

CHANGE ORDER(s)

AND /OR

LETTER(s) OF EXTENSION

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**CONTRACT CHANGE ORDER AUTHORIZATION NO. 42
DATED JANUARY, 2022**

FILED WITH CONTRACT #23336

(COVANTA LONG BEACH RENEWABLE ENERGY CORP.)

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

23336

Change Order No. 42
Contract No. 23336
Project: SERRF

Date: January 2022
Contractor: Covanta Energy, LLC

This Change Order:
\$ 224,640

Program No.: GOELAD
Prior Change Orders: See Attachment 1.

**EXTENSION OF SCHEDULING COORDINATOR ID CODE (SCID)
SCHEDULING SERVICES**

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 of the Contract to operate provides for reimbursement for all costs approved by change order.
2. The Power Purchase Agreement between SERRF and SCE with a Firm operation date of December 8th, 1988, expired December 8th 2018.
3. Pursuant to Change Order 33, the Operator Covanta has entered into an agreement with a 3rd party, APX,Inc., to provide SCID Scheduling Services for Covanta and the City of Long Beach.
4. The funding provided by Change Order 33 has been exhausted. The Operator and the City of Long Beach wish to continue the SCID Scheduling Services as stipulated in Change Order 33.
5. Covanta will continue to prepare and coordinate all necessary service orders with the scheduling coordinator and submit appropriate paperwork associated with all scheduling coordinator services.

SCOPE OF THE CHANGE ORDER

This Change Order is intended to cover all costs related to scheduling coordinator requirements and associated service orders. The work will include daily marketing of power produced by SERRF as well as bidding on the day ahead CAISO market.

SCHEDULE

It is estimated that the above-mentioned work will be in place for up to a one-year term, with mutual options to extend beyond 12 months.

COST OF CHANGE ORDER

The cost for the above-mentioned scope has been estimated as follows:

Monthly Service Fees – SCID

- SCID Scheduling, Settlement, and 24/7 Operations Support Base Fee.
\$5,000/month (\$180,000 estimated for maximum 36 months)
- Recorded Message Retrieval or other Services.
\$200/hour, plus cost of materials

Subtotal: \$187,200

- Contingency (10.0% of Subtotal) \$ 18,720
- Covanta Project support (10.0% of subtotal) \$ 18,720

Total: \$ 224,640

NO OTHER CHANGES

- 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.

 Alan Foley Date
 Manager - Electric Generation Bureau

Christopher J. Baker 1/14/2022
 Christopher J. Baker Date
 Vice President and General Manager

Robert Dowell 2/18/22
 Robert Dowell Date
 Director Long Beach
 Energy Resources Department

Tom Modica 1/31/22
 Tom Modica Date
 City Manager

EXECUTED PURSUANT
 TO SECTION 301 OF
 THE CITY CHARTER.

Approved as to form this 18 day of January, 2022

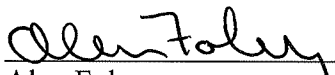
CHARLES PARKIN
 City Attorney

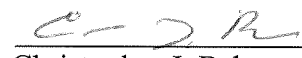
By [Signature]
 Deputy

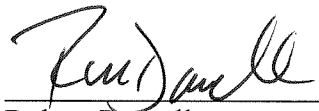
- Distribution:
 Original - City Clerk
 City Auditor
 City Attorney
 Manager, Electric Generation Bureau
 Financial Management, Accounting
 Financial Management, Payments
 General Manager, SERRF Authority
 Plant Manager, Covanta Long Beach
 Business manager Covanta Long Beach

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 1/18/22
 Alan Foley Date
 Manager - Electric Generation Bureau

 1/14/2022
 Christopher J. Baker Date
 Vice President and General Manager

 2/8/22
 Robert Dowell Date
 Director Long Beach
 Energy Resources Department

 Tom Modica Date
 City Manager

Approved as to form this _____ day of _____, 2022

 City Attorney

By _____
 Deputy

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 Plant Manager, Covanta Long Beach
 Business manager Covanta Long Beach

