

SERVICE AGREEMENT NO. 1659

Chemical Analysis for Utilities Department

THIS **Chemical Analysis Agreement** ("Agreement") is entered into by and between the City of Corpus Christi, a Texas home-rule municipal corporation ("City") and Analysys Inc ("Contractor"), effective upon execution by the City Manager or the City Manager's designee ("City Manager").

WHEREAS, Contractor has bid to provide Chemical Analysis in response to Request for Bid/Proposal No. 1659 ("RFB/RFP"), which RFB/RFP includes the required scope of work and all specifications and which RFB/RFP and the Contractor's bid or proposal response, as applicable, are incorporated by reference in this Agreement as Exhibits 1 and 2, respectively, as if each were fully set out here in its entirety.

NOW, THEREFORE, City and Contractor agree as follows:

1. **Scope.** Contractor will provide Chemical Analysis ("Services") in accordance with the attached Scope of Work, as shown in Attachment A, the content of which is incorporated by reference into this Agreement as if fully set out here in its entirety, and in accordance with Exhibit 2.
2. **Term.** This Agreement is for 48 months, with performance commencing upon the date of issuance of a notice to proceed from the Contract Administrator or Purchasing Division. The parties may mutually extend the term of this Agreement for up to zero additional zero-month periods ("Option Period(s)"), provided, the parties do so in writing and prior to the expiration of the original term or the then-current Option Period. The City's extension authorization must be executed by the City Manager or designee.
3. **Compensation and Payment.** The total value of this Agreement is not to exceed \$269,776.00, subject to approved extensions and changes. Payment will be made for Services completed and accepted by the City within 30 days of acceptance, subject to receipt of an acceptable invoice. All pricing must be in accordance with the attached Bid/Pricing Schedule, as shown in Attachment B, the content of which is incorporated by reference into this Agreement as if fully set out here in its entirety.
4. **Contract Administrator.** The Contract Administrator designated by the City is responsible for approval of all phases of performance and operations under this Agreement, including deductions for non-performance and authorizations for payment. The City's Contract Administrator for this Agreement is as follows:

Name: Marisa Juarez
Department: Utilities
Phone: (361)-826-1201
Email: marisaj@cctexas.com

5. Insurance; Bonds.

(A) Before performance can begin under this Agreement, the Contractor must deliver a certificate of insurance ("COI"), as proof of the required insurance coverages, to the City's Risk Manager and the Contract Administrator. Additionally, the COI must state that the City will be given at least 30 days' advance written notice of cancellation, material change in coverage, or intent not to renew any of the policies. The City must be named as an additional insured. The City Attorney must be given copies of all insurance policies within 10 days of the City Manager's written request. Insurance requirements are as stated in Attachment C, the content of which is incorporated by reference into this Agreement as if fully set out here in its entirety.

(B) In the event a payment bond, a performance bond, or both, are required of the Contractor to be provided to the City under this Agreement before performance can commence, the terms, conditions, and amounts required in the bonds and appropriate surety information are as included in the RFB/RFP or as may be added to Attachment C, and such content is incorporated here in this Agreement by reference as if each bond's terms, conditions, and amounts were fully set out here in its entirety.

6. Purchase Release Order. For multiple-release purchases of Services to be provided by the Contractor over a period of time, the City will exercise its right to specify time, place and quantity of Services to be delivered in the following manner: any City department or division may send to Contractor a purchase release order signed by an authorized agent of the department or division. The purchase release order must refer to this Agreement, and Services will not be rendered until the Contractor receives the signed purchase release order.

7. Inspection and Acceptance. Any Services that are provided but not accepted by the City must be corrected or re-worked immediately at no charge to the City. If immediate correction or re-working at no charge cannot be made by the Contractor, a replacement service may be procured by the City on the open market and any costs incurred, including additional costs over the item's bid/proposal price, must be paid by the Contractor within 30 days of receipt of City's invoice.

8. Warranty.

(A) The Contractor warrants that all products supplied under this Agreement are new, quality items that are free from defects, fit for their intended purpose,

and of good material and workmanship. The Contractor warrants that it has clear title to the products and that the products are free of liens or encumbrances.

