

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

Blue Sheet No. 20070657

1. ACTION REQUESTED/PURPOSE: Approve Change Order # 4 to the contract with Casey Industrial Inc. (Lee Contract #3334) in an amount of \$513,671.57 for additions and modifications to the 'balance of plant' construction services for the WTE expansion project. Total not-to-exceed price for this contract will become \$32,702,419.52.

2. FUNDING SOURCE: Solid Waste 2006 Revenue Bonds, Construction – CIP Program - WTE Expansion Project.

3. WHAT ACTION ACCOMPLISHES: Provides for necessary changes and additions primarily for multiple piping and electrical systems on this project.

4. MANAGEMENT RECOMMENDATION: Approve the requested action.

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| 5. Departmental Category: 8, Solid Waste CBA | | 6. Meeting Date: May 22, 2007 |
| 7. Agenda: <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Administrative <input type="checkbox"/> Appeals <input type="checkbox"/> Public <input type="checkbox"/> Walk-On | 8. Requirement/Purpose: (specify) <input type="checkbox"/> Statute <input type="checkbox"/> Ordinance <input checked="" type="checkbox"/> Admin. Code <u>AC 4-4</u> <input type="checkbox"/> Other | 9. Request Initiated: Commissioner _____ Department <u>Public Works</u> Division <u>Solid Waste</u> By: <u>Lindsey J. Sampson</u> <i>Lindsey J. Sampson</i> |

10. Background: On November 22, 2005, the BOCC approved a contract with Casey Industrial Inc. to perform the "Balance of Plant" general contractor construction for the WTE Expansion Project. More than 55 major equipment items and 6 construction contracts have been procured directly by the County for this project. Because the equipment for this project must be integrated into the existing facility, there have been several changes to the design of various piping and electrical systems in order to avoid conflicts and to allow for a more effective operation. Additionally, certain portions of the design proceeded after establishing the 'Balance of Plant' general contract in order to 'lock-in' the price of the major construction portions of the project. The changes and additions included in this change order were anticipated but not specifically defined until this time due to the overlap between design and construction.

Any funds remaining in this Change Order item may be transferred to the County controlled contingency amount included in Contract Price Summary, Exhibit C, Item II.3. Note: The Division anticipates a future change order for additional and modified electrical field work in the near future.

Funds are available in Account String: 20092340131.506540

Attachment: Copy of Change Order No. 4.

11. Review for Scheduling:

| Department Director | Purchasing or Contracts | Human Resources | Other | County Attorney | Budget Services | | | | County Manager/P. W. Director |
|------------------------------|---------------------------|-----------------|-------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| | | | | | Analyst | Risk | Grants | Mgr. | |
| <i>[Signature]</i> 5.8.07 | <i>[Signature]</i> 5/8 | N.A. | | <i>[Signature]</i> 5/8/07 | <i>[Signature]</i> 5/9/07 | <i>[Signature]</i> 5/9/07 | <i>[Signature]</i> 5/9/07 | <i>[Signature]</i> 5/9/07 | <i>[Signature]</i> 5.8.07 |

12. Commission Action:

- Approved
- Deferred
- Denied
- Other

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| RECEIVED BY COUNTY ADMIN: <u>5/9 9:30 AM</u> |
| COUNTY ADMIN FORWARDED TO: <i>[Signature]</i> <u>5/10/07</u> <u>10:30</u> |

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| Rec. by CoAtty Date: <u>5/8/07</u> Time: <u>10:00 PM</u> Forwarded To: <u>Admin.</u> <u>5/8/07 1:51 pm</u> |
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**LEE COUNTY CONSTRUCTION CONTRACT
CHANGE ORDER No.: 04**

(A Change Order requires approval by the Department Director for expenditures under \$50,000, approval by the County Manger for expenditures between \$50,000.01 and \$100,000, or approval by the Board of County Commissioners for expenditures over \$100,000).

CONTRACT/PROJECT NAME: Balance of Plant General Construction WTE Expansion Project
 CONTRACTOR: Casey Industrial, Inc. PROJECT NO.: _____
 CONTRACT NO.: 3334 BID NO.: RFP B&R 2661GC200
 CHANGE REQUESTED BY: County and Casey DATE OF REQUEST: 11/1/06-4/1/07

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:

Description: Various additional services and changes to original scope of work

Purpose of Change Order: Compensates Contractor for additional scope of work

Attachments: (List documents supporting change) Attachment A,

CHANGE IN CONTRACT PRICE:
 Original Contract Price
\$29,696,934.00
 Previous Change Order No. 01 to No. 03
\$2,491,813.95 (NTE)
 Contract Price prior to this Change Order
\$32,188,747.95 (NTE)
 Net Increase (Decrease) of this Change Order
\$513,671.57
 Contract Price will all approved Change Orders
\$32,702,419.52 Not to Exceed

CHANGE IN CONTRACT TIME:
 Original Contract Time
See Contract Calendar Days
 Net Change from previous Change Orders
See Documents Calendar Days
 Contract Time prior to this Change Order
See Contract Calendar Days
 Net Increase (Decrease) of this Change Order
See Atchmt A Mech. Compl. = 5/18/07
 Contract Time with all approved Change Orders
Per Contract Documents 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
 By: Lindsey J. Sampson
 Department Director Date
5/18/07
 Contracts Management

