



CITY OF PERRIS

PUBLIC WORKS DEPARTMENT

ATTACHMENT 3: BID FORMS



GRIT. INTEGRITY. EXPERTISE. FAMILY.

Specification No. FCD1- 2023-24-01
**Storm Drain System
Maintenance,
Inspection, and Related
Services**

Prepared for:

City of Perris

DOWNSTREAMSERVICES.COM

Prepared by:
Downstream Services, Inc.
2855 Progress Place
Escondido, CA 92029



City of Perris
Attn: Jessica Galloway
1015 S. G Street
Perris, CA 92570
Ph: (951) 657-3280

**Subject: Specification No. FCD1- 2023-24-01
Storm Drain System Maintenance, Inspection, and Related Services**



Downstream Services, Inc. is pleased to submit our bid for the above referenced project. We are a California certified small business enterprise (30938) and are fully committed to providing personnel, "state-of-the-art" equipment, and all resources necessary to successfully complete this project within budget and time constraints. Downstream Services, Inc. will perform the work in accordance with the Highest Industry Standards while remaining in compliance with all Federal, State and the City's regulations and ordinances.



Downstream Services, Inc. has read and will comply with all terms and conditions of the bid documents and include all project-specific references requested. We hereby acknowledge receipt of Addendum A of the bid.

The only persons, companies, and/or parties interested in this bid submittal as Shareholders of the Corporation and authorized to sign the proposal and/or negotiate for Downstream Services, Inc. are as follows:

Wilma G. Roberts – President
(760) 746-2544 | (760) 497-4850
WilmaR@downstreamservices.com

Victor N. Roberts – Vice President
(760) 746-2544 | (619) 520-5167
VictorR@downstreamservices.com

Loren V. Roberts – VP of Sales & Marketing
(760) 746-2544 | (760) 814-9648
LorenR@downstreamservices.com

Clark A. Roberts – VP of Operations
(760) 746-2544 | (760) 692-2894
ClarkR@downstreamservices.com



The bid will remain valid for a period of up to 45 days from August 2, 2023. Downstream Services, Inc. looks forward to working for The City of Perris. Please feel free to contact any of the above with any questions or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Wilma Roberts'.

Wilma G. Roberts – President
Downstream Services, Inc.
2855 Progress Place, Escondido, CA 92029
Phone: (760) 746-2544 | (800) 262-0999
Fax: (760) 746-2667
www.downstreamservices.com





CORPORATE RESOLUTION
OF
DOWNSTREAM SERVICES, INC.

We, the undersigned, being all the Directors and Shareholders of Downstream Services, Inc., organized and existing under the laws of California, and having its principal place of business at 2855 Progress Place, Escondido, California 92029 (the "Corporation"), hereby certify that the following is a true and correct copy of a resolution duly adopted at a meeting of the Directors and Shareholders of the Corporation duly held and convened on January 07, 2022, at which a quorum of the Board of Directors was present and voting throughout, and that such resolution has not been modified, rescinded or revoked, and is at present in full force and effect:

Therefore, it is resolved:

To appoint Wilma Roberts, President and Secretary as authorized signatory to the Corporation.

To appoint Victor Roberts, Vice President as additional signatory to the Corporation.

To authorize Director and Officer Loren Roberts, Vice President of Sales & Marketing as additional signatory to approve bids, contracts, and surety bonds.

To authorize Officer Clark Roberts, Vice President of Operations as additional signatory to approve bids, contracts, and surety bonds.

By affirmative votes noted as signatures below, a majority vote of the Members of Downstream Services, Inc. with authority to bind the Company approves the form and content of this resolution, to be effective immediately.

DIRECTORS

Wilma Roberts, President

1/7/2022

Date

Victor Roberts, Vice President

1/7/2022

Date

SHAREHOLDERS

Wilma Roberts, President

1/7/2022

Date

Victor Roberts, Vice President

1/7/2022

Date



CORPORATE RESOLUTION
OF
DOWNSTREAM SERVICES, INC.



[CORPORATE SEAL]

CERTIFICATE OF SECRETARY

The Secretary of the Corporation hereby certifies that he/she is the duly elected and qualified Secretary of Downstream Services, Inc. and certifies that the above is a true and correct record of the resolution that was duly adopted by the Directors and Shareholders of the Corporation on January 07, 2022.

A handwritten signature in blue ink, appearing to read "WR", written over a horizontal line.

Wilma Roberts, Secretary

Company Name and Address

Downstream Services, Inc.
2855 Progress Place
Escondido, CA 92029

Toll Free: (800) 262-0999
Phone: (760) 476-2544
Fax: (760) 746-2667

Legal Status & Tax Identification Number

S Corporation
FEIN: 80-0011534
DIR: 1000004632
License: 807953 A, C31 HAZ
SBE #: 30938

Primary Contact for RFQ

Robert Carr, Project Manager
Direct Line: (760) 814-9703
Cell Phone: (760) 975-5686
Email: Robertc@downstreamservices.com

Company Introduction / Executive Summary

Downstream Services, Inc. [DSI] is a certified small business enterprise, incorporated in 2002, and is recognized for its dynamic approach and professionalism within the environmental industry. We specialize in the assessment, maintenance, and rehabilitation of stormwater, wastewater, and underground utility systems. Currently, Downstream Services retains 77 employees between our two locations, which include our Corporate Office located in Escondido, CA and our satellite office located in Ventura, CA. Some of the services we provide include pipeline cleaning/hydro-jetting, CCTV inspection for condition assessment per the national standard (NASSCO PACP), pipeline rehabilitation, storm water compliance, pump station maintenance and instrumentation, and the underground installation of wet utilities.

Our highly skilled personnel and substantial fleet of specialty equipment serves the needs of California communities, delivering quality service and customer experience that is centered on the client's goals and objectives. By taking the time to truly listen to and understand our customers, we ensure the

best possible outcome for every project, regardless of its size or complexity. We are the defenders of our water resources, and the life it supports.

DSI strives to ensure the sustainability of our waterways for future generations by addressing pollution prevention, establishing Preventative Maintenance Programs (PMP), Treatment Control Programs (TCP), and providing ongoing education to our staff and clients. In accordance with the Clean Water Act (CWA) and National Pollutant Discharge Elimination System Permit Program (NPDES), we have established a dedicated Stormwater division to assist clients with compliance of Federal, State, and local regulations. Scheduled inspection and maintenance of stormwater conveyance systems is not only a requirement but is also important to effectively sustain our water resources.

DSI is a turnkey environmental firm. We perform inspections, maintenance, and repairs for a variety of systems without the need of subcontractors. Due to our ability to complete these various scopes without subs, our communication from the field to the Client is streamlined. Our highly skilled personnel and substantial fleet of specialty equipment serves the needs of California communities, delivering quality service and customer experience that is centered on the client's goals and objectives. By taking the time to truly listen and understand our customers, we ensure the best possible outcome on every project, regardless of its size or complexity. We are the defenders of our water resources, and the life it supports.

Company Profile

DSI has continuously provided critical solutions in environmental compliance for over 20 years through working with private owners, county/city agencies and state or federal facilities. Our team of technicians and operators are skilled cleaning and maintenance professionals who excel in expeditions situations while ensuring environmental compliance is being followed and proper reporting is being conducted. Downstream Services also staffs specialized underground repair specialists who can tackle a number of steel, concrete, or cured in place structure repairs.

DSI also has an equally experienced office staff comprised of professionals who are equipped to manage difficult and multifaceted jobs. These individuals can provide the engineering and technical support necessary to ensure the field staff can successfully perform all work on time and on budget.

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BID DOCUMENTS CHECKLIST

Please insure that you have completed the following documents and have submitted originals with your proposal, as only responsive bids will be considered.

- [] Part I Procedural Documents - Bid pages BF-1 to BF-25
 - [✓] Bid pages BF-1 to BF-7
 - Bid Schedule of Values
 - Equal Employment Opportunity Certification
 - Non-Collusion Affidavit
 - Debarment and Suspension Certification
 - Non-Lobbying Certification
 - Addenda and Signature Page
 - [✓] Bid Bond pages BF-8A to BF-8C
 - [✓] Designation of Sub-Contractors page BF-9
 - [✓] Listing of Manufacturers page BF-10
 - [✓] Anti-Trust Claim page BF-11
 - [✓] Contractor's certification concerning worker's compensation insurance page BF-12
 - [✓] Certification of non-discrimination page BF-13
 - [✓] Experience Statement BF-14
 - [✓] Public Works Contractor Registration Documentation BF-15
 - [✓] Testing Requirements BF-16
 - [✓] Hazardous Materials Testing/Manifest Requirements BF-17 to BF-25

NOTICE TO ALL BIDDERS

Completion and submittal of all enclosed forms including, but not limited to sheets BF-9 & BF-10 is required and must be included with original bid. Failure to submit the required documents shall be deemed as an incomplete bid and shall not be considered by City as a valid bid.

BID FORM

Bid Date: **August 2, 2023 ~~July 28, 2023~~**
Time: 5:00 p.m. (PST)
Place: 101 North "D" Street, Perris, CA - Online through Active Bidder
Project: Storm Drain System Maintenance, Inspection, and Related Services (Spec. No. #FCD1-2023-24-01)

TO THE CITY OF PERRIS, hereinafter called the Agency, the undersigned, as Bidder, declares that he has carefully examined the location of the project, that he has examined the plans and specifications and addenda (if any), and has read the Information for Bidders, and hereby proposes and agrees, if this bid is accepted, to furnish all materials to do all work required to complete the said plans and specifications in the time and manner herein prescribed for the Bid Price set forth in the Schedule of Bid Items.

Proposal of Downstream Services, Inc., hereinafter called "Bidder", organized and existing under the laws of the State of California, doing business as an S Corporation. Insert "a corporation", "a partnership", "a joint venture", or "an individual", as applicable.

No separate payment will be made for any item that is not specifically set forth in the Schedule of Bid Items. All costs, therefore, shall be included in the prices named in the Schedule of Bid Items for the various appurtenant items of work. In case of discrepancy between words and figures, words shall prevail.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies, as to his own organization that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor. Since time is of the essence, Bidder hereby agrees to commence work under this Contract on September 11, 2023, and to fully complete all work on or before the time periods specified in the Contract Documents after receiving the Notice to Proceed. The Bidder agrees that failure to complete work within the time allowed will result in damages being sustained by the City. Bidder and City agree that failure to complete the project will result in inconvenience to the citizens of PERRIS. The parties also agree that failure to complete the project on time will prevent the City from having use of the affected facilities. Therefore, the parties agree such damages among others are, and will continue to be, impracticable and extremely difficult to determine, but that \$500 a calendar day is the minimum value of such costs to the City and is a reasonable amount that the Bidder agrees to reimburse the City for each calendar day of delay in finishing the work in excess of the time specified for completion, plus any authorized time extensions. Execution of the contract under these specifications shall constitute agreement by the Bidder and the City that the above indicated liquidated damage amount per calendar day is the minimum value of the costs and actual damage caused by failure of the Bidder to complete the work within the allotted time, that such sum is liquidated damages and shall not be construed as a penalty, and that such sum may be deducted from payments due the Bidder if such delay occurs. Said amount may be reduced by the City if work is sufficiently completed within the allotted time so that the damages are minimized. The undersigned, as Bidder proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the following prices, to wit:

BF-1

STORM DRAIN SYSTEM MAINTENANCE, INSPECTIONS AND RELATED SERVICES
(SPEC.#FCD 1-2023-24-01)

Schedule of Bid Items

Bidder (Company Name): Downstream Services, Inc.

The bid prices stated below shall include all cost for profit, overhead, material, labor, transportation, taxes, installation work and all other incidental cost and work that are necessary to complete all items as specified on the project plans and delineated in the project specifications ready for use by the City. "Unit Price" will be calculated to include the number of cleanings required per year. Costs may escalate annually after the second year during the extension periods based on the "~~Common Labor, Construction Cost Index~~", as published by Engineering News-Record (ENR), in subsequent years, Consumer Price Index (CPI) or 3% whichever is lower, for the two 1-year extension periods.

Note: *Unit Price to be the total yearly amount as noted in the "Item Description" (either once, twice, or three times).

