

LEE COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY **BLUE SHEET NO: 20040899**

1. REQUESTED MOTION:

ACTION REQUESTED: Approve Change Order No. 2 to Construction Agreement #2802 (B-04-16) LEE/HENDRY LANDFILL CELL 5 EARTHWORK with ERC General Contracting, Inc. in the amount of \$102,499.00, for a revised total contract amount of \$521,529.00 to install the secondary geomembrane liner over the clay base in Cell 5 and to widen landfill perimeter berm around 8 manholes all associated with the Lee/Hendry Landfill Phase 2 Expansion project.

WHY ACTION IS NECESSARY: BOCC approval is required for contract changes exceeding \$50,000 in value.

WHAT ACTION ACCOMPLISHES: 1) Expedites Cell 5 completion in order to provide continuing ash/MSW disposal capacity; 2) Reduces costs as contractor is currently on-site with necessary equipment; and 3) Allows installation of the geomembrane liner over the clay base without delay to protect base from erosion and damage due to rain.

2. DEPARTMENTAL CATEGORY:
 COMMISSION DISTRICT #: CW

C8C

3. MEETING DATE:

07-27-2004

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: Lee County-Public Works
- C. DIVISION/SECTION: Solid Waste Division
- BY: Lindsey Sampson, Solid Waste Director
- DATE: 7/13/04

Lindsey Sampson

7. BACKGROUND:

On May 11, 2004, the BOCC approved awarding the Cell 5 Earthwork project (Bid No. B-04-16) to ERC General Contracting Services, Inc. in the amount of \$242,121.00. On June 29, 2004, the BOCC approved Change Order No.1 in the amount of \$176,909.00 for the Contractor to install leachate sumps, manholes and piping for Cell 5. The Solid Waste Division is requesting the Board approve Change Order No. 2 in the amount of \$102,499.00 for the Contractor to 1) install the secondary gemembrane liner in Cell 5 to protect the clay base and expedite Cell 5 completion and 2) to widen the landfill perimeter berm for truck access around manholes. Expediting Cell 5 construction is critical as this 5-acre portion of the recently FDEP permitted 25-acre Phase 2 Landfill Expansion must be complete prior to the existing Cells (1-4) reaching capacity about January 2005.

ATTACH -- ORIGINAL C.O. # 2

Funds are available in account: 20092440130.506540

8. MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL

A DEPARTMENT DIRECTOR	B PURCH. OR CONTRACTS	C HUMAN RESOURCES	D OTHER	E COUNTY ATTORNEY	F BUDGET SERVICES				G COUNTY MANAGER
					OA	OM	Risk	GC	
<i>[Signature]</i> 7.13.04	<i>[Signature]</i>	N.A.	<i>[Signature]</i> 7/13/04	<i>[Signature]</i> 7/13/04	<i>[Signature]</i> 7-13-04	<i>[Signature]</i> 7/14/04	<i>[Signature]</i> 7/13/04	<i>[Signature]</i> 7/13/04	<i>[Signature]</i> 7.13.04

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

Rec. by CoAtty
 Date: 7/13/04
 Time: 10am
 Forwarded To:
 12:00
 Admin 7/13/04

RECEIVED BY
 COUNTY ADMIN: *[Signature]*
 7.13.04
 1:25 pm 5/7
 COUNTY ADMIN
 FORWARDED TO: *[Signature]*
 7.14.04
 2:30 PM

(A Change Order 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 over \$50,000)

CONTRACT/PROJECT NAME: Cell 5 Excavation

CONTRACTOR: ERC PROJECT NO.: _____ Account #: _____

CONTRACT NO.: ~~8802~~ ⁸⁸⁰² BID NO.: B-04-16

CHANGE REQUESTED BY: Lee County DATE OF REQUEST: 7/8/04

Upon the completion and execution of this Change Order by both parties to the Contract the Contractor is authorized to and shall proceed to make the following changes in the Contract Documents:

- 1. South Berm Extension Roadway
 - 2. Cell 5 Secondary liner and tie-in/anchor trench earthwork
- Description: To provide an access roadway to match the existing change in design. To provide erosion control over the newly constructed clay lin
Attachments (List documents supporting change)

Scope of work for change order No. 2 July, 8, 2004

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price	Original Contract Time
\$ <u>242,121.00</u>	<u>60</u> Calendar Days
Previous Change Orders No. <u>1</u> to No. <u>1</u>	Net change from previous Change Orders
\$ <u>176,909.00</u>	<u>20</u> Calendar Days
Contract Price prior to this Change Order	Contract Time prior to this Change Order
\$ <u>419,030.00</u>	<u>80</u> Calendar Days
Net <u>Increase</u> (Decrease) of this Change Order	Net Increase (Decrease) of this Change Order
\$ <u>102,499.00</u>	<u>20</u> Calendar Days
Contract Price with all approved Change Orders	Contract Time with all approved Change Orders
\$ <u>521,529.00</u>	<u>100</u> Calendar Days

It is understood and agreed that the acceptance of this modification by the CONTRACTOR constitutes an accord and satisfaction, and represents payment in full (both time and money) for all costs arising out of, or incidental to, the above mentioned change.