(B) In addition, the products purchased under this Agreement shall be warranted by the Contractor or, if indicated in Attachment D by the manufacturer, for the period stated in Attachment D. Attachment D is attached to this Agreement and is incorporated by reference into this Agreement as if fully set out here in its entirety.

9. **Quality/Quantity Adjustments.** Any Service quantities indicated on the Bid/Pricing Schedule are estimates only and do not obligate the City to order or accept more than the City's actual requirements nor do the estimates restrict the City from ordering less than its actual needs during the term of the Agreement and including any Option Period. Substitutions and deviations from the City's product requirements or specifications are prohibited without the prior written approval of the Contract Administrator.
10. **Non-Appropriation.** The continuation of this Agreement after the close of any fiscal year of the City, which fiscal year ends on September 30th annually, is subject to appropriations and budget approval specifically covering this Agreement as an expenditure in said budget, and it is within the sole discretion of the City's City Council to determine whether or not to fund this Agreement. The City does not represent that this budget item will be adopted, as said determination is within the City Council's sole discretion when adopting each budget.
11. **Independent Contractor.** Contractor will perform the work required by this Agreement as an independent contractor and will furnish such Services in its own manner and method, and under no circumstances or conditions will any agent, servant or employee of the Contractor be considered an employee of the City.
12. **Subcontractors.** Contractor may use subcontractors in connection with the work performed under this Agreement. When using subcontractors, however, the Contractor must obtain prior written approval from the Contract Administrator if the subcontractors were not named at the time of bid or proposal, as applicable. In using subcontractors, the Contractor is responsible for all their acts and omissions to the same extent as if the subcontractor and its employees were employees of the Contractor. All requirements set forth as part of this Agreement, including the necessity of providing a COI in advance to the City, are applicable to all subcontractors and their employees to the same extent as if the Contractor and its employees had performed the work.
13. **Amendments.** This Agreement may be amended or modified only by written change order signed by both parties. Change orders may be used to modify quantities as deemed necessary by the City.

- 14. Waiver.** No waiver by either party of any breach of any term or condition of this Agreement waives any subsequent breach of the same.
- 15. Taxes.** The Contractor covenants to pay payroll taxes, Medicare taxes, FICA taxes, unemployment taxes and all other related taxes. Upon request, the City Manager shall be provided proof of payment of these taxes within 15 days of such request.
- 16. Notice.** Any notice required under this Agreement must be given by fax, hand delivery, or certified mail, postage prepaid, and is deemed received on the day faxed or hand-delivered or on the third day after postmark if sent by certified mail. Notice must be sent as follows:

IF TO CITY:

City of Corpus Christi
Attn: Marisa Juarez
Title: Laboratory Manager
Address: 13101 Leopard St. 78410
Phone: (361)-826-1201
Fax: None

IF TO CONTRACTOR:

Analysys Inc
Attn: Michael Leva
Title: President
Address: 3512 Montopolis Dr, Austin, TX 78744
Phone: (512)-385-5886
Fax: (512)-919-4141

- 17. CONTRACTOR SHALL FULLY INDEMNIFY, HOLD HARMLESS AND DEFEND THE CITY OF CORPUS CHRISTI AND ITS OFFICERS, EMPLOYEES AND AGENTS ("INDEMNITEES") FROM AND AGAINST ANY AND ALL LIABILITY, LOSS, CLAIMS, DEMANDS, SUITS, AND CAUSES OF ACTION OF WHATEVER NATURE, CHARACTER, OR DESCRIPTION ON ACCOUNT OF PERSONAL INJURIES, PROPERTY LOSS, OR DAMAGE, OR ANY OTHER KIND OF INJURY, LOSS, OR DAMAGE, INCLUDING ALL EXPENSES OF LITIGATION, COURT COSTS, ATTORNEYS' FEES AND EXPERT WITNESS FEES, WHICH ARISE OR ARE CLAIMED TO ARISE OUT OF OR IN CONNECTION WITH A BREACH OF THIS AGREEMENT OR THE PERFORMANCE OF THIS AGREEMENT BY THE CONTRACTOR OR RESULTS FROM THE NEGLIGENT ACT, OMISSION, MISCONDUCT, OR FAULT OF THE CONTRACTOR OR ITS EMPLOYEES OR AGENTS. CONTRACTOR MUST, AT ITS OWN EXPENSE, INVESTIGATE ALL CLAIMS AND DEMANDS, ATTEND TO THEIR SETTLEMENT**

