



CHANGE ORDER(s)

CONTRACT CHANGE ORDER AUTHORIZATION NO. 26

DATED 6/24/2010

FILED WITH CONTRACT # 23336

(COVANTA LONG BEACH RENEWABLE ENERGY, INC)

OFFICE OF THE CITY MANAGER
CITY OF LONG BEACH
LONG BEACH, CA 90802

Change Order No. 26 Date: June 24, ²⁰¹⁰~~2009~~
Contract No. 23336 Contractor: Covanta Long Beach Renewable Energy, Inc
Project: SERRF

This Change Order: Program No.: (ENEL1001)
Capital Improvement-Engineering Prior Change Orders: See Attachment 1.
Cost - \$ 15,000

Engineering for a Potential Ferrous & Non-Ferrous Metal Recovery System

BACKGROUND

This Contract Change Order is issued in accordance with provisions set forth in the subject Contract with reference to the following facts:

1. Section 4.3 (a)(iii) of the Contract to operate allows the City to submit to the Operator a request for Change Order in connection with a capital improvement project.
2. Section 4.2 of the Contract to Operate provides for reimbursement of all costs of any capital improvements approved by change order.
3. This Change Order allows for the City to reimburse the Operator for half of the expenses up to \$15,000 of the anticipated \$30,000 engineering costs by Stengl and Associates for the design of a new ferrous and non-ferrous metal recovery system. Costs are being shared on this project because of the mutual interest of both parties when the project is completed.
3. The Contractor will perform the work during the time period **from July 1, 2010 through September 30, 2010.**
4. The fixed cost to the City for the engineering will be \$15,000

SCOPE OF THE CHANGE ORDER

The Contractor shall provide a 75% engineering scope that will provide concept and nearly to-scale drawings, bill of materials, Contractor construction scope, and estimated pricing to complete the project. Final drawings and engineering will be provided under a separate Change Order.

SCHEDULE

The Contractor has estimated the schedule as follows:

- | | | |
|----|--------------------------------------|---------|
| 1. | On-site data collection and planning | 8 weeks |
| 2. | Produce drawings and other documents | 8 weeks |

CAPITAL IMPROVEMENT COST

- | | |
|---|-------------------------|
| • Perform site visits, produce drawings and other documents | \$ 30,000 |
| • Operator paid portion of engineering | -\$ 15,000 |
| • Project Total | \$ <u>15,000</u> |

1. Except as specifically enumerated above, all other terms and provisions of the subject contract shall remain unchanged. The execution and delivery of this Change Order by the Contractor and the City shall not in any manner prejudice the rights which the Owner, the City or the Contractor may have to pursue any other claims which such party may have against the other, other than those claims which are the subject of the Change Order.

Jane Gross
Jane Gross
Notary Public, State of New Jersey
Passaic County
Notary No. 2097574
My Commission Expires Feb. 25, 2012

Charles R Tripp 7/23/10

Charles R. Tripp Date
Electric Generation
Bureau Manager

[Signature]

Paul Stauder Date
Covanta Energy, Regional Business Mgr

CJG 7/27/10

Christopher J. Garner Date
Director Long Beach
Energy Department

Assistant City Manager

[Signature] 7.28.10

Patrick H. West Date
City Manager

EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER.

Approved as to form this 26th day of July, 2010

Robert Shannon
City Attorney

By *[Signature]*
Deputy

- Distribution:
Original - City Clerk
City Auditor
City Attorney
Manager, Electric Generation Bureau
Financial Management, Accounting
Financial Management, Payments
General Manager, SERRF Authority
Facility Manager, Covanta Energy Renewable Energy Inc.

ATTACHMENT 1

Prior Change Orders:

1) Capital Improvement	\$500,000	Flyash treatment transfer conveyor & cement transfer screw conveyor installation.
2) Capital Improvement	\$ 86,000	Landscaping-various areas Dust control
3) Capital Improvement	\$ 29,000	Landscaping-Cooling Tower area Dust control
4) Capital Improvement	\$409,399	3 rd Pass boiler flyash removal system
5) Pass-thru (spare parts)	\$108,816	Inventory increase-spare motors
6) (a) Capital Improvement	\$179,375	Refuse driver's restroom construction.
(b) Base Operating Fee	\$ 43,305	Annual Costs in June 1993 dollars. Maintenance of Refuse driver's restroom.
7) (a) Capital Improvement	\$120,779	MACT Compliance
(b) Operations & Maint.	\$ 35,650	One time costs-Title V & Health Risk Assessment.
(c) Base Operating Fee	\$ 97,548	Additional Operations Costs (in 1993 dollars) per year
8) Capital Improvement	\$ 63,200	Underground Diesel storage tank modification.
9) Capital Improvement	\$ 264,833	MSW drying Gas Burner installation.
10) Capital Improvement	\$ 261,708	Steam blowing system and service Platform installation.
11) (a) Capital Improvement	\$ 442,747	MSW drying gas burners installation.
(b) Spare Parts	\$ 22,458	MSW Spare parts for gas burners.
12) Capital Improvement	\$ 303,480	Installation of NOx reduction system

		with minimal ammonia slip.
13) Capital Improvement	\$ 104,500	Build and maintain a training room
14) Capital Improvement	\$ 425,150	Install photovoltaic system
15) Capital Improvement	\$ 28,875	Install crane deck restroom
16) Capital Improvement	\$ 108,649	Upgrade COMS
17) Capital Improvement	\$ 190,596	Security Cameras
18) Capital improvement	\$ 281,630	PV Demo Project Modification
19) Capital improvement	\$ 255,596	Performance Improvement Work – Group 1 design
20) Capital Improvement	\$ 246,349	Performance Improvement Work – Group 1 Implementation
21) Capital improvement	\$ 556,291	Fuel Tech Urea Demonstration Test
22) Capital Improvement- Change in Law	\$ 47,225	AB32 Implementation and Climate Exchange Registry
23) Capital Improvement	\$ 41,344	SCAQMD Continuous Emissions Monitoring System (CEMS) (NO2 Channel and NO2 Calibration
24) Training Building Upgrade	\$190,250	Training Building Upgrade
25) Capital Improvement	\$991,507	Carbon Injection