RECOMMENDED:

BY: N.A.
Consultant (if applicable) Date

ACCEPTED:

BY: Jerry L. Pinder
Contractor
Jerry L. Pinder
(PRINT NAME)

COUNTY APPROVAL:

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

BY: [Signature] 7/13/04
Department Director Date

Date Accepted: 7/8/04
Corporate seal

BY: _____
County Manager
(Under \$50,000)

BY: [Signature] 7/13/04
Contracts Management Date

Date Approved: _____

APPROVED:

County Attorney's Office Date

BY: _____
Chairman
Board of County Commissioners
(Over \$50,000)

Date Approved: _____

Scope of Work for CO No. 2
July 8, 2004

**Scope of Work for Change Order No. 2
Furnish and Install
South Berm Extension Roadway as Task 1,
Secondary 60 Mil Liner installation only including all penetrations, anchor
trenching, tie-in system to the existing Cell 4, and clay surface repair during
installation as Task 2, at the
Lee/Hendry County Regional Solid Waste Disposal Facility
5500 S. Church Road, Felda, FL 33930**

TASK 1:

The scope of work shall include all labor, materials, equipment, and incidentals to furnish and install the Cell 4 and Cell 5 South Berm Extension Roadway. The work shall be performed in accordance with the plans and details as modified on the following identified Engineering Plans and Specifications:

Engineering Plans entitled "Lee County Solid Waste Division, Lee/Hendry County Regional Solid Waste Disposal Facility, ID No. 5226c01001, Phase 2 Expansion, Application Drawings-Appendix "D" of application for Permit to Construct and Operate a Class 1 Landfill, Dated February 2004, prepared by Hazen and Sawyer, signed and sealed by John A. Bove, PE No. 59959 on 2/13/04.

The work is to conform to the plans and details shown on the following Sheets/Drawings:

Sheet 13 of 42, Drawing C-10, Base Grading Plan
Sheet 18 of 42, Drawing C-21, Cell 5 Top of Buffer Soil Grading Plan
Detail Modifications from asbuilt topo drawing ASBUILT_SDSK.DWG
Sheet 20 of 42, Drawing C-23, Phase 2 GEOMEMBRANE PLAN CELL 5
Sheet 22 of 42, Drawing C-25, Phase 2 EXPANSION OPERATIONAL COVER PLAN CELL 5
Sheet 37 of 42, Drawing M-1, CELL LEACHATE PIPING PLAN
Sheet 39 of 42, Drawing M-3, PIPING PLAN CELL 5

The work is to be performed in accordance with the Technical Specifications Entitled 'Lee/Hendry Regional Landfill, Phase 2 Expansion' and identified by Section, Title, and date as follows:

Section 02110-Clearing and Grubbing, 5/26/04
Section 02200-Earthwork, 6/17/04
Section 02210-Site Grading, 4/29/04
Section 02934-Sodding, 5/26/04

TASK 2:

The scope of work shall include all labor, equipment, and incidentals to install the Cell 5 Secondary Liner System. This work includes the extrusion welding required for the tie-in system to Cell 4, sump attachments, GCL deployment, anchor trenching, and general clay reworking during installation operations. The work shall be performed in accordance with the plans and details as modified on the following identified Engineering Plans and Specifications:

Engineering Plans entitled "Lee County Solid Waste Division, Lee/Hendry County Regional Solid Waste Disposal Facility, ID No. 5226c01001, Phase 2 Expansion, Application Drawings-Appendix "D" of application for Permit to Construct and Operate a Class 1 Landfill, Dated February 2004, prepared by Hazen and Sawyer, signed and sealed by John A. Bove, PE No. 59959 on 2/13/04.

The work is to conform to the plans and details shown on the following Sheets/Drawings:

Sheet 20 of 42, Drawing C-23, Phase 2 Geomembrane Plan Cell 5
Sheet 24 of 42, Drawing C-30, Perimeter Berm Details
Sheet 25 of 42, Drawing C-31, Intermediate Berm Details
Sheet 26 of 42, Drawing C-32, Existing Intermediate Berm Details
Sheet 27 of 42, Drawing C-33, Liner Details and Sections
Sheet 28 of 42, Drawing C-34, Leachate Collection System Details
Sheet 31 of 42, Drawing C-37, Leachate Management System – Cell 5
Sheet 34 of 42, Drawing C-40, Cell 5 Leachate Collection Sump Fabrication and Connection Details
Sheet 35 of 42, Drawing C-41, Leak Detection Sump Fabrication Details

The work is to be performed in accordance with the Technical Specifications Entitled 'Lee/Hendry Regional Landfill, Phase 2 Expansion' and identified by Section, Title, and date as follows:

Section 02200-Earthwork, 6/17/04
Section 13150-60 Mil HDPE Geomembrane, 5/26/04
Section 13153-Geosynthetic Clay Liner, 2/5/04

Cost Summary for Change Order No. 2 to Construction Agreement #2802 (B-04-16)

<u>Task</u>	<u>Cost</u>
Task 1: South Berm Extension	\$18,679.00
Task 2: Secondary 60 Mil HDPE Liner Installation	\$83,820.00
Total for Change Order No. 2	\$102,499.00