BASE BID SCHEDULE

(A)	(B)	(C)	=	Yearly Price (Figures)
BID ESTIMATED ITEM QUANTITY NO. AND UNIT	ITEM DESCRIPTION	UNIT PRICE (Figures)		(AxC)

1) Bid Schedule - North

A. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]

Bid Item #	Unit	Item Description	Unit Price*	Total Cost
1.	340 EA	339 Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>224.00</u> /E.A.	\$ <u>76,160.00</u>
2.	340 EA	339 Inspect, photo document, and log conditions before and after cleaning of catch basins and Inlets, per plans and	\$ <u>2.00</u> /E.A.	\$ <u>680.00</u>

BF-2A

		specifications (2 times per year)		
3.	242 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>502.00</u> /E.A.	\$ <u>121,484.00</u>
4.	242 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>726.00</u>
5.	1 EA	Remove and dispose of debris from catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>390.00</u> /E.A.	\$ <u>390.00</u>
6.	1 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>3.00</u>
7.	541 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>5.00</u> /E.A.	\$ <u>2,705.00</u>
8.	144 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>316.00</u> /L.F.	\$ <u>45,504.00</u>
9.	8 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and	\$ <u>2.00</u> /E.A.	\$ <u>16.00</u>

BF-2B

specifications (2 times per year)

10.	83,865 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under, per plans and specification (once-every two years)	\$ <u>1.33</u> /L.F.	\$ <u>111,540.45</u>
11.	27,112 27,356 LF	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once-every two years)	\$ <u>2.77</u> /L.F.	\$ <u>75,100.24</u>
12.	110,977 111,221 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once-every two years)	\$ <u>1.35</u> /L.F.	\$ <u>149,818.95</u>
13.	12,980 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>2.77</u> /L.F.	\$ <u>35,954.60</u>
14.	12,980 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>0.96</u> /L.F.	\$ <u>12,460.80</u>
15.	12 EA	Remove and dispose of debris from Hydrodynamic Separator, CDS Model PSW 30-30 (CDS3030) per plans	\$ <u>3,383.00</u> /E.A.	\$ <u>40,596.00</u>

BF-2C

and specifications (**annually
~~once every two years~~**)

- | | | | | |
|-----|-------|---|--------------------------|---------------------|
| 16. | 12 EA | Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic separators, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually once every two years) | \$ <u>1.00</u> /E.A. | \$ <u>12.00</u> |
| 17. | 4 EA | Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 5000 (VX5000) per plans and specifications (annually once every two years) | \$ <u>4,826.00</u> /E.A. | \$ <u>19,304.00</u> |
| 18. | 4 EA | Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separators, Model Vortech 5000 (VX5000) per plans and specifications (annually once every two years) | \$ <u>1.00</u> /E.A. | \$ <u>4.00</u> |
| 19. | 1 EA | Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually once every two years) | \$ <u>3,147.00</u> /E.A. | \$ <u>3,147.00</u> |
| 20. | 1 EA | Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and | \$ <u>1.00</u> /E.A. | \$ <u>1.00</u> |

BF-2D

		specifications (annually once- every two years)		
21.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually once- every two years)	\$ <u>6,087.00</u> /E.A.	\$ <u>12,174.00</u>
22.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually once- every two years)	\$ <u>1.00</u> /E.A.	\$ <u>2.00</u>
23.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually once- every two years)	\$ <u>2,561.00</u> /E.A.	\$ <u>2,561.00</u>
24.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually once- every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
25.	3 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once- every two years)	\$ <u>9,052.00</u> /E.A.	\$ <u>27,156.00</u>

BF-2E

26.	3 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>3.00</u>
27.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>5,457.00</u> /E.A.	\$ <u>5,457.00</u>
28.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
29.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once every two years)	\$ <u>7,179.00</u> /E.A.	\$ <u>7,179.00</u>
30.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
31.	1-LS	Jetter/Vacuum Truck – Emergency Work (100 Hrs.)	\$ _____ /L.S.	\$ _____

BF-2F

B. YEAR 2 [and Year 4 (second year of the two 1-year extensions)]

BiBid Item #	Unit	Item Description	Unit Price*	Total Cost
331. 32. 340 339 -EA		Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>231.00</u> /E.A.	\$ <u>78,540.00</u>
32. 33. 340 339 EA		Inspect, photo document, and log conditions before and after cleaning of catch basins and inlets, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>680.00</u>
33. 34. 242 EA		Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>517.00</u> /E.A.	\$ <u>125,114.00</u>
34. 35. 242 EA		Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>726.00</u>
35. 36. 1 EA		Remove and dispose of debris from catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>402.00</u> /E.A.	\$ <u>402.00</u>
36. 37. 1 EA		Inspect, photo document, and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>3.00</u>
37. 38. 541 EA		Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>5.00</u> /E.A.	\$ <u>2,705.00</u>

BF-2G

- ~~38. 39.~~ 144 LF Remove and dispose of debris \$ 326.00 /L.F. \$ 46,944.00
from under sidewalk drain, per
plans and specifications (2
times per year)
- ~~39. 40.~~ 144 LF Inspect, photo document, and \$ 2.00 /L.F. \$ 288.00
log conditions before and after
cleaning of under sidewalk
drain, per plans and
specifications (2 times per year)
40. 12 EA Remove and dispose of debris \$ 3,485.00 /E.A. \$ 41,820.00
from Hydrodynamic
Separator, CDS Model PSW
30-30 (CDS3030) per plans
and specifications (annually)
41. 12 EA Inspect, photo document, and \$ 1.00 /E.A. \$ 12.00
log conditions before and
after cleaning of
Hydrodynamic separators,
CDS Model PSW 30-30
(CDS3030) per plans and
specifications (annually)
42. 4 EA Remove and dispose of debris \$ 4,971.00 /E.A. \$ 19,884.00
from Hydrodynamic
Separator, Model Vortech
5000 (VX5000) per plans and
specifications (annually)
43. 4 EA Inspect, photo document, and \$ 1.00 /E.A. \$ 4.00
log conditions before and
after cleaning of
Hydrodynamic Separators,
Model Vortech 5000 (VX5000)
per plans and specifications
(annually)
44. 1 EA Remove and dispose of debris \$ 3,241.00 /E.A. \$ 3,241.00
from Hydrodynamic

BF-2H

**Separator, Model Vortech
3000 (VX3000) per plans and
specifications (annually)**

- 4 45. 1 EA Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually) \$ 1.00 /E.A. \$ 1.00
46. 2 EA Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually) \$ 6,270.00 /E.A. \$ 12,540.00
47. 2 EA Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually) \$ 1.00 /E.A. \$ 2.00
48. 1 EA Remove and dispose of debris from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually) \$ 2,637.00 /E.A. \$ 2,637.00
49. 1 EA Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually) \$ 1.00 /E.A. \$ 1.00

50.	3 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)	\$ 9,324.00 /E.A.	\$ 27,972.00
51.	3 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)	\$ 1.00 /E.A.	\$ 3.00
52.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)	\$ 5,621.00 /E.A.	\$ 5,621.00
53.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)	\$ 1.00 /E.A.	\$ 1.00
54.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually)	\$ 7,394.00 /E.A.	\$ 7,394.00
9.				
55.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually)	\$ 1.00 /E.A.	\$ 1.00
41.	1 LS	Jetter/Vacuum Truck (In Words) Emergency Work (100 Hrs.)	\$ _____ /L.S.	\$ _____ (In Figures)
32.				

BF-2J

Subtotal North ((Bid Items #1- 55 41)	One Million, One Hundred Twenty Six Thousand, Six Hundred Seventy Eight Dollars and four Cents. (In Words)	\$1,126,678.04 (In Figures)
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2) Bid Schedule - SOUTH

C. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]

Bid Item #	Unit	Item Description	Unit Price*	Total Cost
56. 42.	523 EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>224.00</u> /E.A.	\$ <u>117,152.00</u>
57. 43.	523 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>1,046.00</u>
58. 44.	119 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>502.00</u> /E.A.	\$ <u>59,738.00</u>
59. 45.	119 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>357.00</u>
60. 46.	3 EA	Remove and dispose of debris from catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	\$ <u>260.00</u> /E.A.	\$ <u>780.00</u>

BF-2K

61. 47.	3 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>6.00</u>
62. 48.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>238.00</u> /E.A.	\$ <u>1,904.00</u>
63. 49.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>16.00</u>
64. 50.	599 EA	Provide and install painted stencil message per plans and specifications (annually)	\$ <u>5.00</u> /E.A.	\$ <u>2,995.00</u>
65. 51.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>316.00</u> /L.F.	\$ <u>98,592.00</u>
66. 52.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>28.00</u>
67.	3 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #36 (3640WQA) per plans and specifications (annually)	\$ <u>6,706.00</u> /E.A.	\$ <u>20,118.00</u>

BF-2L

68.	3 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 (3640WQA) per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>3.00</u>
69.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually)	\$ <u>8,580.00</u> /E.A.	\$ <u>8,580.00</u>
70.	1 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
71.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)	\$ <u>3,866.00</u> /E.A.	\$ <u>7,732.00</u>
72.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>2.00</u>
73.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)	\$ <u>4,826.00</u> /E.A.	\$ <u>4,826.00</u>
74.	1 EA	Inspect, photo document and log condition before and after	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>

BF-2M

cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)

75.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>6,087.00</u> /E.A.	\$ <u>6,087.00</u>
76.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
77.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$ <u>4,747.00</u> /E.A.	\$ <u>4,747.00</u>
78.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
79.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans specifications (annually)	\$ <u>7,179.00</u> /E.A.	\$ <u>7,179.00</u>
80.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>

BF-2N

11000 (VX11000) per plans
and specifications (annually)

81.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans specifications (annually)	\$ <u>5,693.00</u> /E.A.	\$ <u>5,693.00</u>
82.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
83.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$ <u>5,457.00</u> /E.A.	\$ <u>10,914.00</u>
84.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>2.00</u>
85.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually)	\$ <u>9,052.00</u> /E.A.	\$ <u>9,052.00</u>
86.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator,	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>

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**Model Vortech Unit 16000
(VX16000) per plans and
specifications (annually)**

87.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)	\$ <u>10,361.00</u> /E.A.	\$ <u>10,361.00</u>
88.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
89.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$ <u>14,530.00</u> /E.A.	\$ <u>14,530.00</u>
90.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
91.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually)	\$ <u>1,934.00</u> /E.A.	\$ <u>3,868.00</u>
92.	2 EA	Inspect, photo document and log conditions before and	\$ <u>1.00</u> /E.A.	\$ <u>2.00</u>

BF-2P

98. 59.	3 EA	specifications (2 times per year) Inspect, photo document, and log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>6.00</u>
99. 60.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>245.00</u> /E.A.	\$ <u>1,960.00</u>
100. 61.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>16.00</u>
101. 62.	599 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>5.00</u> /E.A.	\$ <u>2,995.00</u>
102. 63.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>325.00</u> /L.F.	\$ <u>101,400.00</u>
103. 64.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>28.00</u>
104. 65.	101,902 101,906 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under,	\$ <u>1.37</u> /L.F.	\$ <u>139,605.74</u>

BF-2R

		per plans and specification (once-every two years)		
105. 66.	18,739 18,736 LF	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once-every two years)	\$ <u>2.85</u> /L.F.	\$ <u>53,406.15</u>
106. 67.	120,641 120,645 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once-every two years)	\$ <u>1.39</u> /L.F.	\$ <u>167,690.99</u>
107. 68.	10,560 10,834 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>2.85</u> /L.F.	\$ <u>30,096.00</u>
108. 69.	10,560 10,834 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>0.99</u> /L.F.	\$ <u>10,454.40</u>
109. 70.	3 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #36 #30 (3640WQA) per plans and specifications (annually once-every two years)	\$ <u>6,907.00</u> /E.A.	\$ <u>20,721.00</u>
110. 71.	3 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 #30 (3640WQA) per plans	\$ <u>1.00</u> /E.A.	\$ <u>3.00</u>

BF-2S

and specifications (**annually
~~once-every two years~~**)

111. 72.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually once-every two years)	\$ <u>8,837.00</u> /E.A.	\$ <u>8,837.00</u>
112. 73.	1 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually once-every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
113. 74.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually once-every two years)	\$ <u>3,982.00</u> /E.A.	\$ <u>7,964.00</u>
114. 75.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually once-every two years)	\$ <u>1.00</u> /E.A.	\$ <u>2.00</u>
115. 76.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually once-every two years)	\$ <u>4,971.00</u> /E.A.	\$ <u>4,971.00</u>