ACCEPTED
 By: _____
 Contractor
 Date Accepted: _____
 (CORPORATE SEAL)

COUNTY APPROVAL:
 By: _____
 Department Director (Under \$50,000)
 Date Approved: _____
 By: _____
 County Administration (Under \$100,000)

APPROVED:
 County Attorney's Office Date

Date Approved: _____
 By: _____
 Chairman
 Board of County Commissioners
 (Over \$100,000)
 Date Approved: _____

Attachment A
Change Order No. 4, Lee Contract No. 3334
Casey Industrial, Inc., WTE Expansion Project

This Change Order includes the total cost of the changes including the direct and indirect cost of all labor, equipment and materials, tools, associated overheads and profit and is inclusive of all impacts on the Work. Except as hereby modified, all terms and conditions of said Contract (as amended), including the schedule, shall remain unchanged and in full force and effect. All Work shall be in accordance with general Contract document requirements unless otherwise specified in this Change Order No. 4.

The County hereby approves the Contractor's request to change the 'Mechanical Completion' date, as defined in the Contract (and as modified by Change Order No. 2), to May 18, 2007.

- 1. Additional Light Fixtures (Casey RFCO #2):** Contractor will provide and install light fixtures throughout the project that have been determined to be additional to the original scope of services. **Total Lump Sum (LS) cost to County \$134,797.97.**
- 2. Adhered Roofing (Casey RFCO #4):** Contractor will install a fully "adhered" membrane roof system instead of the originally specified "mechanical fastener" membrane roof system. **Total LS cost to County \$16,695.00.**
- 3. Piping Fabrication Changes and Rework (Casey RFCO #6):** Contractor and its fabrication subcontractor have been required to make changes to piping systems due to changes made by and additional information provided by the County's engineer. This item resolves all such piping system fabrication changes mad through 12/31/06. **Total LS cost to the County \$89,299.21**
- 4. Piping Speciality Changes/Additions (Casey RFCO #7):** Contractor will furnish and install additional piping spciality items including but not limited to, steam traps, strainers, orifices, etc. Note: this item resolves all additional scope changes of this type to date. **Total LS cost to County \$18,710.13.**
- 5. Cooling Tower Thrust Blocks (Casey RFCO #8):** **No additional cost to County.**
- 6. Additional HVAC System for Existing UPS and Batter Rooms (Casey RFCO #10):** Contractor will design, install, and start-up a new HVAC system including supply and return duct, cooling system and exhaust system for the existing UPS and Battery Room. **Total LS cost to County \$49,987.00.**
- 7. Field Piping Modifications #1 (Casey RFCO #14):** Contractor to make specific field piping modifications due to existing obstructions or the requirement for an alternate routing. **Total LS cost to County \$25,000.00.**

Attachment A (Cont'd)
Change Order No. 4, Lee Contract No. 3334
Casey Industrial, Inc., WTE Expansion Project

- 8. APC Building Rework** (Casey RFCO #16): Contractor will make all necessary repairs/modifications to the building components of the APC building as required for proper installation. Building components provided by County's vendor, SISCORP. **Total LS cost to County \$14,213.76**

- 9. Additional Valves** (Casey RFCO #17): Contractor will supply and install additional valves in accordance with the revised specifications and drawings for all piping systems as directed by the County. Valves are in addition to those shown on the bid drawings and are over-and-above what is considered as 'growth' factor for the bid documents. **Total LS cost to County \$91,163.93.**

- 10. Additional and Modifications to Steel Supports for the Screw Conveyors** (Casey RFCO #22): Contractor will supply and install additional supports to the boiler framing to properly hang the fly-ash screw conveyors. Work includes torque arm fabrication and installation for all conveyor drives as required. Note: this item resolves all additional scope changes of this type to date. **Total LS cost to County \$39,580.52.**

- 11. Carbon Silo Platform and Ladder Modifications** (Casey RFCO #23): Contractor will modify the carbon silo access ladder/platform in accordance with revised drawings in order to eliminate interferences from boiler framing, piping, and door swing. **Total LS cost to County \$8,057.20**

- 12. Heat Tracing and Insulation for Indoor Urea Piping** (Casey RFCO # 24): Contractor will supply and install heat tracing, insulation, and lagging to the indoor supply and return urea piping from the underground building entrance of the piping to the urea pump skid. At this time the County approves 50% of the Contractor's request pending review of additional Contractor back-up documents substantiating Contractor's request. **Total LS cost to the County \$13,273.35.**

- 13. Additional Insulation for Electric Room Ducts** (Casey RFCO # 25): Contractor will supply and install insulation to the HVAC ducts in accordance with the changes requested by the County. At this time the County approves 50% of the Contractor's request pending review of additional Contractor back-up documents substantiating Contractor's request. **Total LS cost to the County \$12,893.50.**

Total Cost for Above Items: \$513,671.57