OR OTHER DISPOSITION, DEFEND ALL ACTIONS BASED THEREON WITH COUNSEL SATISFACTORY TO THE CITY ATTORNEY, AND PAY ALL CHARGES OF ATTORNEYS AND ALL OTHER COSTS AND EXPENSES OF ANY KIND ARISING OR RESULTING FROM ANY SAID LIABILITY, DAMAGE, LOSS, CLAIMS, DEMANDS, SUITS, OR ACTIONS. THE INDEMNIFICATION OBLIGATIONS OF CONTRACTOR UNDER THIS SECTION SHALL SURVIVE THE EXPIRATION OR EARLIER TERMINATION OF THIS AGREEMENT.

18. Termination.

(A) The City Manager may terminate this Agreement for Contractor's failure to perform the work specified in this Agreement or to keep any required insurance policies in force during the entire term of this Agreement. The Contract Administrator must give the Contractor written notice of the breach and set out a reasonable opportunity to cure. If the Contractor has not cured within the cure period, the City Manager may terminate this Agreement immediately thereafter.

(B) Alternatively, the City Manager may terminate this Agreement for convenience upon 30 days advance written notice to the Contractor. The City Manager may also terminate this Agreement upon 24 hours written notice to the Contractor for failure to pay or provide proof of payment of taxes as set out in this Agreement.

19. Assignment. No assignment of this Agreement by the Contractor, or of any right or interest contained herein, is effective unless the City Manager first gives written consent to such assignment. The performance of this Agreement by the Contractor is of the essence of this Agreement, and the City Manager's right to withhold consent to such assignment is within the sole discretion of the City Manager on any ground whatsoever.

20. Severability. Each provision of this Agreement is considered to be severable and, if, for any reason, any provision or part of this Agreement is determined to be invalid and contrary to applicable law, such invalidity shall not impair the operation of nor affect those portions of this Agreement that are valid, but this Agreement shall be construed and enforced in all respects as if the invalid or unenforceable provision or part had been omitted.

21. Order of Precedence. In the event of any conflicts or inconsistencies between this Agreement, its attachments, and exhibits, such conflicts and inconsistencies will be resolved by reference to the documents in the following order of priority:

- A. this Agreement (excluding attachments and exhibits);
- B. its attachments;
- C. the bid solicitation document including any addenda (Exhibit 1); then,

D. the Contractor's bid response (Exhibit 2).

- 22. Certificate of Interested Parties.** Contractor agrees to comply with Texas Government Code Section 2252.908, as it may be amended, and to complete Form 1295 "Certificate of Interested Parties" as part of this Agreement.
- 23. Verification Regarding Israel.** In accordance with Chapter 2270, Texas Government Code, the City may not enter into a contract with a company for goods or services unless the contract contains a written verification from the company that it: (1) does not boycott Israel; and (2) will not boycott Israel during the term of the contract. The signatory executing this Agreement on behalf of the Contractor verifies that the company does not boycott Israel and will not boycott Israel during the term of this Agreement.
- 24. Governing Law.** This Agreement is subject to all federal, State, and local laws, rules, and regulations. The applicable law for any legal disputes arising out of this Agreement is the law of the State of Texas, and such form and venue for such disputes is the appropriate district, county, or justice court in and for Nueces County, Texas.
- 25. Entire Agreement.** This Agreement constitutes the entire agreement between the parties concerning the subject matter of this Agreement and supersedes all prior negotiations, arrangements, agreements and understandings, either oral or written, between the parties.

