

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

Blue Sheet No. 20031244

1. REQUESTED MOTION:

ACTION REQUESTED: Approve for acceptance and filing with the Clerks Office, Minutes Department, an after-the-fact emergency under E-03-08, GES Resolution No. 03-07-08 for STA No. 5, Miscellaneous Utility Engineering Design and/or Inspection Services, to TKW Consulting Engineers Inc., (Contract No. 1862), for the Gateway Wastewater Facilities Improvements, in the amount of \$596,400.00.

WHY ACTION IS NECESSARY: Board approval is required.

WHAT ACTION ACCOMPLISHES: Provides after-the-fact approval under the emergency GES Resolution for STA No. 5 for the project known as the Gateway Wastewater Facilities Improvements.

2. DEPARTMENTAL CATEGORY:

10. Utilities
COMMISSION DISTRICT #:

C10E

3. MEETING DATE:

11-18-2003

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 *Utilities*
- BY: *Rick Diaz, Director*

[Signature]
10/28/03

7. BACKGROUND:

On July 1, 2003, under Blue Sheet No. 20030669, Administrative Agenda A12a, the Board approved to declare a limited, temporary, emergency by Resolution No. 03-07-08 for the GES System acquisition, which requires certain, immediate and necessary improvements, for the protection and convenience of the GES assets and customers.

Supplemental Task Authorization No.5, (Contract No. 1862), under CN-01-11 Miscellaneous Utility Engineering Design, for the project known as the Gateway Wastewater Facilities Improvements to TKW Consulting Engineers, in the amount of \$596,400.00 has already been executed by the Chairman of the Board as allowed by Resolution and now requires after-the-fact approval.

Funds are available in Account 20713148734.506510 & 20700048730.506510

Attachment: 1. Copy of executed STA No. 5

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>J. Jander</i> <i>10-29-03</i>	<i>[Signature]</i>	N/A	<i>BAD</i> <i>10/23/03</i>	<i>[Signature]</i> <i>10/25/03</i>	<i>[Signature]</i> <i>10-29-03</i>	<i>[Signature]</i> <i>10/30/03</i>	<i>[Signature]</i> <i>10/29/03</i>	<i>[Signature]</i> <i>10-29-03</i>	<i>J. Jander</i> <i>10-23-03</i>

10. COMMISSION ACTION:

- _____ APPROVED
- _____ DENIED
- _____ DEFERRED
- _____ OTHER

Rec. by CoAtty
Date: *10/28/03*
Time: *3:05 pm*
Forwarded to:
City Admin
10-28-03

RECEIVED BY
COUNTY ADMIN: *[Signature]*
10/29/03
4:20 pm
COUNTY ADMIN
FORWARDED TO:
10/30/03

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

Change Order
 Supplemental Task Authorization

NO.: 5

(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: Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities Improvements

CONSULTANT: TKW CONSULTING ENGINEERS, INC. PROJECT NO.: 20713148730.506510
20700048730.506510

SOLICIT NO.: CN-01-11 CONTRACT NO.: 1862 ACCOUNT NO.: _____

REQUESTED BY: Utilities DATE OF REQUEST: _____

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: September 29, 2003

EXHIBIT "CO/STA-B": COMPENSATION & METHOD OF PAYMENT: DATED: September 29, 2003

EXHIBIT "CO/STA-C": TIME AND SCHEDULE OF PERFORMANCE: DATED: September 29, 2003

EXHIBIT "CO/STA-D": CONSULTANT'S/PROVIDERS ASSOCIATED SUB-CONSULTANT(S)/SUB-CONTRACTORS: DATED: September 29, 2003

EXHIBIT "CO/STA-E": PROJECT GUIDELINES AND CRITERIA: DATED: September 29, 2003

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

RECOMMENDED: [Signature]
By: _____
Department Director Date

ACCEPTED: [Signature]
By: _____
Consultant/Provider

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

By: [Signature] 10/13/03
Contracts Mgmt Date

Date Accepted: 9-29-03

APPROVED:
By: _____
*County Attorney's Office Date



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

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

By: [Signature]
Chairman
Board of County Commissioners
Date Approved: _____

- CHANGE ORDER AGREEMENT No.
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 5

