

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

23336

Change Order No. 01

Date: October 5th, 2018

Contract No. 23336

Project: SERRF

**Contractor: Covanta Long Beach Renewable
Energy Corp.**

Program No.: GOELAD

This Change Order:

\$2,273,150

Prior Remedial Change Orders: None

• Bottom Ash Conveyor Upgrade

BACKGROUND

This Remedial Work Change Order #1 is issued in accordance with provisions set forth in the subject Contract with reference to the following facts:

1. The 5th Amendment in reference to Section 4.3 and 3.1 of the Contract to operate provides for reimbursement for all costs approved by remedial work change order.
2. The City and Operator (Covanta) have amended the contract (5th Amendment) to invest into the SERRF facility over the Remedial Work Period.
3. Remedial Work Period means the period commencing January 1, 2018 and ending June 30, 2021, unless extended as a result of City Fault or an Uncontrollable Circumstance.
4. The Operator will solicit contractor proposals and administer scope of work required on the all Remedial work projects. This will include design, equipment, fabrication, testing, and all other related replacement and maintenance relative to the projects attached. Including any and all cleanup and maintenance as a result of remedial projects and any and all technical and safety training and education associated with the projects.

SCOPE OF REMEDIAL WORK CHANGE ORDER

The change order is intended to cover all the costs related to the removal and installation of the bottom ash slipstick conveyor, the modification of the incline belt conveyors, and installation of the new grizzly system.

SCHEDULE

It is estimated that the above-mentioned work will be completed within the Remedial Work Period commencing January 1, 2018 and ending June 30, 2021.

COST OF REMEDIAL WORK CHANGE ORDER #1

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

| Bottom Ash Conveyor Upgrade | |
|--------------------------------------------|---------------------------|
| Slipstick Conveyor | \$370,000 |
| Demo & Installation | \$1,460,000 |
| Vacuum Truck | \$107,000 |
| Scaffolding | \$55,000 |
| Incline Conveyor Controls Repairs | \$20,000 |
| West Incline Modifications | \$40,000 |
| Spare Parts Issued | \$12,500 |
| Core Holes for Concrete Samples | \$2,000 |
| Estimate Bottom Ash Upgrades: | \$2,066,500 |
| Contingency (10%) | \$206,650 |
| Covanta Project Support (0%) | Waived |
| <u>Total Project Not to Exceed:</u> | <u>\$2,273,150</u> |

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.

REMEDIAL WORK
CHANGE ORDER #1

Charles R. Tripp 10/22/18
Charles R. Tripp Date
Electric Generation Bureau
Manager

Derek Veenhof Oct 10/18
Derek Veenhof Date
Executive Vice President

Robert Dowell 10/25/18
Robert Dowell Date
Director Long Beach
Gas & Oil Department

Patrick West 11/1/18
Patrick West Date
City Manager

Tom Modica
Assistant City Manager
EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER

Approved as to form this _____ day of _____, 2018

City Attorney

APPROVED AS TO FORM

By Deputy 10-23, 2018

CHARLES PARKIN, City Attorney

By Amy R. Webber
AMY R. WEBBER
DEPUTY CITY ATTORNEY

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

No Prior Remedial Work Change Orders

ATTACHMENT 1

REMEDIAL WORK LIST 1 & 2

List 1 Remedial Work

Circ Water/Cooling Tower
Circ Water Pump Overhaul
Circ Water Pump Screens

Boiler

Amstar Replacement 2500 sqft
Rear Wall Panel Replacements, All Units
Blowdown Tank
Feed Table Overhaul, Units 1 & 3
Grate Overhaul, Unit 2

Scrubber

Roof & Top 4' Cylinder Replacement
Cone Replacement, SS, Spray Insulation & Scaffold
Reattach Scrubber to Drags

Baghouse

Inlet Dampers
Hopper Replacement
Reverse Air Duct
Expansion Joint Replacements

Ram Replacement

3 New Dischargers/Rams
Installation of Dischargers/Ram
Platform Modifications after install \$

Bottom Ash Conveyor Upgrade

Slip Stick Conveyor
Demo & Installation
Ash House Grizzly & Vibrator Mods

Flash Conveying

Baghouse Screws & Troughs, Replacement
FA-2 Overhaul
FA-3 Overhaul
FA-4 Overhaul
FA-5 Overhaul
FA-6 Overhaul

Safety

Safety, Electrical, & Related Projects

REMEDIAL WORK
CHANGE ORDER #1

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Profiled Waste Handling

Hopper Tipper. Short Term Solution
Hopper Tipper. Long Term Solution

List 2 Remedial Work

Boiler

Feed Chutes Refractory Lined
SPG, 4 per Boiler, Replacement
Rappers for the Economizer/Evaporator Sections
Ground Floor Grit Screen and Electrical

Baghouse

Baghouse Damper Repairs, Each Unit

Control Systems

Controls Upgrade

REMEDIAL WORK
CHANGE ORDER #1

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