(SIGNATURE PAGE FOLLOWS)

CONTRACTOR

Signature: Michael N. Leva

Printed Name: Michael Leva

Title: President

Date: 9/4/18

CITY OF CORPUS CHRISTI

Signature: _____

Printed Name: _____

Title: _____

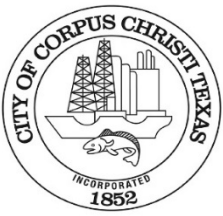
Date: _____

Attached and Incorporated by Reference:

- Attachment A: Scope of Work
- Attachment B: Bid/Pricing Schedule
- Attachment C: Insurance and Bond Requirements
- Attachment D: Warranty Requirements

Incorporated by Reference Only:

- Exhibit 1: RFB/RFP No. 1659
- Exhibit 2: Contractor's Bid/Proposal Response



ATTACHMENT A: SCOPE OF WORK

1.1 General Requirements/Background Information

- A. The Contractor shall provide chemical analysis for Water Utilities Lab, Wastewater division and Pretreatment division. Contractor shall perform chemical analysis as per the requirements outlined in Exhibits A to C.
- B. The Contractor shall conduct tests as per 40 Code of Federal Regulations (CFR) 136 – Water Methods.
- C. The Contractor shall be responsible for providing labor, technician, equipment and transportation for these services.
- D. The Laboratory shall be accredited by TNI (NELAP). The City reserves the right to inspect the facility before start of the contract or any time after the contract.

1.2 Types of Chemical Analysis

A. Water Utilities Lab - Exhibit A

- 1. Mineral Set Analysis
- 2. Metal Analysis
- 3. Storm water runoff Analysis
- 4. Trihalomethanes (TTHMS Analysis)

B. Wastewater Division - Exhibit B

- 1. Metals

C. Pretreatment Division – Exhibit C

- 1. 1st thru 4th Quarter Sampling
- 2. 1st Quarter Sampling
- 3. 3rd Quarter Sampling
- 4. Biosolids Testing

1.3 Sample Bottles and Shipment

- A. The Contractor must provide pre-labeled containers with preservative (where applicable) and ice chest/coolers for sample collection. The Chain of Custody use shall be provided by the Contractor. Actual data used to calculate Precision and Accuracy must be provided on the final report. The Minimum Analytical Levels (MAL/RL) must be achieved unless it is otherwise specified.
- B. The Contractor shall be responsible for picking up and drop off samples/container from the Lab. The Contractor shall arrange a schedule for pickup and drop off with the Contract Administrator.

1.4 Special Instruction

- A. The Contractor shall be responsible for providing reports to the Contract Administrator/Lab Manager. The Contract Administrator are provided in Exhibit D.
- B. Any outliers or change in analytical order shall be approved by the Lab Contract Administrator prior to proceeding with analysis.

1.5 Invoicing

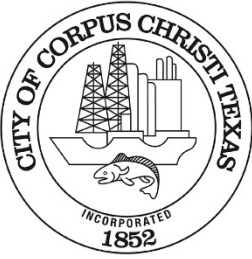
The Contractor shall invoice separately for each division/lab and submit a copy to the respective Contract Administrator.

1.6 Contractor Quality Control and Superintendence

The Contractor shall establish and maintain a complete Quality Control Program that is acceptable to the Contract Administrator to assure that the requirements of the Contract are provided as specified. The Contractor will also provide supervision of the work to insure it complies with the contract requirements.

1.7 Deliverables

The Contractor shall perform all analysis as per established methods and submit reports to the respective Contract Administrator/Lab Manager.



CITY OF CORPUS CHRISTI
Revised BID FORM 07/06/2018
PURCHASING DIVISION
RFB No. 1659

Chemical Analysis for Utilities Department

PAGE 1 OF 8

Date: July 12, 2018Bidder: Analysys, Inc.Authorized
Signature:Michael N. Lue

- 1. Refer to "Instructions to Bidders" and Contract Terms and Conditions before completing bid.**
- 2. Quote your best price for each item.**
- 3. In submitting this bid, Bidder certifies that:**
 - a. the prices in this bid have been arrived at independently, without consultation, communication, or agreement with any other Bidder or competitor, for the purpose of restricting competition with regard to prices.
 - b. Bidder is an Equal Opportunity Employer, and the Disclosure of Interest information on file with City's Purchasing office, pursuant to the Code of Ordinances, is current and true.
 - c. Bidder is current with all taxes due and company is in good standing with all applicable governmental agencies.
 - d. Bidder acknowledges receipt and review of all addenda for this RFB.