EXHIBIT "CO/STA-A"

Date: September 29, 2003

SCOPE OF PROFESSIONAL SERVICES

for Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities Improvements

(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:

Gateway Wastewater Facilities Improvements includes the following:

TASK 1.00 – Technical Studies and Reports

Gateway Wastewater Treatment Plant

Prepare Conceptual Design for Gateway Wastewater Treatment Plant Upgrade and Expansion in three Phases as follows:

Phase 1: 2.0 MGD

Phase 2: 4.0 MGD

Phase 3: 6.0 MGD

The Conceptual Design will include the following facilities:

Raw wastewater screening;

Grit Removal;

Sanitaire ABJ ICEAS Sequencing Batch Reactors;

Effluent filtration;

High Level Disinfection;

Reuse Water Storage and Pumping;

Reject Water Storage;

Bio-solids Processing;

Odor Control;

Emergency Power, Switchgear, and Motor Control Center; and

Laboratory, Operations, and Maintenance Areas.

Evaluate the following considering initial cost, operating cost, land requirements, performance experience and maintenance experience in Lee County Utilities facilities, and adaptability to staged construction:

- Raw wastewater screening;
- Grit Removal; and
- Effluent filtration.

Review ABJ ICEAS SBR process data and assumed wastewater process constants will relative to experienced Florida values.

Determine disinfection system requirements for each Phase of the Gateway Wastewater Treatment Plant development (2 MGD, 4 MGD, and 6 MGD) based on high rate disinfection and purchased sodium hypochlorite. Determine existing chlorine contact tank capacity. Determine chlorine contact tank capacity required for each wastewater treatment plant development Phase. Determine additional chlorine contact tank capacity required for each Phase. Evaluate alternative chlorine contact tank arrangements to reduce land use requirements.

Evaluate existing reuse disposal, storage, and pumping capacity. Determine reuse disposal, storage, and pumping capacity requirements for each Phase of the Gateway Wastewater Treatment Plant development (2 MGD, 4 MGD, and 6 MGD). Determine additional reuse disposal, storage, and pumping capacity required for each Phase. If additional reuse disposal capacity is required, identify and discuss potential additional disposal site and alternative disposal methods.

Evaluate existing reject water storage capacity. Determine reject water storage capacity required for each Phase of the Gateway Wastewater Treatment Plant development (2 MGD, 4 MGD, and 6 MGD). Determine additional reject water storage capacity required for each Phase.

Evaluate bio-solids processing. Review requirements for bio-solids treatment. Consider two-stage digestion with thickening and other feasible alternatives. Evaluate disposal cost for thickened sludge and cost for bio-solids dewatering.

Evaluate odor control for pretreatment, wastewater process, and bio-solids processing. The evaluation will consider initial cost, operating cost, land requirements, performance and maintenance experience in Lee County Utilities facilities, and adaptability to staged construction.

Evaluate electrical systems for reliability and code conformance. Determine electrical system requirements, including emergency power, for each Phase of the Gateway Wastewater Treatment Plant development (2 MGD, 4 MGD, and 6 MGD). Determine electrical system improvements required for each wastewater treatment plant development Phase.

Evaluate instrumentation for conformance to regulatory requirements and Lee County Utilities Standards. Determine instrumentation improvements required for each wastewater treatment plant development Phase.

Electrical systems requirements and instrumentation and control requirements will also be included in the evaluation of each alternative wastewater treatment process.

Develop laboratory, operations, and maintenance facilities layout in concert with Lee County Utilities staff.

Evaluate the condition of existing wastewater treatment structures. The evaluation of each part of the wastewater treatment facilities upgrade and expansion will consider incorporation of the existing structures into the facilities. Construction sequence requirements to keep existing facilities in service until replaced by new facilities will also be included in the evaluation.

Evaluate existing water management facilities at the Gateway Utilities Site. Determine water management facilities improvements required for each Phase of the Gateway Wastewater Treatment Plant development (2 MGD, 4 MGD, and 6 MGD).

A plan will be prepared of the existing site based upon the existing site survey provided by Lee County Utilities. Two to five viable conceptual layouts for the wastewater treatment facilities will be developed by TKW for evaluation and review by Lee County Utilities staff.

