash Building Addition

(Enter Project Name from Page 1 of the
Change Order or Supplemental Task Authorization Agreement)

As a supplement, or change, to the Project Guidelines and Criteria set forth in the Professional Services Agreement, or Service Provider Agreement, Exhibit "E", the COUNTY has established the following Guidelines, Criteria, Goals, Objectives, Constraints, Schedule, Budget, and/or Requirements which shall serve as a guide to the CONSULTANT, or SERVICE PROVIDER, in performing the professional services, tasks, or work to be provided pursuant to the professional services set forth hereinbefore in CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto:

(If none, enter the word "None" in the space below.)

ITEM No. 1

NONE