Item	Description	UNIT	QTY	Unit Price	Total Price
A	Water Utilities Lab				
	Mineral Set				
A.1	Aluminum	EA	360	\$7.00	\$2,520.00
A.2	Arsenic, Total	EA	240	\$7.00	\$1,680.00
A.3	Arsenic Dissolved	EA	220	\$7.00	\$1,540.00
A.4	Atrazine	EA	220	\$125.00	\$27,500.00
A.5	Barium	EA	220	\$7.00	\$1,540.00
A.6	Cadmium	EA	220	\$7.00	\$1,540.00
A.7	Copper	EA	360	\$7.00	\$2,520.00
A.8	Iron	EA	360	\$7.00	\$2,520.00
A.9	Lead	EA	360	\$7.00	\$2,520.00
A.10	Manganese	EA	360	\$7.00	\$2,520.00
A.11	Mercury	EA	220	\$15.00	\$3,300.00
A.12	Silica	EA	360	\$7.00	\$2,520.00
A.13	Sodium	EA	360	\$7.00	\$2,520.00
	Metal Analysis				

A.14	Copper	EA	240	\$7.00	\$1,680.00
A.15	Zinc	EA	640	\$7.00	\$4,480.00
	Storm water Runoff Analysis				
A.16	Cadmium	EA	80	\$7.00	\$560.00
A.17	Copper	EA	80	\$7.00	\$560.00
A.18	Chromium	EA	80	\$7.00	\$560.00
A.19	Lead	EA	80	\$7.00	\$560.00
A.20	Nickel	EA	80	\$7.00	\$560.00
A.21	Zinc	EA	80	\$7.00	\$560.00
A.22	Diazinon	EA	80	\$125.00	\$10,000.00
A.23	Total Cyanide	EA	120	\$20.00	\$2,400.00
	Trihalomethanes				
A.24	TTHMs	EA	600	\$70.00	\$42,000.00
B	Wastewater Division				
B.1	Arsenic, Total	EA	80	\$7.00	\$560.00
B.2	Barium	EA	80	\$7.00	\$560.00
B.3	Cadmium	EA	80	\$7.00	\$560.00
B.4	Chromium	EA	80	\$7.00	\$560.00
B.5	Copper	EA	2320	\$7.00	\$16,240.00
B.6	Lead	EA	80	\$7.00	\$560.00
B.7	Manganese	EA	80	\$7.00	\$560.00
B.8	Mercury	EA	80	\$15.00	\$1,200.00
B.9	Molybdenum	EA	80	\$7.00	\$560.00
B.10	Nickel	EA	80	\$7.00	\$560.00
B.11	Selenium	EA	80	\$7.00	\$560.00
B.12	Silver	EA	80	\$7.00	\$560.00
B.13	Zinc	EA	80	\$7.00	\$560.00
C	Pretreatment Division				
C.1	1st, 2nd, 3rd and 4th Quarter Sampling				
C1.1	Volatile Compounds *includes	EA	40	\$90.00	\$3,600.00
	Acrolein				
	Acrylonitrile				
	Benzene				
	Bromoform				
	Carbon tetrachloride (tetrachloromethane)				
	Chlorobenzene				
	Chlorodibromomethane				
	Chloroethane				
	2-Chloroethylvinyl Ether				

	Chloroform				
	Dichlorobromethane				
	1,1 – Dichloroethane				
	1,2 – Dichloroethane				
	1,1 – Dichloroethylene				
	1,2 – Dichloropropane				
	1,3- Dichloropropylene				
	Ethyl benzene				
	Methyl Bromide				
	Methyl Chloride				
	Methylene Chloride				
	1,1,2,2- Tetra chloroethane				
	Tetrachloroethylene				
	Toulene				
	1,2- TransDichloroethylene				
	1,1,1- Trichloroethane				
	1,1,2- Trichloroethane				
	Trichloroethylene				
	Vinyl Chloride				
C.1.2	Acid Compounds *includes	EA	40	\$85.00	\$3,400.00
	2- Chlorophenol				
	2,4 – Dichlorophenol				
	2,4- Dimethylphenol				
	4,6 – Dinitro-o-Cresol				
	2,4 – Dinitrophenol				
	2- Nitrophenol				
	4- Nitrophenol				
	P-Chloro-m-Cresol				
	Pentachlorophenol				
	Phenol				
	2,4,6 - Trichlorophenol				
C.1.3	Base/Neutral Compounds *includes	EA	40	\$85.00	\$3,400.00
	Acenaphthene				
	Acenaphthylene				
	Anthracene				
	Benzidine				
	Benzo(a) Anthracene				
	Benzo(a) Pyrene				
	3,4- Benzoflroranthene				
	Benzo(ghi)Perylene				
	Benzo(K) Fluoranthene				
	Bis(2-Chloroethoxy) Methane				
	Bis(2-Chloroethyl) Ether				
	Bis(2-Chloroisopropyl) Ether				