BF-2T

116. 77.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually once-every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
117.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>6,270.00</u> /E.A.	\$ <u>6,270.00</u>
118.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
119. 82.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$ <u>4,890.00</u> /E.A.	\$ <u>4,890.00</u>
120. 79.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually once-every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
121. 80.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)	\$ <u>7,394.00</u> /E.A.	\$ <u>7,394.00</u>

BF-2U

122. 81.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
123. 82.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually once every two years)	\$ <u>5,864.00</u> /E.A.	\$ <u>5,864.00</u>
124. 83.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
125. 84.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>5,621.00</u> /E.A.	\$ <u>11,242.00</u>
126. 85.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>2.00</u>
127. 86.	1 EA	Remove and dispose of debris from Hydrodynamic	\$ <u>9,324.00</u> /E.A.	\$ <u>9,324.00</u>

BF-2V

Separator, Model Vortech Unit
16000 (**VX16000**) per **plans**
and specifications (annually
~~once every two years~~)

128. 87.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
129. 88.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually once every two years)	\$ <u>10,667.00</u> /E.A.	\$ <u>10,667.00</u>
130. 89.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually once every two years)	\$ <u>1.00</u> /E.A.	\$ <u>1.00</u>
131. 90.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 JPHV-8X7-10X8 per Specifications (annually once every two years)	\$ <u>14,960.00</u> /E.A.	\$ <u>14,960.00</u>

BF-2W

94)

\$2,332,304.32

(In Figures)

(In Figures, Cont'd)

GRAND TOTAL ALL BID SCHEDULES #1-#2 ITEMS (1 through 134
94)

\$

(In Words)

Two Million, Three Hundred Thirty-Two Thousand, Three Hundred Four Dollars and Thirty-Two Cents

(In Words, Cont'd)

Please note the following regarding bids:

A. At the sole and absolute discretion of the Agency City, Award if made, will be made to one (1) lowest and responsible bidder based upon lowest total of all bid items within Base Bid shown on the North and South Maintenance Area Map, and Additive Alternative Supplemental Bid Schedules #1-#2 (Items #1-#134 94), combined; or will be made to two (2) separate lowest and responsible bidders, based upon the lowest total of all bid items shown on the North Maintenance Area Map Bid Schedule #1 (Items #1-#55 41), combined; and the lowest total of all bid items shown on the South Maintenance Area Map Bid Schedule #2 (Items #56-#134 #42-#94), combined. The Agency shall have the sole and absolute discretion to determine the best combination of individual awards that shall serve the Agency's best interest. It shall be at the City's sole discretion to determine the sequencing of the award of the geographic areas to either one or two individual bidders, which shall serve the City's best interest.

B. The Grand Total Bid Amount stated above shall include all work and cost for work as specified on the project plans and delineated in the project specifications, whether specifically listed above or not, and all other incidental and appurtenant work that is necessary to complete the specific items of work including Bidder's overhead and mark- up, purchase of materials, tools and equipment, taxes, and all other taxes and fees, transportation cost, permit fees, testing laboratory cost, and all other costs made necessary by the Contract Documents to provide the Agency City of Perris with a complete operational and facility meeting the approval of the Agency City of Perris and other agencies having jurisdiction over the project.

C. Bid is for a project complete-in-place.

D. Bid shall include all sales tax, and all other taxes and fees.

E. The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he

BF-2Y

will accept in full payment thereof the following prices as set forth in Bid Schedules.

F. The quantities above are approximate only and are given for the purpose of comparison only, payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities shall require verification by **Agency-City**, and a written change order will be required prior to payment. Upon receipt of the Notice of Award, Contractor shall submit to the City for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the **Agency City** to determine partial payments.

G. If awarded this contract, the Bidder agrees to execute the Contract and submit the Labor and Materials Payment Bond, Contract Performance Bond, and Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract, Bond, and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Bidder's failure to execute a written agreement to perform the work at his Bid Price.

H. The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

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The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the preceding prices as set forth in Bid Schedules.

Quantities above are for the purpose of comparison only and payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities, shall require verification by City, and a written change order will be required prior to payment. For quantities indicated as lump sum, Contractor shall be paid at the Contract per lump sum price indicated, and shall include full compensation for all work and no additional compensation will be allowed thereof. Where discrepancies occur between words and figures, the words shall govern. Upon receipt of the Notice of Award, Contractor shall submit to the Agency for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the Agency to determine partial payments.

If awarded this contract, the Bidder agrees to execute the Contract and submit the Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Contractor's failure to execute a written agreement to perform the work at his Bid Price.

The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The bidder Downstream Services, Inc., proposed subcontractor N/A, hereby certifies that he has X, has not _____, participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

NOTE: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41CFR 60-1.7(b)(1), and must be submitted by Bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in

41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt).

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract, subject to the Executive Orders, and have not filed the required reports should note that 41 CFR 60-1.7 (b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

Noncollusion Affidavit

(Title United States Code Section 112 and
Public Contract Code Section 7106)

In accordance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Note: The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

DEBARMENT AND SUSPENSION CERTIFICATION

(Title 49, Code of Federal Regulations, Part 29)

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, office manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- Has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years;
- Does not have a proposed debarment pending; and
- Has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any manner involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

N/A

Exceptions will not necessarily result in denial of award, but will be considered in determining Bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

N/A

Note: Providing false information may result in criminal prosecution or administrative sanctions.

The above certification is part of the Proposal. Signing this proposal on the signature portion thereof shall also constitute signature of this Certification.

NON LOBBYING CERTIFICATION FOR FEDERAL AID CONTRACTS

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form – LLL, “Disclosure of Lobbying Activities”, in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, and U.S. Code. Any person who fails to file the required certifications shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

The prospective participant certifies, by signing and submitting this bid or proposal, agrees to indemnify City and hold it harmless against any liability arising from site investigation, testing or inspection.

Downstream Services, Inc.
Name (please print)

07/18/2023
Date of Inspection

Bidder acknowledges receipt of the following Addenda:

Addendum A	Dated	07/27/2023
_____	Dated	_____
_____	Dated	_____
_____	Dated	_____

NAME OF BIDDER: Downstream Services, Inc.

NAME AND TITLE OF SIGNING PARTY: Loren Roberts, VP of Sales & marketing

SIGNATURE OF BIDDER: _____

807953

Contractor's California License No.



Downstream Services, Inc.

Name of License Holder

A C31 HAZ

Type of License

05/31/2024

Expiration Date

Contact Information:

Company Name: Downstream Services, Inc.

Contact Person: Loren Roberts

Title: VP of Sales & Marketing

Company Address: 2844 Progress Place
Escondido, CA 92029

Phone Number: (760) 746-2544

Fax Number: (760) 716-2667

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Two Witnesses
(If Individual):

PRINCIPAL: Downstream Services, Inc.

By: _____

Title: Loren Roberts, VP of Sales & Marketing

ATTEST (If Corporation):

By: Rebecca Dennis

Title: Rebecca Dennis, Witness

(Corporate Seal)

ATTEST:

By: _____

Title: Terry Guise, Witness



SURETY: Western Surety Company

By: _____

Title: Lawrence F. McMahon, Attorney-in-Fact

(Corporate Seal)



IMPORTANT: Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the Project is located.

THIS IS A REQUIRED FORM

Any claims under this bond may be addressed to:

(Name and Address of Surety) Western Surety Company

2 Park Plaza, Suite 400

Irvine, CA 92614

(Name and Address of Agent
or Representative for
service of process in
California, if different
from above) Same as above

(Telephone Number of Surety
and Agent or Representative
for service of process in
California) Surety: (949) 399-4971 Agent: (619) 238-1828

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego)

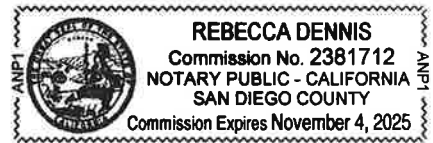
On August 1, 2023 before me, Rebecca Dennis, Notary Public,
(insert name and title of the officer)

personally appeared Loren Roberts,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Rebecca Dennis (Seal)



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of San Diego)

On July 31, 2023 before me, Maria Guise, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Lawrence F. McMahon
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature *Maria Guise*
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____
Document Date: _____ Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: Surety Company

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Lawrence F Mc Mahon, Sarah Myers, Janice Martin, Christopher J Conte, Lilia De Loera, Individually

of San Diego, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 16th day of July, 2021.



WESTERN SURETY COMPANY

Paul T. Bruflat

Paul T. Bruflat, Vice President

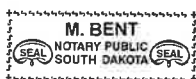
State of South Dakota }
County of Minnehaha }

SS

On this 16th day of July, 2021, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



M. Bent

M. Bent, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 31st day of July, 2023.



WESTERN SURETY COMPANY

L. Nelson

L. Nelson, Assistant Secretary

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

DESIGNATION OF SUBCONTRACTORS N/A

In compliance with the provisions of section 2.3 of the Standard Specifications, the Bidder shall set forth below the name and location of the mill, shop or office of each Subcontractor and the portions of the work, which will be done by that Subcontractor.

In compliance with the provisions of Section 2-3.2 of said “Standard Specifications” Bidder understands and agrees that the Contract Work described in the Plans and Specifications No. #FCGF 1-2022-2023-01 for the General Fund Storm Drain Maintenance Services Project requires the Contractor to perform, with its own organization, Contract Work amounting to at least 50% of the Contract Price as provided in Section 2-3.2 Additional Responsibility of the current edition of the “Standard Specifications for Public Works Construction” prepared and promulgated by the Southern California Chapters of the American Public Works Association and Associated General Contractors of California (“Greenbook”).

Pursuant to Section 1771.1 of the Labor Code, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal (submitted on or after March 1, 2015), or engage in the performance of any contract for public work unless currently registered with the Department of Industrial Relations to perform public work pursuant to Section 1725.5 of the Labor Code. Bidders and their sub-contractors shall provide an extract PDF at the of bid showing active registration from the Public Works Contractor online registration at <https://efiling.dir.ca.gov/pwcr/search>

In compliance with the provisions of the Government Code, Section 4100-4108, the undersigned Bidder herewith sets forth the name and location of the place of business of each Subcontractor who will perform work or labor or render service to the Contractor on or about the construction site of the work or improvements in an amount in excess of one-half of one percent (½%) of the Contractor's total bid and the portion of the work which will be done by each Subcontractor as follows:

Trade	% Of Work			
	To Be Done	Name	License No.	Address
N/A				

* Identify any DBE subcontractors

LISTING OF MANUFACTURERS

The Contractor shall submit this sheet with his Bid to list the manufacturers of materials he intends to use. It shall be understood that where the Contractor elects not to use the material manufacturers called for in the Specifications, he will indicate the name of the Manufacturer he plans to substitute in the form below. Bidder further understands he will substitute only items of equal quality, durability, functional character and efficiency as determined by the Agency. See Section 01631 of these Specifications for substitution procedures and requirements. The Contractor should ascertain prior to bidding the acceptability of substitutes. Only one manufacturer shall be listed for each item.

Item or Material	Manufacturer or Supplier	DBE(*)
Hydrocarbon Boom	ClearTec Global, LLC	
Media Packs	Revel Environmental	
	Manufacturing, Inc. (REM)	

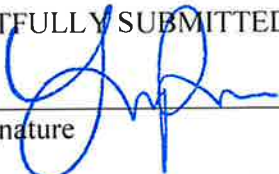
No change shall be allowed of any material manufacturer listed after receipt of Bids unless the manufacturer so listed cannot furnish materials meeting the Specifications. Any manufacturer, which is not deemed to be equal-to or better in every significant respect to that required by the Contract Documents, shall be rejected at the sole discretion of the Agency. Should such change be allowed by the Agency, bidder shall provide materials meeting the specification, as determined by the Agency, and there shall be no increase in the amount of the Bid originally submitted.

* Identify if Supplier is a DBE.

ANTI-TRUST CLAIM

In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or Subcontractor offers and agrees to assign to the Agency all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the Public Works Contract or the Contract or the Subcontract. This assignment shall be made and become effective at the time the Agency tenders final payment to the Contractor, without further acknowledgment by the parties.