Prior Change Orders:

1. Capital Improvement – Flyash treatment and Cement Transfer Conveyors	\$500,000
2. Capital Improvement - Landscaping Various Areas for Dust Control	\$ 86,000
3. Capital Improvement - Landscaping – Cooling Tower Area for Dust Control	\$ 29,000
4. Capital Improvement – 3 rd Pass Boiler Flyash Removal System	\$409,399
5. Pass-Through - Spare Parts Inventory Increase – Spare Motors	\$108,816
6. (a) Capital Improvement – Refuse Drivers Restroom	\$179,375
(b) Base Operations Fee – Annual Base Ops Increase (In 1993 Dollars)	\$ 43,305
7. (a) Capital Improvement – MACT Compliance	\$120,779
(b) O&M – Title V Health Risk Assessment (one-time cost)	\$ 35,650
(c) O&M – Annual Base Operations Fee Adjustment (In 1993 Dollars)	\$ 97,548
8. Capital Improvement - Underground Diesel Storage Tank Modifications	\$ 63,200
9. Capital Improvement - MSW Drying Gas Burner Installation	\$264,833
10. Capital Improvement - Steam Blow System and Service Platform Installation	\$261,708
11. (a) Capital Improvement - MSW Drying Burners Installation	\$442,747
(b) Spare Parts – For MSW Drying Burners	\$ 22,458
12. Installation of NOx Reduction System with Minimal Ammonia Slip	\$303,480
13. Capital Improvement - Build and Maintain Training Room	\$104,500
14. Capital Improvement - Install Photovoltaic System	\$425,150
15. Capital Improvement - Install Crane Deck Restroom	\$ 28,875
16. Capital Improvement – Upgrade COMS	\$108,649
17. Capital Improvement - Install Facility Security Cameras	\$190,596
18. Capital Improvement - PV Demo Project Modifications	\$281,630
19. Capital Improvement – Performance Improvement – Group I Design	\$255,596
20. Capital Improvement – Performance Improvement – Group I Implementation	\$153,891
21. Capital Improvement – Fueltech Demonstration Test – Urea System	\$556,292

22. Change of Law – AB32 Implementation & Climate Exchange Registry	\$ 47,225
23. Change of Law – New SCAQMD CEMS (NO2 Channel & NO2 Calibration)	\$ 41,344
24. Capital Improvement – Training Building Upgrade	\$190,250
25. Capital Improvement & Chang of Law – Carbon Injection System	\$991,507
26. Capital Improvement – Engineering Potential Metal Recovery System	\$ 15,000
27. Capital Improvement & Change of Law – Fire Protection Upgrade	\$ 58,436
28. Insurance – Purchase Property Insurance from Contractor	\$1,372,525
29. Capital Improvement – Carbon, Parts, and Labor for Carbon Injection System	\$550,000
30. Insurance – Purchase Property Insurance from Contractor	\$1,296,900
31. Change of Law – CAISO (QF) Conversion Installation and Preparation	\$140,070
32. Bottom Ash – Change Order Was Terminated	
33. Change of Law – Scheduling Coordinator	\$449,220
34. RA Capacity Services – Covanta to Provide Scheduling Services. As Payment Covanta will Receive 25% of the RA Revenue	\$1-1.5 Million Revenue
35. RA Capacity Extension – Extend Delivery Period	\$1-1.5 Million Revenue
36. Cap & Trade Allowances – Purchase of Allowance Obligations	\$2,250,071
37. SERRF AB2588 Support – Prepare Report for SCAQMD	\$ 90,000
38. Slipstick Extension – Improvements to Slipstick and Ferrous System	\$592,000
39. Elevator Replacement	\$800,000
40. Spot Market Waste – Purchase Spot Market Waste through Contractor	\$1,850,000 – Gross Revenue
41. RA Capacity Extension – Second Extension of Delivery Period. As Payment Covanta will Receive 25% of the RA Revenue	\$1-1.5 Million Revenue