

**BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU
REQUEST FOR EXEMPTION FROM
CHAPTER 103D**

DATE: December 13, 2018

TO: ERNEST Y.W. LAU, P.E.
Manager and Chief Engineer

VIA: VICKI A. KITAJIMA
Procurement Office

FROM: ERWIN KAWATA
Program Administrator
Water Quality Division

RE: REQUEST FOR EXEMPTION FROM CHAPTER 103D TO CONDUCT A
TRICHLOROPROPANE (TCP) ADVANCED WATER TREATMENT
STUDY FOR THE BOARD OF WATER SUPPLY

Pursuant to Section 103D-102(b)(4), Hawaii Revised Statutes (HRS) and Subchapter 9, Chapter 3-120 of the Hawaii Administrative Rules (HAR), I am recommending that an exemption be granted from the provisions of Chapter 103D, HRS, for selecting a vendor to conduct a Trichloropropane (TCP) Advanced Water Treatment Study.

Vendor Name & address: Corona Environmental Consulting, LLC
357 South McCaslin Boulevard, Suite 100
Louisville, Colorado 80027

Amount of the contract: \$1,000,000

Prior exemption contract numbers: None

A. Background:

The Board of Water Supply (BWS) uses granular activated carbon (GAC) treatment to remove trichloropropane (TCP) and other pesticide contaminants from various BWS well sites in Central and Leeward Oahu. This treatment is required to ensure BWS complies with the Hawaii Department of Health (DOH) 600 nanogram per liter or parts per trillion (ppt) TCP standard for safe drinking water.

In July 2017, California adopted a 5 ppt standard for TCP. Existing BWS GAC operations is unable to reduce TCP levels to 5 ppt. An advanced treatment study is therefore needed to identify the changes that will enable existing BWS GAC operations to treat to lower TCP levels in the event DOH follows California and reduces Hawaii's current 600 ppt TCP standard. Since we cannot predict if and or when DOH will act, there is an

urgency to proceed without delay to ensure BWS is prepared to promptly respond and deliver safe drinking water in accordance with all regulatory requirements and standards.

A study of this type is highly specialized and requires expert knowledge in GAC treatment for the removal of TCP from drinking water, including but not limited to experience with variable high flow rate drinking water treatment and filtration systems; drinking water treatment performance optimization and design, GAC performance, contaminant removal chemistry, kinetics, and design of drinking water treatment systems. The study will also need to assess existing BWS GAC operations, existing site conditions and constraints, treatment limitations and conduct on-site pilot studies, including full scale, to demonstrate and prove the effectiveness of the enhanced treatment process and understand and resolve all operational issues.

B. Describe how procurement by competitive means is neither practicable nor advantageous to the Board of Water Supply (BWS)

In November 2017, BWS posted a notice for professional services to procure a vendor to perform the work. The solicitation initially received no responses and was then extended thirty days to the end of December 2017. BWS received four responses of which two were found unqualified. BWS is unable to satisfy the Chapter 103D requirement for three qualified submittals. From there BWS resolicited the notice for professional services again in May 2018 and notified thirty-nine (39) water treatment firms of the ad. The May 2018 notice was again extended another thirty days to the end of June 2018 after receiving only one response. On July 1, 2018 BWS again received only two vendor responses.

This experience demonstrates that continued solicitation for professional services is not expected to produce the required three qualified vendor submittals. The few responses received to date validates the limited number of vendors that have the specialized knowledge and experience required to perform the work and the complex scope and intensity of the project that only a few vendors are able to undertake.

C. Details of the process or procedures to be followed in selecting the vendor to ensure maximum fair and open competition as practicable

Corona Environmental Consulting LLC demonstrates having the specialized TCP specific expertise needed to perform the work. This request for exemption from Chapter 103D reflects our experiences to date that continued solicitation for professional services is not expected to produce the required three qualified vendor submittals given the extreme complexity and specialization of the project.

Accordingly, I recommend your approval to exempt from the provisions of Chapter 103D, HRS, and to award a contract to conduct a Trichloropropane (TCP) Advanced Water Treatment Study for the Board of Water Supply. The application

of this exemption will be limited to these facts and circumstances and may not be used as precedence to award any other contracts.

I certify that the information provided above is to the best of my knowledge, true and correct.

Erwin Kawata
Erwin Kawata, Requestor

Erwin Kawata
Erwin Kawata, Division Head

Dec. 13, 2018
Date

Dec. 13, 2018
Date

Direct Questions to: Erwin Kawata Phone: (808) 748-5080

Date of Public Notice posting: JAN 25 2019 - FEB - 6 2019

APPROVED AS RECOMMENDED / NOT APPROVED

Ernest Y. W. Lau
✓ ERNEST Y. W. LAU, P. E.
MANAGER AND CHIEF ENGINEER
am

2/4/19
Date
5250-4270

APPROVED AS TO AVAILABILITY OF FUNDS

2019-820-3021 (219525001)

Joseph Cooper
JOSEPH COOPER
WATERWORKS CONTROLLER
WC 1/9/19

1-9-19
Date

REVIEWED AS TO PROCUREMENT FORM

Vicki A. Kitajima
VICKI A. KITAJIMA
PROCUREMENT & SPECIFICATIONS
SPECIALIST VI
am

2/7/19
Date

**BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU**

JAN 25 2019
(Date Notice Posted)

**NOTICE OF REQUEST FOR EXEMPTION FROM CHAPTER 103D HAWAII REVISED
STATUTES**

The Manager and Chief Engineer is reviewing a request for exemption from Chapter 103D, Hawaii Revised Statutes (HRS), to award a contract for Trichloropropane (TCP) Advanced Water Treatment Study for the Board of Water Supply.

The award shall be made to:

Name of Vendor: Corona Environmental Consulting, LLC

Address of Vendor: 357 South McCaslin Boulevard, Suite 100
Louisville, Colorado 80027

Cost: not to exceed \$1,000,000.00

Term of Contract: 730 days

Direct any inquiries to: Vicki A. Kitajima

Address: Board of Water Supply
Procurement Office
630 S. Beretania St.
Honolulu, HI 96843

Telephone No.: (808) 748-5071

Fax Telephone No.: (808) 550-9193

Submit written objection(s) to this Notice of Intent to Issue an Exemption from Chapter 103D, HRS within seven (7) calendar days from the date this notice was posted to:

Manager and Chief Engineer
Board of Water Supply
630 S. Beretania St.
Honolulu, HI 96843

Telephone No. (808) 748-5071

103D Exemption Reference No.: BWS 19-01 EX