RESPECTFULLY SUBMITTED:

<u></u> Signature	<u>Loren Roberts</u> Please Print
<u>VP of Sales & Marketing</u> Title	<u>2855 Progress Place</u> Address
<u>8/1/2023</u> Date	<u>Escondido, CA 92029</u> Address

<u>807953</u> Contractor's California License No.	<u>A C31 HAZ</u> Type of License
<u>Downstream Services, Inc.</u> Name of License Holder	<u>05/31/2024</u> Expiration Date

THE REPRESENTATIONS MADE HEREIN ARE MADE UNDER PENALTY OF PERJURY.

80-0011534
Federal I.D. No.

(SEAL-if Bid is by a Corporation)
ATTEST 



CERTIFICATION - LABOR CODE SECTION 1861

I, the undersigned Contractor, am aware of the provisions of section 3700 et. seq. of the Labor Code which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I, the undersigned Contractor, agree to and will comply with such provisions before commencing the performance of the Work of this Contract.

CONTRACTOR:

Downstream Services, Inc.

Firm Name

Signature

Loren Roberts, VP of Sales & Marketing

Print Name

807953

Contractor's California License No.

05/31/2024

Expiration Date

80-0011534

Federal I.D. No.

(SEAL-if Bid is by a Corporation)

ATTEST



BF-12

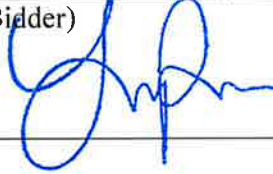
CERTIFICATION OF NON-DISCRIMINATION

On behalf of the Bidder making this proposal, the undersigned certifies that there will be no discrimination in employment with regard to ethnic group identification, color, religion, sex, age, physical or mental disability, or national origin; that all Federal, State, and local directives and executive orders regarding nondiscrimination in employment will be complied with; and that the principle of equal opportunity in employment will be demonstrated positively and aggressively.

DATED: 08/01/2023

Downstream Services, Inc.

(Name of Bidder)



(Signature)

Loren Roberts, VP of Sales & Marketing

(Typed Name and Title)

807953

California
License No.

A C31 HAZ

Type of License

Downstream Services, Inc.

Name of License Holder

05/31/2024

Expiration Date

80-0011534

Federal I.D. No.

(SEAL-if Bid is by a Corporation)

ATTEST 



EXPERIENCE STATEMENT

Bidder submits, as part of his bid, the following statements as to his experience qualifications. Bidder certifies that all statements and information set forth below are true and accurate. Bidder hereby authorizes the agency to make inquiry as appropriate regarding his experience.

Bidder has been engaged in the contracting business under his present business name for 21 years.

Bidder's experience in work of a nature similar in type and magnitude to that set forth in the Specification extends over a period of 21 years.

Bidder, as Contractor, has satisfactorily completed all Contracts awarded to him, except as follows:

(Name any/all exceptions and reasons and attach and designate additional pages if necessary.)

N/A

Within the last three years, Bidder has satisfactorily completed the following contracts covering work similar in type and magnitude to that set forth in these Specifications for the following owners (name person, firms, or authorities):

<u>Name & Address of Owner/Agency</u>	<u>Representative and Telephone</u>	<u>Type of Work, Year Completed & \$ Amount</u>
County of Orange 300 North Flower St. Santa Ana, CA 92008	Robert Kmetz (714) 667-3281	Type: BMP Maintenance and Cleaning Services; Grated Inlets, HDS Units, Bioswales, Detention Basins, Modular Wetlands, Filtera Units. Year Completed: 2023 Amount: \$424,940.00
City of Carlsbad 405 Oak Ave. Carlsbad, CA 92008		Type: Catch Basin Cleaning Services, with traffic control and as-needed ER Services. Year Completed: 2023 Amount: \$87,214.00
City of Vista/Buena Sanitation District 200 Civic Center Drive Vista, CA 92804	Ken Knatz (760) 643-5416	Type: As-Needed Sewer CCTV Services Year Completed: 2022 Amount: \$89,975.14
City of Glendale 541 West Chevy Chase Dr. Glendale, CA 91204	John Hicks (818) 262-6799	Type: Cleaning and CCTV of approximately 500,000 LF of sewer lines. All inspections conducted per NASSCO PACP and MACP. Year Completed: 2022 Amount: \$1,151,564.18

(Bidder shall attach and properly designate additional pages, if necessary.)

<u>MATERIAL</u>	<u>TEST REQUIRED</u>	<u>CALIFORNIA TEST</u>
Permeable Material	Grading	202
	Sand Equivalent	217
	Durability Index	229
Imported Material (Shoulder Backing)	Grading	202
	Sand Equivalent	217
	Durability Index	229
Aggregate Subbase	Grading	202
	Sand Equivalent	217
	Resistance (R-Value)	301
Aggregate Base	Grading	202
	Sand Equivalent	217
	Resistance (R-Value)	301
	Durability Index	229
	Percentage of crushed particles	205
Screenings	Grading	202
	Loss in Los Angeles Rattler	211
	Crushed Particles	205
	Film Striping	302
	Cleanness valve	227
Asphalt Concrete (Except Open Graded)	Grading	202
	Specific Gravity	206
	(coarse & fine aggregate)	208
	Percentage of crushed particles	205
	Loss in Los Angeles Rattler	211
	Sand Equivalent	217
	Film Striping	302
	Kc Factor (CKE)	303
	Kf Factor (CKE)	303
	Stabilometer	366
	Swell	305
Moisture Vapor Susceptibility	307	
Optimum Bitumen Content*	367	
Open Graded AC, Asphalt Treated Permeable Material, Asphalt Treated Permeable Base	Grading	202
	Crushed Particles	205
	Loss in Los Angeles Rattler (500 revolutions)	211
	Durability Index	229
	Firm Striping	310 or 362 or 379

*(Not shown in Construction Manual, use CDE frequency.)

Note: Should any potential source sampling and testing be waived by reason of previous acceptance of material from the source, there will be no reduction in contract prices by reason of such waiver.

FOREIGN MATERIALS – The requirements of the fifth paragraph in Section 6-1-08, "Foreign Materials," of the Standard Specifications shall not apply.

HAZARDOUS MATERIALS TESTS AND MANIFEST REQUIREMENTS:

Bidder shall deliver all necessary laboratory test results and disposal manifests to City for all hazardous materials, prior to payment in accordance with all State and Federal Law governing the removal and disposal of hazardous waste.

Environmental Protection Agency

§ 116.4

1974, or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976), means: (1) A discharge into any waters beyond the contiguous zone from any vessel or on-shore or offshore facility, which vessel or facility is subject to or is engaged in activities under the Outer Continental Shelf Lands Act or the Deepwater Port Act of 1974, and (2) any discharge into any waters beyond the contiguous zone which contain, cover, or support any natural resource belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976).

Public vessel means a vessel owned or bareboat-chartered and operated by the United States, or a State or political subdivision thereof, or by a foreign nation, except when such vessel is engaged in commerce.

Territorial seas means the belt of the seas measured from the line of ordinary low water along that portion of

the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters, and extending seaward a distance of 3 miles.

Vessel means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water other than a public vessel;

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10266, Feb. 16, 1979; 58 FR 45039, Aug. 25, 1993]

§ 116.4 Designation of hazardous substances.

The elements and compounds appearing in Tables 116.4 A and B are designated as hazardous substances in accordance with section 311(b)(2)(A) of the Act. This designation includes any isomers and hydrates, as well as any solutions and mixtures containing these substances. Synonyms and Chemical Abstract System (CAS) numbers have been added for convenience of the user only. In case of any disparity the common names shall be considered the designated substance.