	Bis(2-Ethylhexyl) Phthalate				
	4- Bromophenol Phenyl Ether				
	Butyl benzyl Phthalate				
	2-Chloronaphthalene				
	4-Chlorophenyl Phenyl ether				
	Chrysene				
	Dibenzo(a,h) Anthracene				
	1,2 – Dichlorobenzene				
	1,3- Dichlorobenzene				
	1,4- Dichlorobenzene				
	3,3- Dichlorobenzidine				
	Diethyl Phthalate				
	Dimethyl Phthalate				
	Di-n-Butyl Phthalate				
	2,4- Dinitro toluene				
	2,6 – Dinitro toluene				
	Di-n- Octyl Phthalate				
	1,2- Diphenyl Hydrazine				
	Fluoranthene				
	Florene				
	Hexachlorobenzene				
	Hexachlorobutadiene				
	Hexachloro-cyclopentadiene				
	Indeno(1,2,3-cd) pyrene				
	Isophorone				
	Naphthalene				
	Nitrobenzene				
	N-Nitroso dimethylamine				
	N-Nitroso-n-Propylamine				
	N-Nitroso diphenylamine				
	Phenanthrene				
	Pyrene				
	1,2,4-Trichlorobenzene				
C.1.4	Pesticides *includes	EA	40	\$180.00	\$7,200.00
	Aldrin				
	Alpha hexachlorocyclohexane				
	Beta-BHC				
	Gamma-BHC (Lindane)				
	Delta -BHC				
	Chlordane				
	4,4-DDT				
	4,4-DDE				
	4,4-DDD				
	Dieldrin				
	Alpha-Endosulfan				

	Beta-Endosulfan				
	Endosulfan Sulfate				
	Endrin				
	Endrin Aldehyde				
	Heptachlor				
	Heptachlor Epoxide				
	Polychlorinated biphenols(PCBs) The sum of PCB concentrations not to exceed daily average value				
	PCB -1242				
	PCB-1254				
	PCB-1221				
	PCB-1232				
	PCB-1248				
	PCB-1260				
	PCB-1016				
	Toxaphene				
C.2	Chapter 307 *includes	EA	40	\$1,500.00	\$60,000.00
	Aluminum				
	Barium				
	Bis(chloromethyl) ether				
	Carbaryl				
	Chlorpyrifos				
	Cresols				
	2,4-D				
	Danitol				
	Demeton				
	Diazinon				
	Dicofol				
	Dioxin/Furans				
	Diuron				
	Fluoride				
	Guthion				
	Hexachlorophene				
	Malathion				
	Methoxychlor				
	Methyl Ethyl Ketone				
	Mirex				
	Nitrate- Nitrogen				
	N-Nitrosodiethylamine				
	N-Nitroso-di-n-Butylamine				
	Nonylphenol				
	Parathion				
	Pentachlorobenzene				