Master Lift Station

Develop plan for the Master Lift Station based on requirements for each Phase of the Gateway Wastewater Treatment Plant development (2 MGD, 4 MGD, and 6 MGD). Various combinations of multiple pumps will be evaluated for flow and head variations from Phase 1 through Phase 3. Wet well size and pump control elevations will be evaluated based on pump cycle time and wet well detention time.

Evaluate odor control for the Master Lift Station. The evaluation will consider initial cost, operating cost, land requirements, performance experience and maintenance experience in Lee County Utilities facilities, and adaptability to staged construction.

Force Main

Evaluate two alternative force main routes as follows:

Master Lift Station to Daniels Parkway to Gateway Boulevard to Griffin Drive to Wastewater Treatment Plant (approximately 18,000 feet); and

Master Lift Station to Daniels Parkway to FPL Easement to Wastewater Treatment Plant (approximately 17,500 feet).

Each route will be evaluated for initial cost, pumping cost, land acquisition, accessibility, and environmental issues.

Force main size will be evaluated for head loss and velocity based on requirements for each Phase of the Gateway Wastewater Treatment Plant development (2 MGD, 4 MGD, and 6 MGD). Single and dual force mains will be evaluated to handle flow variations from Phase 1 through Phase 3.

Preliminary Design Report

The Gateway Wastewater Treatment Plant Conceptual Design and the force main route evaluation will be compiled in a Preliminary Design Report, which presents analyses and evaluations, cost opinions, conclusions, and recommendations.

TASK 2.00 – Engineering & Land Surveying

Perform Special Purpose Survey of the Gateway Utilities Site to obtain data required for the following:
Conceptual design of Phase 1 through Phase 3 of the Gateway Wastewater Treatment Plant Upgrade and Expansion;

Detail design of the Gateway Wastewater Treatment Plant Upgrade and Expansion to 2.0 MGD; Evaluation of the Gateway Utilities Site water management facilities and design of water management system improvements, if required.

The Special Purpose Survey of the Gateway Utilities Site will be based on the Property Survey provided by Lee County Utilities.

Perform Topographic Survey of Master Lift Station Site at Southwest Florida International Airport to include boundaries and existing features. Elevations required to develop existing contours for the site and design the lift station will also be obtained.

Perform Survey of the Force Main Route, as approved by Lee County Utilities, from the Master Lift Station Site to Gateway Wastewater Treatment Plant. Survey will include right-of-way boundaries, roadways, existing utilities, and other features required to design new force main.

TASK 3.00 – Flow Analysis & Hydraulic Calculations

Perform flow analysis and hydraulic calculations as required for the conceptual and detailed designs of the Gateway Wastewater Treatment Plant Upgrade and Expansion.

Perform hydraulic calculations required to evaluate and size Master Lift Station pumps and wastewater force main.

TASK 4.00 – New Water and/or Sewer Facilities Construction Plans & Technical Specifications

Provide design services and prepare Drawings and Specifications for Gateway Wastewater Treatment Plant Upgrade and Expansion to 2.0 MGD. Drawings and Specifications will be based on the conceptual design approved by Lee County Utilities. Drawings in AutoCAD format provided by Sanitaire for ABJ ICEAS Sequencing Batch Reactors will be used in the preparation of the Bidding and Construction Drawings.

Provide design services and prepare Drawings and Specification for the Master Lift Station. Drawings and Specifications will be based on the design criteria approved by Lee County Utilities.

Provide design services and prepare Drawings and Specifications for the force main from the Master Lift Station to Gateway Wastewater Treatment Plant. Drawings and Specifications will be based on the route approved by Lee County Utilities.

Provide soils investigation and analysis for both sites and the force main route.

Coordinate design of new facilities with existing utilities.

Coordinate new facilities and activities within, or adjacent to, the FPL power transmission easement with FPL.

TASK 6.00 – Permits

Prepare permits for the following:

- Lee County Development Order
- FDEP Construction Permit

SFWMD Water Management Permit

Services for Permits will include arranging and attending pre-application meetings, preparing permit application forms, reports, exhibits, and drawings as required by each reviewing authority.