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES

Common name	CAS No.	Synonyms	Isomers	CAS No.
Acetaldehyde	75070	Ethanal, ethyl aldehyde, acetic aldehyde		
Acetic acid	64197	Glacial acetic acid, vinogar acid		
Acetic anhydride	108247	Acetic oxide, acetyl oxide		
Acetone cyanohydrin	75865	2-methylactonitrile, alpha-hydroxyisobutyronitrile.		
Acetyl bromide	506967			
Acetyl chloride	79367			
Acrolein	107028	2-propenal, acrylic aldehyde, acrylaldehyde, acraldehyde.		
Acrylonitrile	107131	Cyanoethylene, Fumigrain, Ventox, propenitrile, vinyl cyanide.		
Adipic acid	124049	Hexanedioic acid		
Aldrin	309002	Octalene, HHDN		
Allyl alcohol	107186	2-propen-1-ol, 1-propenol-3, vinyl carbinol		
Allyl chloride	107051	3-chloropropene, 3-chloropropylene, Chlorallylene.		
Aluminum sulfate	10043013	Alum		
Ammonia	7664417			
Ammonium acetate	631618	Acetic acid ammonium, salt		
Ammonium benzoate	1863634			
Ammonium bicarbonate	1066337	Acid ammonium carbonate, ammonium hydrogen carbonate.		
Ammonium bichromate	7789095			
Ammonium bifluoride	1341497	Acid ammonium fluoride, ammonium hydrogen fluoride.		
Ammonium bisulfite	10192300			
Ammonium carbamate	1111780	Ammonium aminofornate		
Ammonium carbonate	506876			
Ammonium chloride	12125029	Ammonium muriate, sal ammoniac, salmiac, Amchlor.		
Ammonium chromate	7788989			
Ammonium citrate dibasic	3012655	Diammonium citrate, citric acid diammonium salt.		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Ammonium fluoborate	13826830	Ammonium fluoborate, ammonium borofluoride.		
Ammonium fluoride	12125018	Neutral ammonium fluoride		
Ammonium hydroxide	1386216			
Ammonium oxalate	6009707			
	5972736			
	14258492			
Ammonium silicofluoride	16919190	Ammonium fluosilicate		
Ammonium sulfamate	7773060	Ammate, AMS, ammonium amidosulfate		
Ammonium sulfide	12135761			
Ammonium sulfite	10196040			
	10192300			
Ammonium tartrate	3164292	Tartaric acid ammonium salt		
	14307438			
Ammonium thiocyanate	1762954	Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide.		
Amyl acetate	628637	Amylacetate ester	iso-	123922
		Pear oil	sec-	626380
		Banana oil	tert-	625161
Aniline	62533	Aniline oil, phenylamine, aminobenzene, aminophen, kyanol.		
Antimony pentachloride	7647189			
Antimony potassium tartrate	28300745	Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonytartrate.		
Antimony tribromide	7789619			
Antimony trichloride	10025919	Butter of antimony		
Antimony trifluoride	7783564	Antimony fluoride		
Antimony trioxide	1309644	Diantimony trioxide, flowers of antimony		
Arsenic disulfide	1303328	Red arsenic sulfide		
Arsenic pentoxide	1303282	Arsenic acid anhydride, arsenic oxide		
Arsenic trichloride	7784341	Arsenic chloride, arsenious chloride, arsenous chloride, butter of arsenic.		
Arsenic trioxide	1327533	Arsenious acid, arsenious oxide, white arsenic		
Arsenic trisulfide	1303339	Arsenious sulfide, yellow arsenic sulfide		
Barium cyanide	542621			
Benzene	71432	Cyclohexatriene, benzol		
Benzoic acid	65850	Benzenecarboxylic acid, phenylformic acid, dracetic acid.		
Benzonitrile	100470	Phenyl cyanide, cyanobenzene		
Benzoyl chloride	98884	Benzenecarbonyl chloride		
Benzyl chloride	100447			
Beryllium chloride	7787475			
Beryllium fluoride	7787497			
Beryllium nitrate	7787555			
	13597994			
Butyl acetate	123864	Acetic acid butyl ester	iso-	110190
			sec-	105464
			tert-	540885
Butylamine	109739	1-aminobutane	iso-	78819
			sec-	513495
			sec-	13952846
			tert-	75649
n-butyl phthalate	84742	1,2-benzenedicarboxylic acid, dibutyl ester, dibutyl phthalate.		
Butyric acid	107926	Butanoic acid, ethylacetic acid	iso-	79312
Cadmium acetate	543908			
Cadmium bromide	7789426			
Cadmium chloride	10108642			
Calcium arsenate	7778441	Tricalcium orthoarsenate		
Calcium arsenite	52740166			
Calcium carbide	75207	Carbide, acetylenogen		
Calcium chromate	13765190	Calcium chrome yellow, geblin, yellow ultramarine.		
Calcium cyanide	592018			
Calcium dodecylbenzenesulfonate	26264062			
Calcium hypochlorite	7778543			
Captan	133062	Orthocide-406, SR-406, Vancide-89		
Carbaryl	63252	Sevin		
Carbofuran	1563662	Furadan		
Carbon disulfide	75150	Carbon bisulfide, dithiocarbonic anhydride		
Carbon tetrachloride	56235	Tetrachloromethane Perchloromethane		
Chlordane	57749	Toxichlor, chlordan		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Chlorine	75003			
Chlorobenzene	108907	Monochlorobenzene, benzene chloride		
Chloroform	67663	Trichloromethane		
Chlorpyrifos	2921882	Dursban		
Chlorosulfonic acid	7790945	Sulfuric chlorohydrin		
Chromic acetate	1065304			
Chromic acid	11115745	Chromic anhydride, chromium trioxide		
Chromic sulfate	10101538			
Chromous chloride	10049055			
Cobaltous bromide	7789437	Cobalt bromide		
Cobaltous formate	544183	Cobalt formate		
Cobaltous sulfamate	14017415	Cobalt sulfamate		
Coumaphos	56724	Co-Ral		
Cresol	1319773	Cresylic acid	m-	108394
		Hydroxytoluene	o-	95487
			p-	106445
Crotonaldehyde	4170303	2-butenal propylene aldehyde		
Cupric acetate	142712	Copper acetate, crystallized verdigris		
Cupric acetoarsenite	12002038	Copper acetoarsenite, copper acetate arsenite, Paris green		
Cupric chloride	7447394	Copper chloride		
Cupric nitrate	3251238	Copper nitrate		
Cupric oxalate	5893663	Copper oxalate		
Cupric sulfate	7758987	Copper sulfate		
Cupric sulfate, ammoniated	10380297	Ammoniated copper sulfate		
Cupric tartrate	815827	Copper tartrate		
Cyanogen chloride	506774			
Cyclohexane	110827	Hexahydrobenzene, hexamethylene, hexanaphthene		
2,4-D acid	94757	2,4-dichlorophenoxyacetic acid		
2,4-D ester	94111	2,4-dichlorophenoxyacetic acid ester		
	94791			
	94804			
	1320189			
	1928387			
	1928616			
	1929733			
	2971382			
	25168267			
	53467111			
DDT	50293	p,p'-DDT		
Diazinon	333415	Dlprofene, Diazitol, Basudin, Spectracide		
Dicamba	1918009	2-methoxy-3,6-dichlorobenzoic acid		
Dichlobenil	1194656	2,6-dichlorobenzonitrile, 2,6-DBN		
Dichlone	117806	Phygon, dichloronaphthoquinone		
Dichlorobenzene	25321226	Di-chloride	Ortho	95501
		Paramoth (Para)	Para	106467
Dichloropropane	26638197	Propylene dichloride	1,1	78999
			1,2	78875
			1,3	142289
			1,3	542756
			2,3	78886
Dichloropropene	26952238			
Dichloropropene-dichloropropane (mixture)	8003198	D-D mixture Vidden D		
2,2-Dichloropropionic acid	75990	Dalapon		
Dichlorvos	62737	2,2-dichlorovinyl dimethyl phosphate, Vapona		
Dicofol	115322	Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol		
Dieldrin	60571	Alvit		
Diethylamine	109897			
Dimethylamine	124403			
Dinitrobenzene (mixed)	25154545	Dinitrobenzol	m-	99650
			o-	528290
			p-	100254
			(2,5-)	329715
			(2,4-)	
			(2,6-)	573568
Dinitrophenol	51285	Aldifen	2,4	121142
			2,6	606202
Dinitrotoluene	25321146	DNT	3,4	610399
Diquat	85007	Aquacide		
	2764729	Dextrone, Reglone, Diquat dibromide		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Disulfoton	298044	Di-syston		
Diuron	330541	DCMU, DMU		
Dodecylbenzenesulfonic acid	27176870			
Endosulfan	115297	Thiodan		
Endrin	72208	Mendrin, Compound 269		
Epichlorohydrin	106898	-chloropropylene oxide		
Ethion	563122	Nialate, ethyl methylene, phosphorodithioate		
Ethylbenzene	100414	Phenylethane		
Ethylenediamine	107153	1,2-diaminoethane		
Ethylenediamine-tetraacetic acid (EDTA)	60004	Edetic acid, Havidote, (ethylenedinitrilo)-tetraacetic acid.		
Ethylene dibromide	106934	1,2-dibromoethane acetylene dibromide sym-dibromoethylene		
Ethylene dichloride	107062	1,2-dichloroethane sym-bichloroethane		
Ferric ammonium citrate	1185575	Ammonium ferric citrate		
Ferric ammonium oxalate	2944674	Ammonium ferric oxalate		
	55488874			
Ferric chloride	7705080	Flores maris, iron trichloride		
Ferric fluoride	7783508			
Ferric nitrate	10421484	Iron nitrate		
Ferric sulfate	10028225	Ferric persulfate, ferric sesquisulfate, ferric tersulfate.		
Ferrous ammonium sulfate	10045893	Mohr's salt, iron ammonium sulfate		
Ferrous chloride	7758943	Iron chloride, iron dichloride, iron protochloride		
Ferrous sulfate	7720787	Green vitriol		
	7782630	Iron vitriol, iron sulfate, iron protosulfate		
Formaldehyde	50000	Methyl aldehyde, methanal, formalin		
Formic acid	64186	Methanoic acid		
Fumaric acid	110178	Trans-butenedioic acid, trans-1,2-ethylenedicarboxylic acid, boletic acid, allomaleic acid.		
Furfural	98011	2-furaldehyde, pyromucic aldehyde		
Guthion	86500	Gusathion, azinphos-methyl		
Heptachlor	76448	Vetscol-104, Drinox, Heptagran		
Hexachlorocyclopentadiene	77474	Perchlorocyclopentadiene		
Hydrochloric acid	7647010	Hydrogen chloride, muriatic acid		
Hydrofluoric acid	7664393	Fluohydric acid		
Hydrogen cyanide	74908	Hydrocyanic acid		
Hydrogen sulfide	7783064	Hydro-sulfuric acid sulfur hydride		
Isoprene	78795	2-methyl-1,3-butadiene		
Isopropanolamine dodecylbenzenesulfonate.	42504461			
Kepon	143500	Chlordecone 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pentalen-2-one.		
Lead acetate	301042	Sugar of lead		
Lead arsenate	7784409			
	7645252			
	10102484			
Lead chloride	7758954			
Lead fluoborate	13814965	Lead fluoroborate		
Lead fluoride	7783462	Lead difluoride, plumbous fluoride		
Lead iodide	10101630			
Lead nitrate	10099748			
Lead stearate	7428480	Stearic acid lead salt		
	1072351			
	52652592			
Lead sulfate	7446142			
Lead sulfide	1314870	Galena		
Lead thiocyanate	592870	Lead sulfocyanate		
Lindane	58899	Gamma-BHC, gamma-benzene hexachloride		
Lithium chromate	14307358			
Malathion	121755	Phosphothion		
Maleic acid	110167	Cis-butenedioic acid, cis-1,2-ethylenedicarboxylic acid, toxilic acid.		
Maleic anhydride	108316	2,5-furandione, cis-butenedioic anhydride, toxilic anhydride.		
Mercaptodimethur	203657	Mesurol		
Mercuric cyanide	592041	Mercury cyanide		
Mercuric nitrate	10045940	Mercury nitrate, mercury pernitrate		
Mercuric sulfate	7783359	Mercury sulfate, mercury persulfate		
Mercuric thiocyanate	592858	Mercury thiocyanate, mercuric sulfo-cyanate, mercuric sulfocyanide.		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Mercurous nitrate	7782867			
	10415755	Mercury protonitrate		
Methoxychlor	72435	DMDT, methoxy-DDT		
Methyl mercaptan	74931	Methanethiol, mercaptomethane, methyl sulfhydrylate, thiomethyl alcohol.		
Methyl methacrylate	80626	Methacrylic acid methyl ester, methyl-2-methyl-2-propenoate.		
Methyl parathion	298000	Nitrox-80		
Mevinphos	7786347	Phosdrin		
Mexacarbate	315184	Zectran		
Monoethylamine	75047	Ethylamine, aminoethane		
Monomethylamine	74895	Methylamine, aminomethane		
Naled	300765	Dibrom		
Naphthalene	91203	White tar, tar camphor, naphthalin		
Naphthenic acid	1338245	Cyclohexanecarboxylic acid, hexahydrobenzoic acid.		
Nickel ammonium sulfate	15699180	Ammonium nickel sulfate		
Nickel chloride	37211055	Nickelous chloride		
	7718549			
Nickel hydroxide	12054487	Nickelous hydroxide		
Nickel nitrate	14216752			
Nickel sulfate	7786814	Nickelous sulfate		
Nitric acid	7697372	Aqua fortis		
Nitrobenzene	98953	Nitrobenzol, oil of mirbane		
Nitrogen dioxide	10102440	Nitrogen tetraoxide		
Nitrophenol (mixed)	25154556	Mononitrophenol	m- o- p- Ortho Meta Para	554847 88755 100027 88722 99081 99990
Nitrotoluene	1321126			
Paraformaldehyde	30525894	Paratom, Formagene, Triformol, polymerized formaldehyde, polyoxymethylene.		
Parathion	56382	DNTP, Niran		
Pentachlorophenol	87865	PCP, Penta		
Phenol	108952	Carbolic acid, phenyl hydroxide, hydroxybenzene, oxybenzene.		
Phosgene	75445	Diphosgene, carbonyl chloride, chlorofomyl chloride.		
Phosphoric acid	7664382	Orthophosphoric acid		
Phosphorus	7723140	Black phosphorus, red phosphorus, white phosphorus, yellow phosphorus.		
Phosphorus oxychloride	10025873	Phosphoryl chloride, phosphorus chloride		
Phosphorus pentasulfide	1314803	Phosphoric sulfide, thiophosphoric anhydride, phosphorus persulfide.		
Phosphorus trichloride	7719122	Phosphorous chloride		
Polychlorinated biphenyls	1336363	PCB, Aroclor, polychlorinated diphenyls		
Potassium arsenite	7784410			
Potassium arsenite	10124502	Potassium metaarsenite		
Potassium bichromate	7778509	Potassium dichromate		
Potassium chromate	7789006			
Potassium cyanide	151508			
Potassium hydroxide	1310583	Potassium hydrate, caustic potash, potassa		
Potassium permanganate	7722647	Chameleon mineral		
Propargite	2312358	Omite		
Propionic acid	79094	Propanoic acid, methylacetic acid, ethylformic acid.		
Propionic anhydride	123626	Propanoic anhydride, methylacetic anhydride		
Propylene oxide	75569	Propene oxide		
Pyrethrins	121299	Pyrethrin I		
	121211	Pyrethrin II		
Quinoline	91225	1-benzazine, benzo(b)pyridine, leuocoline, chinoleine, leuocol.		
Resorcinol	108463	Resorcin, 1,3-benzenediol, meta-dihydroxybenzene.		
Selenium oxide	7446084	Selenium dioxide		
Silver nitrate	7761888	Nitric acid silver (1+) salt lunar caustic		
Sodium	7440235	Natrium		
Sodium arsenate	7631892	Disodium arsenate		
Sodium arsenite	7784465	Sodium metaarsenite		
Sodium bichromate	10588019	Sodium dichromate		
Sodium bifluoride	1333831			