	Pyridine				
	1,2-Dibromoethane				
	1,2,4,5 – Tetrachlorobenzene				
	2,4,5- TP (Silvex)				
	Tributyltin				
	2,4,5 - Trichlorophenol				
	TTHM (Total trihalomethanes)				
C.3	Metals, Cyanide and Phenols				
C.3.1	Total Cyanide	EA	512	\$20.00	\$10,240.00
C.3.2	Total Phenols	EA	512	\$20.00	\$10,240.00
C.3.3	Total Metals *includes	EA	128	\$150.00	\$19,200.00
	Antimony, Total				
	Arsenic, Total				
	Beryllium, Total				
	Cadmium, Total				
	Chromium, Total				
	Chromium (Hex)				
	Chromium (Tri)				
	Copper, Total				
	Lead, Total				
	Mercury, Total				
	Nickel, Total				
	Selenium, Total				
	Silver, total				
	Thallium, Total				
	Zinc, Total				
	Cyanide, Available				
C.4	Bio Solid Testing				
C.4.1	TCLP Metals *includes	EA	24	\$90.00	\$2,160.00
	Arsenic				
	Barium				
	Cadmium				
	Chromium				
	Lead				
	Mercury				
	Selenium				
	Silver				
C.4.2	TCLP Volatiles *includes	EA	24	\$90.00	\$2,160.00
	Benzene				
	Carbon Tetrachloride				
	Chlorobenzene				

	Chloroform				
	1,4- dichlorobenzene				
	1,2-dichloroethane				
	1,1-dichloroethylene				
	Methyl ethyl ketone				
	Tetrachloroethylene				
	Trichloroethylene				
	Vinyl Chloride				
C.4.3	TCLP Semi-Volatiles *includes	EA	24	\$120.00	\$2,880.00
	Chlordane				
	2,4-D				
	2,4-dinitrotoluene				
	Endrin				
	Heptachlor				
	Hexachlorobenzene				
	Hexachlorobutadiene				
	Hexachloroethane				
	Lindane				
	Cresols (total) o, m,p				
	Methoxychor				
	Nitrobenzene				
	Pentachlorophenol				
	Pyridine				
	Toxaphene				
	2,4-5-trichlorophenol				
	2,4-6-trichlorophenol				
	2,4-5-TP (Silvex)				
C.4.4	Significant Industrial Users (SIU) Annual Samples				
C.4.1	Oil and Grease	EA	4	\$25.00	\$100.00
C.4.2	Phenols	EA	4	\$20.00	\$80.00
C.4.3	Arsenic	EA	4	\$7.00	\$28.00
C.4.4	Cadmium	EA	4	\$7.00	\$28.00
C.4.5	Total Chromium	EA	8	\$7.00	\$56.00
C.4.6	Copper	EA	4	\$7.00	\$28.00
C.4.7	Cyanide	EA	4	\$20.00	\$80.00
C.4.8	Lead	EA	8	\$7.00	\$56.00
C.4.9	Mercury	EA	4	\$15.00	\$60.00
C.4.10	Nickel	EA	4	\$7.00	\$28.00
C.4.11	Silver	EA	4	\$7.00	\$28.00
C.4.12	Zinc	EA	4	\$7.00	\$28.00
C.4.13	Non-polar Oil and Grease	EA	4	\$25.00	\$100.00
C.4.14	Total Toxic Organics	EA	4	\$420.00	\$1,680.00

C.4.15	Cobalt	EA	4	\$7.00	\$28.00
C.4.16	Tin	EA	4	\$7.00	\$28.00
C.4.17	Bis (2-ethylexyl) phthalate	EA	4	\$25.00	\$100.00
C.4.18	Carbazole	EA	4	\$25.00	\$100.00
C.4.19	O-Cresole	EA	4	\$25.00	\$100.00
C.4.20	p-Cresole	EA	4	\$25.00	\$100.00
C.4.21	Fluoranthene	EA	4	\$25.00	\$100.00
C.4.22	n-Octadecane	EA	4	\$25.00	\$100.00
	TOTAL				\$269,776.00

ATTACHMENT C: INSURANCE REQUIREMENTS

I. CONTRACTOR'S LIABILITY INSURANCE

- A. Contractor must not commence work under this contract until all insurance required has been obtained and such insurance has been approved by the City. Contractor must not allow any subcontractor, to commence work until all similar insurance required of any subcontractor has been obtained.
- B. Contractor must furnish to the City's Risk Manager and Contract Administrator one (1) copy of Certificates of Insurance with applicable policy endorsements showing the following minimum coverage by an insurance company(s) acceptable to the City's Risk Manager. The City must be listed as an additional insured on the General liability and Auto Liability policies **by endorsement**, and a waiver of subrogation **endorsement** is required on GL, AL and WC if applicable. **Endorsements** must be provided with Certificate of Insurance. Project name and/or number must be listed in Description Box of Certificate of Insurance.