TASK 7.00 – Final Bidding and Contract Documents

Gateway Wastewater Treatment Plant Upgrade and Expansion to 2.0 MGD and the Master Lift Station, based on assisting Lee County and a Construction Manager in the preparation of documents for bidding.

Assist Lee County and Construction Manager in preparation of Drawings, Specifications, and other documents for bidding.

Assist Lee County and Construction Manager in reproduction of Drawings, Specifications, and other documents for bidding.

Force main from Master Lift Station to Gateway Wastewater Treatment Plant, based on assisting Lee County in bidding of force main and appurtenances.

Assist Lee County in preparation of Drawings, Specifications, and other documents for reproduction and bidding of the following:

Gateway Wastewater Treatment Plant Upgrade and Expansion to 2.0 MGD

Gateway Master Lift Station

Force main from Gateway Master Lift Station to Gateway Wastewater Treatment Plant

TASK 8.00 – Advisory Services During Bidding

Receive and respond to written questions from bidders and suppliers regarding bid documents. Receive and respond to verbal and written questions from bidders, suppliers, and others regarding bid schedule and document availability.

Assist County staff in preparation of addenda.

Attend Pre-Bid Conference and prepare summary of Pre-Bid Conference for inclusion in an addendum.

Attend bid opening. Evaluate bids received and accepted by the County and submit recommendation, to the County, for award of construction contract. The County shall provide to the Consultant one complete copy of each Bid received and accepted by the County for the Consultant's use in evaluation of the Bids.

- CHANGE ORDER AGREEMENT No.
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 5

EXHIBIT "CO/STA-B"

Date: September 29, 2003

COMPENSATION AND METHOD OF PAYMENT

for Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities

Improvements

(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 CONSUTANT should be established and set forth below for each task or sub-task described and authorized in Exhibit "CO/STA-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 (WIPP)
1.00	Technical Studies and Reports	\$103,400.00	Estimate	WIPP
2.00	Engineering & Land Surveying	\$44,400.00	Estimate	WIPP
3.00	Flow Analysis & Hydraulic Calculations	\$26,600.00	Estimate	WIPP
4.00	New Water and/or Sewer Facilities Construction Plans & Technical Specifications	\$297,400.00	Estimate	WIPP
6.00	Permits	\$28,500.00	Estimate	WIPP
7.00	Final Bidding and Contract Documents	\$60,300.00	Estimate	WIPP
8.00	Advisory Services During Bidding	\$35,800.00	Estimate	WIPP
TOTAL (Unless list is continued on next page)		\$596,400.00	NTE	

CHANGE ORDER AGREEMENT No.
 or
 SUPPLEMENTAL TASK AUTHORIZATION No. 5

EXHIBIT "CO/STA-B"
 ATTACHMENT NO. 1

Date: September 29, 2003

CONSULTANT'S HOURLY RATE SCHEDULE ***

for Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities

Improvements

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

CONSULTANT OR SUB-CONSULTANT NAME TKW Consulting Engineers, Inc.
 (A separate Attachment No. 1 should be included for each Sub-Consultant)

(1) Project Position of Classification (function to be Performed)	(2) Current Direct* Payroll Average Hourly Rate	(3) Multiplier**	(4) Hourly Rate to be Charged (column 2x3)
Senior Civil Engineer	\$32.81	3.2	\$105.00
Professional Land Surveyor	\$31.25	3.2	\$100.00
3-Man Field Crew	\$29.69	3.2	\$95.00
2-Man Field Crew	\$23.47	3.2	\$75.00
Survey Tech	\$14.06	3.2	\$45.00
Sr. Environmental Scientist	\$29.69	3.2	\$95.00
Environmental Scientist	\$18.75	3.2	\$60.00
Senior Designer	\$28.13	3.2	\$90.00
<p>NOTE: The Classifications for TKW Consulting Engineers, Inc. included above in this ATTACHMENT NO. 1 TO EXHIBIT "CO/STA-B" are in addition to those Classifications included in the Basic Agreement.</p>			

*NOTE: Direct Payroll hourly rate means the actual gross hourly wage paid.

**NOTE: Indicate applicable multiplier for indirect personnel costs, general administrative and overhead costs, and profit.

***NOTE: A separate personnel hourly rate schedule should also be attached for each Sub-Consultant listed in Exhibit "CO/STA-D".