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Sodium bisulfite	7631905	Sodium acid sulfite, sodium hydrogen sulfite		
Sodium chromate	7775113			
Sodium cyanide	143339			
Sodium dodecylbenzene-sulfonate	25155300			
Sodium fluoride	7681494	Villiamite		
Sodium hydrosulfide	16721805	Sodium hydrogen sulfide		
Sodium hydroxide	1310732	Caustic soda, soda lye, sodium hydrate		
Sodium hypochlorite	7681529	Bleach		
	10022705			
Sodium methylate	124414	Sodium methoxide		
Sodium nitrite	7632000			
Sodium phosphate, dibasic	7558794			
	10039324			
	10140655			
Sodium phosphate, tribasic	7785844			
	7601549			
	10101890			
	10361894			
	7758294			
	10124568			
Sodium selenite	10102188			
	7782823			
Strontium chromate	7789062			
Strychnine	57249			
Styrene	100425	Vinylbenzene, phenylethylene, styrol, styrolene, cinnamene, cinnamol		
Sulfuric acid	7664939	Oil of vitriol, oleum		
Sulfur monochloride	12771083	Sulfur chloride		
2,4,5-T acid	93765	2,4,5-trichlorophenoxyacetic acid		
2,4,5-T amines	6369966	Acetic acid (2,4,5-trichlorophenoxy)-compound with N,N-dimethylmethanamine (1:1)		
	6369977	Acetic acid (2,4,5-trichlorophenoxy)-compound with N-methylmethanamine (1:1)		
	1319728	Acetic acid (2,4,5-trichlorophenoxy)-compound with 1-amino-2-propanol (1:1)		
	3813147	Acetic acid (2,4,5-trichlorophenoxy)-compound with 2,2,2'-nitrioltris [ethanol] (1:1)		
2,4,5-T esters	2545597	2,4,5-trichlorophenoxyacetic esters		
	93798			
	61792072			
	1928478			
	25168154			
2,4,5-T salts	13560991	Acetic acid (2,4,5-trichlorophenoxy)-sodium salt		
TDE	72548	DDD		
2,4,5-TP acid	93721	Propanoic acid 2-(2,4,5-trichlorophenoxy)		
2,4,5-TP esters	32534955	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-, isooctyl ester		
Tetraethyl lead	78002	Lead tetraethyl, TEL		
Tetraethyl pyrophosphate	107493	TEPP		
Thallium sulfate	10031591			
	7446186			
Toluene	108883	Toluol, methylbenzene, phenylmethane, Methacide		
Toxaphene	8001352	Campechlor		
Trichlorfon	52686	Dipterex		
Trichlorethylene	79016	Ethylene trichloride		
Trichlorophenol	25167822	Collunosal, Dowicide 2 or 2S, Omal, Phenachlor	(2,3,4-) 15950660 (2,3,5-) 933788 (2,3,6-) 933755 (2,4,5-) 95954 (2,4,6-) 88062 (3,4,5-) 609198	
Triethanolamine dodecylbenzenesulfonate	27323417			
Triethylamine	121448			
Trimethylamine	75503	TMA		
Uranyl acetate	541093			
Uranyl nitrate	10102064			
	36478769			
Vanadium pentoxide	1314621	Vanadic anhydride, vanadic acid anhydride		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isoners	CAS No.
Vanadyl sulfate	27774136	Vanadic sulfate, vanadium sulfate		
Vinyl acetate	108054	Acetic acid ethylene ether		
Vinylidene chloride	75354	1,1-dichlorethylene		
		1,1-dichloroethene		
Xylene (mixed)	1330207	Dimethylbenzene	m-	108383
		Xylol	o-	95476
			p-	106423
Xylenol	1300716	Dimethylphenol, hydroxydimethylbenzene		
Zinc acetate	557346			
Zinc ammonium chloride	14639975			
	14639986			
	52628258			
Zinc borate	1332076			
Zinc bromide	7699458			
Zinc carbonate	3486359			
Zinc chloride	7646857	Butter of zinc		
Zinc cyanide	557211			
Zinc fluoride	7783495			
Zinc formate	557415			
Zinc hydrosulfite	7779864			
Zinc nitrate	7779886			
Zinc phenolsulfonate	127822	Zinc sulfocarbolate		
Zinc phosphide	1314847			
Zinc silicofluoride	16871719	Zinc fluosilicate		
Zinc sulfate	7733020	White vitriol, zinc vitriol, white copperas		
Zirconium nitrate	13746899			
Zirconium potassium fluoride	16923958			
Zirconium sulfate	14644612	Disulfatozirconic acid		
Zirconium tetrachloride	10026116			

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER

CAS No.	Common name
50000	Formaldehyde
50293	DDT
51285	2,4-Dinitrophenol
52686	Trichlorfon
56382	Parathion
56724	Coumaphos
57249	Strychnine
57749	Chlordane
58899	Lindane
60004	Ethylenediaminetetraacetic acid (EDTA)
60571	Dieldrin
62533	Aniline
62737	Dichlorvos
63252	Carbaryl
64186	Formic acid
64197	Acetic acid
65850	Benzoic acid
67663	Chloroform
71432	Benzene
72208	Endrin
72435	Methoxychlor
72548	TDE
74895	Monomethylamine
74908	Hydrogen cyanide
74931	Methyl mercaptan
75047	Monoethylamine
75070	Acetaldehyde
75150	Carbon disulfide
75207	Calcium carbide
75445	Phosgene
75503	Trimethylamine
75649	tert-Butylamine
75865	Acetone cyanohydrin
75990	2,2-Dichloropropionic acid
76448	Heptachlor

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
78002	Tetraethyl lead
78795	Isoprene
78819	Iso-Butylamine
79094	Propionic acid
79312	iso-Butyric acid
79367	Acetyl chloride
80626	Methyl methacrylate
85007	Diquat
86500	Guthion
87865	Pentachlorophenol
88755	o-Nitrophenol
91203	Naphthalene
91225	Quinoline
93765	2,4,5-T acid
93798	2,4,5-T ester
94111	2,4-D ester
94757	2,4-D acid
94791	2,4-D ester
94804	2,4-D Butyl ester
95476	o-Xylene
95487	o-Cresol
98011	Furfural
98884	Benzoyl chloride
98953	Nitrobenzene
99650	m-Dinitrobenzene
100027	p-Nitrophenol
100254	p-Dinitrobenzene
100414	Ethylbenzene
100425	Styrene
100447	Benzyl chloride
100470	Benzonitrile
105464	sec-Butyl acetate
106423	p-Xylene
106445	p-Cresol
107028	Acrolein
107051	Allyl chloride

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No	Common name
107131	Acrylonitrile
107153	Ethylenediamine
107186	Allyl alcohol
107493	Tetraethyl pyrophosphate
107926	n-Butyric acid
108054	Vinyl acetate
108247	Acetic anhydride
108316	Maleic anhydride
108383	m-Xylene
108394	m-Cresol
108463	Resorcinol
108883	Toluene
108907	Chlorobenzene
108952	Phenol
109739	n-Butylamine
109897	Diethylamine
110167	Maleic acid
110178	Fumaric acid
110190	iso-Butyl acetate
110827	Cyclohexane
115297	Endosulfan
115322	Dicofol
117806	Dichloro
121211	Pyrethrin
121299	Pyrethrin
121448	Triethylamine
121755	Malathion
123626	Propionic anhydride
123864	n-Butyl acetate
123922	iso-Amyl acetate
124403	Dimethylamine
124414	Sodium methylate
127822	Zinc phenolsulfonate
133062	Captan
142712	Cupric acetate
143339	Sodium cyanide
151508	Potassium cyanide
298000	Methyl parathion
298044	Disulfoton
300765	Naled
301042	Lead acetate
309002	Aldrin
315184	Mexacarbate
329715	2,5-Dinitrophenol
330541	Diuron
333415	Diazinon
506774	Cyanogen chloride
506876	Ammonium carbonate
506967	Acetyl bromide
513495	sec-Butylamine
528290	o-Dinitrobenzene
540885	tert-Butyl acetate
541093	Uranyl acetate
542621	Barium cyanide
543908	Cadmium acetate
544183	Cobaltous formate
554847	m-Nitrophenol
557211	Zinc cyanide
557346	Zinc acetate
557415	Zinc formate
563122	Ethion
573568	2,6-Dinitrophenol
592018	Calcium cyanide
592041	Mercuric cyanide
592858	Mercuric thiocyanate
592870	Lead thiocyanate
625161	tert-Amyl acetate
626380	sec-Amyl acetate
628637	n-Amyl acetate
631618	Ammonium acetate
815827	Cupric tartrate

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No	Common name
1066304	Chromic acetate
1066337	Ammonium bicarbonate
1072351	Lead stearate
1111780	Ammonium carbamate
1185575	Ferric ammonium citrate
1194656	Dichlobenil
1300716	Xylenol
1303282	Arsenic pentoxide
1303328	Arsenic disulfide
1303339	Arsenic trisulfide
1309644	Antimony trioxide
1310583	Potassium hydroxide
1310732	Sodium hydroxide
1314621	Vanadium pentoxide
1314803	Phosphorus pentasulfide
1314847	Zinc phosphide
1314870	Lead sulfide
1319773	Cresol (mixed)
1320189	2,4-D ester
1327533	Arsenic trioxide
1330207	Xylene
1332076	Zinc borate
1333831	Sodium bifluoride
1336216	Ammonium hydroxide
1336363	Polychlorinated biphenyls
1336245	Naphthenic acid
1341497	Ammonium bifluoride
1762954	Ammonium thiocyanate
1863634	Ammonium benzoate
1918009	Dicamba
1928387	2,4-D esters
1928478	2,4,5-T ester
1928616	2,4-D ester
1929733	2,4-D ester
2545597	2,4,5-T ester
2764729	Diquat
2921882	Chlorpyrifos
2944674	Ferric ammonium oxalate
2971362	2,4-D ester
3012655	Ammonium citrate, dibasic
3164292	Ammonium tartrate
3251238	Cupric nitrate
3486359	Zinc carbonate
5893663	Cupric oxalate
5972736	Ammonium oxalate
6009707	Ammonium oxalate
6369966	2,4,5-T ester
7428480	Lead stearate
7440235	Sodium
7446084	Selenium oxide
7446142	Lead sulfate
7447394	Cupric chloride
7558794	Sodium phosphate, dibasic
7601549	Sodium phosphate, tribasic
7631892	Sodium arsenate
7631905	Sodium bisulfite
7632000	Sodium nitrite
7645252	Lead arsenate
7646857	Zinc chloride
7647010	Hydrochloric acid
7647189	Antimony pentachloride
7664382	Phosphoric acid
7664393	Hydrofluoric acid
7664417	Ammonia
7664939	Sulfuric acid
7681494	Sodium fluoride
7681529	Sodium hypochlorite
7697372	Nitric acid
7699458	Zinc bromide
7705080	Ferric chloride
7718549	Nickel chloride

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
7719122	Phosphorus trichloride
7720787	Ferrous sulfate
7722647	Potassium permanganate
7723140	Phosphorus
7733020	Zinc sulfate
7758294	Sodium phosphate, tribasic
7758943	Ferrous chloride
7758954	Lead chloride
7758987	Cupric sulfate
7773060	Ammonium sulfamate
7775113	Sodium chromate
7778441	Calcium arsenate
7778509	Potassium bichromate
7778543	Calcium hypochlorite
7779864	Zinc hydrosulfite
7779886	Zinc nitrate
7782505	Chlorine
7782630	Ferrous sulfate
7782823	Sodium selenite
7782867	Mercurous nitrate
7783359	Mercuric sulfate
7783462	Lead fluoride
7783495	Zinc fluoride
7783508	Ferric fluoride
7783564	Antimony trifluoride
7784341	Arsenic trichloride
7784409	Lead arsenate
7784410	Potassium arsenate
7784465	Sodium arsenite
7785844	Sodium phosphate, tribasic
7786347	Mevinphos
7786814	Nickel sulfate
7787475	Beryllium chloride
7787497	Beryllium fluoride
7787555	Beryllium nitrate
7788989	Ammonium chromate
7789006	Potassium chromate
7789062	Strontium chromate
7789095	Ammonium bichromate
7789426	Cadmium bromide
7789437	Cobaltous bromide
7789619	Antimony tribromide
7790945	Chlorosulfonic acid
8001352	Toxaphene
10022705	Sodium hypochlorite
10025873	Phosphorus oxychloride
10025919	Antimony trichloride
10026116	Zirconium tetrachloride
10028225	Ferric sulfate
10028247	Sodium phosphate, dibasic
10039324	Sodium phosphate, dibasic
10043013	Aluminum sulfate
10045893	Ferrous ammonium sulfate
10045940	Mercuric nitrate
10049055	Chromous chloride
10099748	Lead nitrate
10101538	Chromic sulfate
10101630	Lead iodide
10101890	Sodium phosphate, tribasic
10102064	Uranyl nitrate
10102188	Sodium selenite
10102440	Nitrogen dioxide
10102484	Lead arsenate
10108642	Cadmium chloride
10124502	Potassium arsenite
10124568	Sodium phosphate, tribasic
10140655	Sodium phosphate, dibasic
10192300	Ammonium bisulfite
10196040	Ammonium sulfite
10361894	Sodium phosphate, tribasic
10380297	Cupric sulfate, ammoniated