TYPE OF INSURANCE	MINIMUM INSURANCE COVERAGE
30-day advance written notice of cancellation, non-renewal, material change, or termination required on all certificates and policies.	Bodily Injury and Property Damage Per occurrence - aggregate
COMMERCIAL GENERAL LIABILITY including: 1. Commercial Broad Form 2. Premises – Operations 3. Products/ Completed Operations 4. Contractual Liability 5. Independent Contractors 6. Personal Injury- Advertising Injury	\$1,000,000 Per Occurrence \$1,000,000 Aggregate
AUTO LIABILITY (including) 1. Owned 2. Hired and Non-Owned 3. Rented/Leased	\$1,000,000 Combined Single Limit

WORKERS'S COMPENSATION (All States Endorsement if Company is not domiciled in Texas) Employers Liability	Statutory and complies with Part II of this Exhibit. \$500,000/\$500,000/\$500,000
--	---

- C. In the event of accidents of any kind related to this contract, Contractor must furnish the Risk Manager with copies of all reports of any accidents within 10 days of the accident.

II. ADDITIONAL REQUIREMENTS

- A. Applicable for paid employees, Contractor must obtain workers' compensation coverage through a licensed insurance company. The coverage must be written on a policy and endorsements approved by the Texas Department of Insurance. The workers' compensation coverage provided must be in statutory amounts according to the Texas Department of Insurance, Division of Workers' Compensation. An All States Endorsement shall be required if Contractor is not domiciled in the State of Texas.
- B. Contractor shall obtain and maintain in full force and effect for the duration of this Contract, and any extension hereof, at Contractor's sole expense, insurance coverage written on an occurrence basis by companies authorized and admitted to do business in the State of Texas and with an A.M. Best's rating of no less than A- VII.
- C. Contractor shall be required to submit renewal certificates of insurance throughout the term of this contract and any extensions within 10 days of the policy expiration dates. All notices under this Exhibit shall be given to City at the following address:

City of Corpus Christi
Attn: Risk Manager
P.O. Box 9277
Corpus Christi, TX 78469-9277

- D. Contractor agrees that, with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following required provisions:**

- List the City and its officers, officials, employees, and volunteers, as additional insureds by endorsement with regard to operations, completed operations, and activities of or on behalf of the named insured performed under contract with the City, with the exception of the workers' compensation policy;

- Provide for an endorsement that the "other insurance" clause shall not apply to the City of Corpus Christi where the City is an additional insured shown on the policy;
 - Workers' compensation and employers' liability policies will provide a waiver of subrogation in favor of the City; and
 - Provide thirty (30) calendar days advance written notice directly to City of any, cancellation, non-renewal, material change or termination in coverage and not less than ten (10) calendar days advance written notice for nonpayment of premium.
- E. Within five (5) calendar days of a cancellation, non-renewal, material change or termination of coverage, Contractor shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to suspend Contractor's performance should there be a lapse in coverage at any time during this contract. Failure to provide and to maintain the required insurance shall constitute a material breach of this contract.
- F. In addition to any other remedies the City may have upon Contractor's failure to provide and maintain any insurance or policy endorsements to the extent and within the time herein required, the City shall have the right to order Contractor to stop work hereunder, and/or withhold any payment(s) which become due to Contractor hereunder until Contractor demonstrates compliance with the requirements hereof.
- G. Nothing herein contained shall be construed as limiting in any way the extent to which Contractor may be held responsible for payments of damages to persons or property resulting from Contractor's or its subcontractor's performance of the work covered under this contract.
- H. It is agreed that Contractor's insurance shall be deemed primary and non-contributory with respect to any insurance or self-insurance carried by the City of Corpus Christi for liability arising out of operations under this contract.
- I. It is understood and agreed that the insurance required is in addition to and separate from any other obligation contained in this contract.

2018 Insurance Requirements

Utilities -Water

Lab Analysis

01/26/2018 cg Risk Management

Valid Through 12/31/2018

ATTACHMENT D: WARRANTY REQUIREMENTS

There is no warranty requirement for these services.