- CHANGE ORDER AGREEMENT No.
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 5

EXHIBIT "CO/STA-B"
ATTACHMENT NO. 1

Date: September 29, 2003

CONSULTANT'S HOURLY RATE SCHEDULE ***

for Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities

Improvements

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

CONSULTANT OR SUB-CONSULTANT NAME RKS Consulting Engineers, Inc.
(A separate Attachment No. 1 should be included for each Sub-Consultant)

(1) Project Position of Classification (function to be Performed)	(2) Current Direct* Payroll Average Hourly Rate	(3) Multiplier**	(4) Hourly Rate to be Charged (column 2x3)
Senior Engineer	\$40.32	3.1	\$125.00
Project Engineer	\$35.48	3.1	\$110.00
Engineer II/Designer Specialist	\$27.42	3.1	\$85.00
Engineer I/Designer II	\$24.19	3.1	\$75.00
Graduate Engineer/Designer I/ Administrative Assistant	\$19.35	3.1	\$60.00
Technician II/Secretary II	\$16.13	3.1	\$50.00
Technician I/Secretary I/ Receptionist/Clerk II	\$12.90	3.1	\$40.00

*NOTE: Direct Payroll hourly rate means the actual gross hourly wage paid.

**NOTE: Indicate applicable multiplier for indirect personnel costs, general administrative and overhead costs, and profit.

***NOTE: A separate personnel hourly rate schedule should also be attached for each Sub-Consultant listed in Exhibit "CO/STA-D".

- CHANGE ORDER AGREEMENT No.
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 5

EXHIBIT "CO/STA-B"
ATTACHMENT NO. 1

Date: September 29, 2003

CONSULTANT'S HOURLY RATE SCHEDULE ***

for Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities
Improvements

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

CONSULTANT OR SUB-CONSULTANT NAME ASC geosciences, inc.
(A separate Attachment No. 1 should be included for each Sub-Consultant)

(1) Project Position of Classification (function to be Performed)	(2) Current Direct* Payroll Average Hourly Rate	(3) Multiplier**	(4) Hourly Rate to be Charged (column 2x3)
Principal, P.E.	\$50.00	3.00	\$150.00
Senior Project Engineer, P.E.	\$30.00	3.00	\$90.00
Project Engineer, P.E.	\$25.00	3.00	\$75.00
Staff Engineer, E.I.	\$15.00	3.00	\$45.00
Clerical	\$10.00	3.00	\$30.00

*NOTE: Direct Payroll hourly rate means the actual gross hourly wage paid.

**NOTE: Indicate applicable multiplier for indirect personnel costs, general administrative and overhead costs, and profit.

***NOTE: A separate personnel hourly rate schedule should also be attached for each Sub-Consultant listed in Exhibit "CO/STA-D".

- CHANGE ORDER AGREEMENT No.
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 5

EXHIBIT "CO/STA-C"

Date: September 29, 2003

TIME AND SCHEDULE OF PERFORMANCE

for Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities

Improvements

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

SECTION 1.00 CHANGE(S) 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 "A"	Name of 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 1.00	Technical Studies and Reports	90 days	90 days
Task 2.00	Engineering & Land Surveying	180 days	180 days
Task 3.00	Flow Analysis & Hydraulic Calculations	60 days	240 days
Task 4.00	New Water and/or Sewer Facilities Construction Plans & Technical Specifications:	150 days	240 days
Task 6.00	Permits:	240 days	300 days
Task 7.00	Final Bidding and Contract Documents	75 days	315 days
Task 8.00	Advisory Services During Bidding	60 days	375 days

- CHANGE ORDER AGREEMENT No. _____
or
 SUPPLEMENTAL TASK AUTHORIZATION No. 5

EXHIBIT "CO/STA-D"

Date: September 29, 2003

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

for Miscellaneous Utility Engineering Design and/or Inspection Services: Gateway Wastewater Facilities

Improvements

(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
Electrical and Instrumentation Engineering	RKS Consulting Engineers, Inc. 15400 Shamrock Drive Fort Myers, FL 33912		✓			✓
Geotechnical Services	ASC geosciences, inc. 5811 Corporation Circle Fort Myers, FL 33905		✓			✓