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
10415755	Mercurous nitrate
10421484	Ferric nitrate
10588019	Sodium bichromate
11115745	Chromic acid
12002038	Cupric acetoarsenite
12054487	Nickel hydroxide
12125018	Ammonium fluoride
12125029	Ammonium chloride
12135761	Ammonium sulfide
12771083	Sulfur chloride
13597994	Beryllium nitrate
13746899	Zirconium nitrate
13765190	Calcium chromate
13814965	Lead fluoborate
13826830	Ammonium fluoborate
13952846	sec-Butylamine
14017415	Cobaltous sulfamate
14216752	Nickel nitrate
14258492	Ammonium oxalate
14307358	Lithium chromate
14307438	Ammonium tartrate
14639975	Zinc ammonium chloride
14639986	Zinc ammonium chloride
14644612	Zirconium sulfate
15699180	Nickel ammonium sulfate
16721805	Sodium hydrosulfide
16871719	Zinc silicofluoride
16919190	Ammonium silicofluoride
16923958	Zirconium potassium fluoride
25154545	Dinitrobenzene
25154556	Nitrophenol
25155300	Sodium dodecylbenzenesulfonate
25167822	Trichlorophenol
25168154	2,4,5-T ester
25168267	2,4-D ester
26264062	Calcium dodecylbenzenesulfonate
27176870	Dodecylbenzenesulfonic acid
27323417	Triethanolamine dodecylbenzenesulfonate
27774136	Vanadyl sulfate
28300745	Antimony potassium tartrate
30525894	Paraformaldehyde
36478769	Uranyl nitrate
37211055	Nickel chloride
42504461	Dodecylbenzenesulfonate isopropanolamine
52628258	Zinc ammonium chloride
52740166	Calcium arsenite
53467111	2,4-D ester
55488874	Ferric ammonium oxalate
61792072	2,4,5-T ester

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10268, Feb. 16, 1979; 44 FR 65400, Nov. 13, 1979; 44 FR 66602, Nov. 20, 1979; 54 FR 33482, Aug. 14, 1989]

PART 117—DETERMINATION OF REPORTABLE QUANTITIES FOR HAZARDOUS SUBSTANCES

Subpart A—General Provisions

- Sec.
117.1 Definitions.
117.2 Abbreviations.

FOLLOWING ATTACHMENTS:

Additional Project References

Proof of CA DIR Registration

Company Overview

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Project References

Client	Contract Years	Scope	Annual \$
County of Orange Robert Kmetz Facilities Contracts Manager (714) 667-3281	2017 - 2023 2018 - 2023 2020 - 2024 2018 - 2028	Glassell Campus – Monthly Inspections Vehicle Maintenance – Monthly Inspections County Administration South – Bi-annual Service Newport Harbor Patrol – Quarterly Service	\$40,164.00 \$2,900.00 \$1,971.00 \$1,752.00 Current Contracts
City of Oceanside Victor Velasco Utilities Supervisor (619) 373-4747	2016 - 2019 2022 - 2025	3,585 Catch Basin Cleanings Annually with traffic control. Work performed between the months of July and November annually	\$813,477.00 Current Contract
City of Carlsbad Eric Martinez PW Supervisor (760) 450-4359	2019 - 2023	350 Catch Basin Cleanings Annually 6 HDS Unit Cleanings Annually Traffic Control As-needed ER Services Work performed in July annually.	\$87,214.00 Annually
City of Irvine Byron Gemmell PW Supervisor (949) 724-7691	2023-2026	(14) Contech Cartridge Filter Vaults containing a total of (160) cartridge filters. Remove and replace filters with vault cleaning.	\$87,244.00 Annually
LAX – LAWA Conor Roche Maint. Supervisor (424) 646-7960	2019-2024	As-needed maintenance of storm drain inlets, Drywells, Underground Detention Basins, Porous Pavers, and Bioswales. Includes additional maintenance of (2) Contech Cartridge Filter Vaults with (660) Cartridges in one unit and (460) in another.	\$3,600,000.00 Current Contract



APPLICATION FOR PUBLIC WORKS CONTRACTOR REGISTRATION

Registration Information

Type: Public Works

Period: 07/01/2023 06/30/2026

Contractor Information

Contractor Name: DOWNSTREAM SERVICES, INC.

Trade Name: DOWNSTREAM SERVICES, INC.

License Type Number: 1000004632

Contractor Physical Address

Physical Business Country: United States of America

Physical Business City/ Province: ESCONDIDO

Physical Business Address: 2855 PROGRESS PLACE

Physical Business State: CA

Physical Business Postal Code: 92029

Contractor Mailing Address

Mailing Country: United States of America

Mailing City /Province: ESCONDIDO

Mailing Address: 2855 PROGRESS PLACE

Mailing State: CA

Mailing Postal Code: 92029

Contact Info

Daytime Phone:

Daytime Phone Ext.:

Mobile Phone:

Business Email: rebeccad@downstreamservices.com

Applicant's Email: rebeccad@downstreamservices.com



Department of Industrial Relations (DIR) (https://www.dir.ca.gov/dlse/dlse.html)

My Dashboard

Public Works Contractor R

New

[Link Existing Registration](#)

Instructions:

- To transfer an active registration from the old system, click **Link Existing Registration**.
- To start a new application, select from the dropdown menu above and click **New**.
- To revise the existing registration, click **Update**.
- To edit a saved application, click on the registration number. You cannot edit once the application status is "Submitted", "Payment Pending", "In Review", "Expired", "Resubmitted" or "Renewed".
- To renew an application, click **Renew** Link will be available 90-days (**60-days for Entertainment Work Permit, 60-days for Public Works contractor registration**) before the license expiration date, until the expire date.
- To pay registration fees, click the **Pay Now** link in the Registration # column.
- Car Wash: To complete the registration process, you must print the submitted application or a copy of your email stating your application has been submitted and send it with the [IRS Form 8821](http://www.dir.ca.gov/dlse/IRS8821-Form.pdf). Upon receipt of the IRS response, please return to attach the IRS Clearance letter to your application. [IRS form 8821 Instructions](http://www.dir.ca.gov/dlse/IRS8821-Instructions.pdf).

Status Definitions

[Reload page](#)

Actions	Business Name / Individual Person	Registration #	Registration Type	Submitted Date	Status	Effective Date	Expiration Date	Payment Status	Balance Due	Exam Passed Date
	DOWNSTREAM SERVICES, INC.	1000004632 Update	Public Works	06/02/23	Active	07/01/23	06/30/26	Paid / No Balance Due	0.00	
	DOWNSTREAM SERVICES, INC.	1000004632 Update	Public Works	05/26/21	Active	07/01/21	06/30/23	Paid / No Balance Due	0.00	
	DOWNSTREAM SERVICES, INC.	1000004632 Update	Public Works	05/18/20	Expired	07/01/20	06/30/21	Paid / No Balance Due	0.00	
	DOWNSTREAM SERVICES,	1000004632 Update	Public Works		Expired	07/01/19	06/30/20	Paid / No Balance	0.00	

For support, contact the [Labor Commissioner's Office](https://www.dir.ca.gov/dlse/DistrictOffices.htm)

Workers' Compensation

Professional Employer Organization (PEO)

Do you lease employees through Professional Employer Organization? No

Workers' Compensation Overview

Carrier: TRAVELERS INSURANCE
Inception Date: 10/24/2022
Policyholder Name: DOWNSTREAM SERVICES, INC.
Expiration Date: October 24, 2023
Policy Number: UB-3R104531-22-26-G

Certification

- Yes I certify that I do not have any delinquent liability to an employee or the state for any assessment of back wages or related damages, interest, fines, or penalties pursuant to any final judgment, order, or determination by a court or any federal, state, or local administrative agency, including a confirmed arbitration award
- Yes I certify that the contractor is not currently debarred under Section 1777.1 or under any other federal or state law providing for the debarment of contractors from public works.
- Yes I certify that one of the following is true: (1) I am licensed by the Contractors State License Board (CSLB) in accordance with Chapter 9 (commencing with Section 7000) of the Business and Professions Code; or (2) my business or trade is not subject to licensing by the CSLB.

I understand refunds are not authorized

I, Rebecca Dennis, the undersigned, am , DOWNSTREAM SERVICES, INC. with the authority to act for and on behalf of the above named contractor. I certify under penalty of perjury that all of the above information provided is true and correct. I further acknowledge that any untruthful information provided in this application could result in the certification being canceled.

I certify this on: 1:38 PM

Legal Entity Information

Legal Entity Type: Corporation

Name: DOWNSTREAM SERVICES, INC.

DOWNSTREAMSERVICES.COM



Stormwater &
Wastewater
Systems
Specialists

DownStream
Services, Inc.



GRIT. INTEGRITY. EXPERTISE. FAMILY.

We are never afraid of a challenge.

We provide quality service that works for the client and the environment.

We have the right equipment, the right skills and the right team to tackle your toughest jobs.

We are a family owned and operated business, dedicated to keeping our clients and staff healthy, happy and safe.

**Trained and Certified per OSHA and
EM 385 Standards**

**Contact us for a complete list of
current licenses and certifications**

Downstream Services is a certified small business enterprise and general engineering firm with offices in San Diego and Ventura counties.



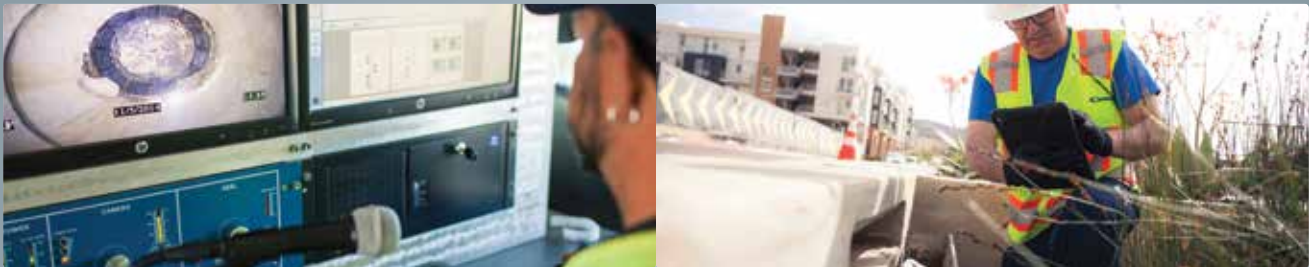
FOR MORE THAN 20 YEARS

Downstream Services has continuously provided critical solutions in environmental compliance. We are the defenders of our water resources and the life it supports.

Our highly skilled personnel and substantial fleet of specialty equipment serves the needs of California communities, delivering quality service and customer experience that is centered on the client's goals and objectives. By taking the time to truly listen and understand our customers, we ensure the best possible outcome on every project, regardless of its size or complexity.

KEY SERVICES

Downstream Services specializes in the assessment, maintenance and rehabilitation of stormwater, wastewater and underground utility systems.



PIPELINE ASSESSMENT + MAINTENANCE

CCTV pipeline inspection, PACP condition assessment, pipeline cleaning, hydrojetting and manhole inspection

STORMWATER COMPLIANCE + POLLUTION PREVENTION

Assessment and maintenance of conveyance systems, inspection and cleaning services, compliance recommendations and guidelines



UNDERGROUND SERVICES + TRENCHLESS TECHNOLOGIES

UV GRP pipeline rehabilitation, installation and repair of wet utilities

INSTRUMENTATION + PUMP STATION MAINTENANCE

Installation and maintenance of pump stations and flow monitoring



24 HOUR EMERGENCY RESPONSE

- 24/7 Emergency response availability
- Removal, transportation and waste disposal
- Emergency repairs and bypass pumping

ENDORSED AND LICENSED

Downstream Services provides efficient and safe solutions for waste removal and is endorsed to handle, transport and dispose of contaminated and non-contaminated waste. Contact us for a complete list of current licenses and certifications.



Condition Assessment Fleet & Capabilities

- CCTV Inspection Camera Systems for Lines 6" and Larger in Diameter
- Large Diameter Line Inspection Float Transporters
- Storm Drain Camera Transporters
- Push Camera Systems for Lateral Inspection 2" - 6" in Diameter
- Long Range Sonar Inspection Unit
- Manhole Inspection System

CCTV INSPECTION + CONDITION ASSESSMENT

With its extensive fleet of CCTV inspection vehicles, equipment and certified, highly skilled team members, Downstream Services has the resources and expertise to inspect and assess wastewater collection and stormwater conveyance systems accurately and efficiently.



Our NASSCO PACP, LACP and MACP certified technicians deliver real-time video/audio documentation and analysis reports to assist our clients in planning needed maintenance and rehabilitation projects.

LATERALS PIPELINES MANHOLES



Downstream Services inspection systems are capable of articulating in adverse pipe conditions ranging from 3 to 200 inches in diameter and up to 6,000 feet in length.

Our long range CCTV and sonar equipment extends assessment capabilities to provide detailed information on charged pipelines with cross-sectional scans and calculation of a structure's total volume of sediment and debris in varying flow conditions—information that is critical to assessing the performance and health of large diameter pipelines.

PIPELINE CLEANING + MAINTENANCE

HYDROJETTING

With units capable of water pressures up to 4000psi at 180gpm, we combine vacuum and water technology for effective cleaning, scouring of tuberculation, rust and root removal. Our trucks are equipped with recycling, dewatering and compaction capabilities to increase productivity, create dryer payloads and lower disposal costs.

MECHANICAL BUCKET CLEANING

Solid debris that cannot be effectively removed through hydrojetting is remedied by special heavy duty cable and bucket machines that can muscle 10,000 lbs of pull at a distance of 400 feet.



“ *The crew that came out are extremely impressive! A job well done!
We will definitely be using your firm again.* **”**

-- Ryan, City of SM Facilities Maintenance

THE RIGHT METHOD + TOOLS FOR THE JOB

From mechanical bucket machines to high-pressure combination trucks, Downstream Services offers a wide variety of methods for cleaning and disposal.

We select the preferred method of cleaning based on the following variables:

- Previous History and Structural Composition
- Project Footprint and Site Conditions
- Quantity of Debris and Flow Levels

Camel Jet/Vacuum Combo Trucks

**Recycling Camel Jet/Vacuum
Combo Trucks**

750 Gal Mini Pumper Trucks

Trailer Jetters

4,000 Gal Pumper Trucks

Push Plate Systems

Mechanical Bucket Cleaning Systems

Transportable Treatment Units (TTU)

Bypass Pumping Systems

**Wide Range Of Nozzles, Proprietary
Attachments and Specialty Cleaning Tools**

TRENCHLESS PIPELINE REHABILITATION

Downstream Services is an authorized installer of Alphaliner® ultraviolet light glass reinforced pipe (UV GRP) from Reline America®. This trenchless pipeline renewal method is designed for the rehabilitation of lines ranging from 6" to 72" inches in diameter.



Alphaliner® UV GRP

Possesses superior structural strength with a 50+ year performance life. It's speed, simplicity and ease of installation limits community impact and delivers exceptional ROI.

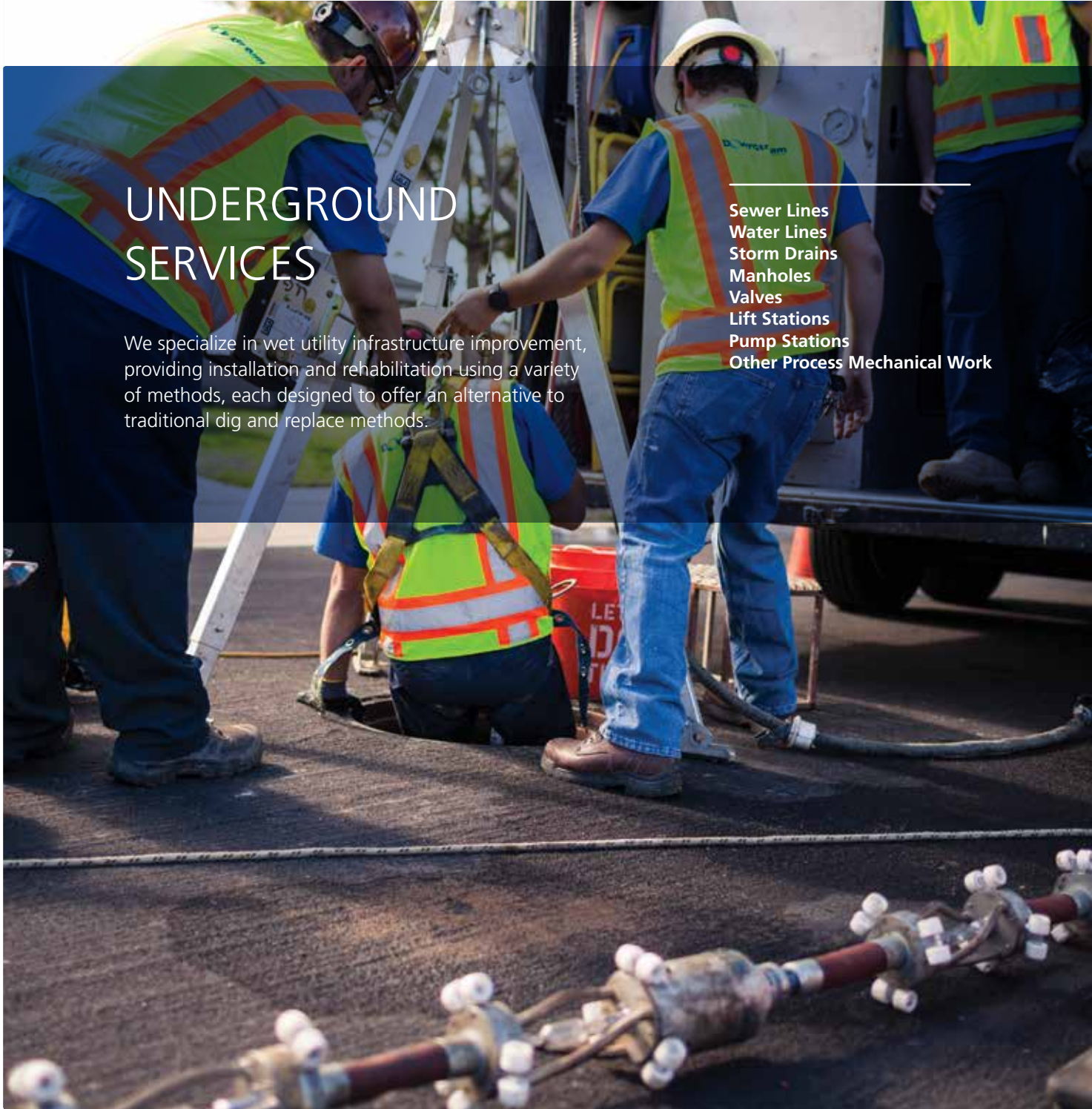
Alphaliner is an environmentally-friendly solution with no release of styrene condensate, no liquid waste, low energy consumption and less construction noise.

The Quality Tracker System™ monitors the installation process and liner integrity prior to and throughout the curing process to ensure installation quality and a sustainable performance of the liner.

UNDERGROUND SERVICES

We specialize in wet utility infrastructure improvement, providing installation and rehabilitation using a variety of methods, each designed to offer an alternative to traditional dig and replace methods.

- Sewer Lines
- Water Lines
- Storm Drains
- Manholes
- Valves
- Lift Stations
- Pump Stations
- Other Process Mechanical Work

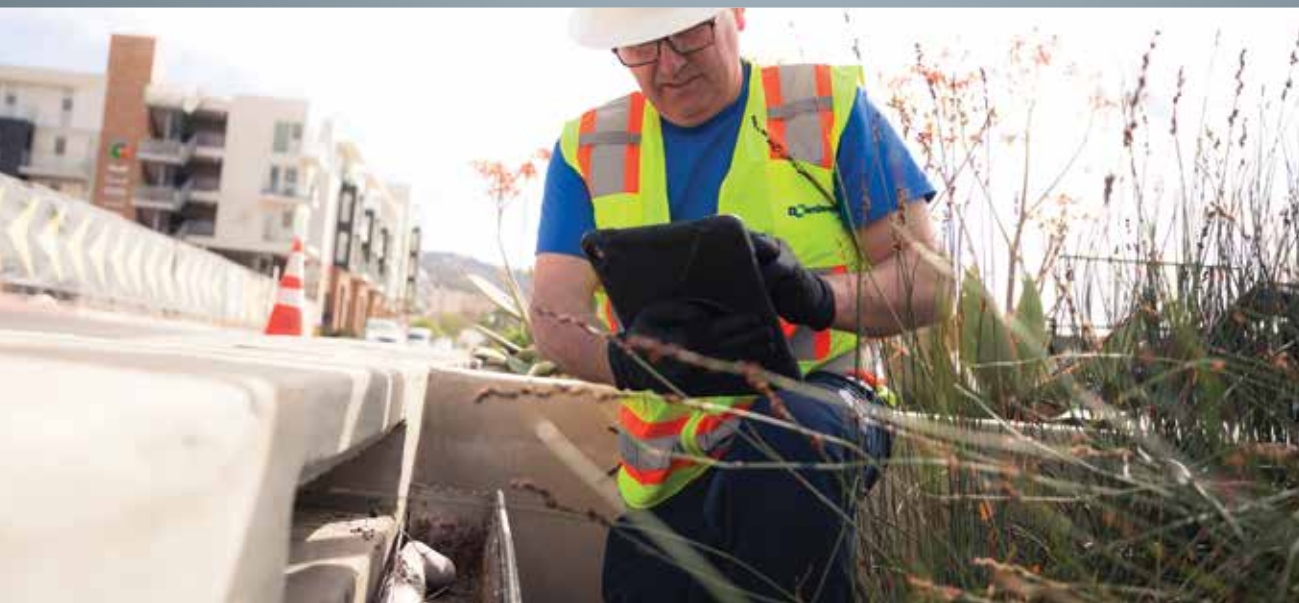




STORMWATER SOLUTIONS

Downstream Services strives to ensure the sustainability of our waterways for future generations by addressing pollution prevention, establishing Preventative Maintenance Programs (PMP), Treatment Control Programs (TCP) and providing ongoing education to our staff and clients.

In accordance with the Clean Water Act (CWA) and National Pollutant Discharge Elimination System Permit Program (NPDES), we have established a dedicated division to assist clients with compliance of Federal, State and local regulations.





-
- Biological Swales
 - Detention and Retention Basins
 - Filter Sales and Installation
 - Green Infrastructure
 - Hydrodynamic Separator Units (HDS)
 - Isolator Rows
 - Pervious Surfaces

LET US GUIDE YOU

The NPDES permit controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

The State of California has been delegated to implement the permit through the State Water Board and the nine Regional Water Quality Control Boards.

These laws were established to ensure that point source systems (WQMP/SUSMP/SWMP/SWPPP/MS4) are effectively removing contaminants that would otherwise drain into our waterways.

Scheduled inspection and maintenance of stormwater conveyance systems is not only required, but is also important to effectively sustain our water resources.

Our certified professionals in Stormwater Quality will customize a program to include the following:

- Assessment of the Storm Water Conveyance System
- TCBMP Recommendations and Guidelines
- Inspection, Post-Construction Installation and Cleaning Services
- Lab Analysis, Disposal and Manifesting
- Compliance and Annual Maintenance Verification Forms



We offer a no-obligation site inspection to verify property needs and requirements.

INSTRUMENTATION + PUMP STATION MAINTENANCE

Downstream Services plans and implements preventative maintenance programs and engineered assessment for sewer and storm drain pump stations.

We design, build and maintain pump stations using the latest industry standards and best practices.

Technicians are available 24/7 to respond to emergency pump station and instrumentation issues.

- PM PROGRAM PLANNING & IMPLEMENTATION
- TEMPORARY & PERMANENT FLOW MONITORING
- TROUBLESHOOTING STATION CONTROL ISSUES
- PUMP STATION INSTALLATION REPAIR & REPLACEMENT



FLOW MONITORING

We have the latest in flow monitoring technology that allows us to monitor and record flows for all fluid process and waste flows. We can temporarily or permanently monitor both gravity and forced main applications.

EMERGENCY RESPONSE

Downstream Services provides emergency services for stormwater, wastewater and water systems 24 hours a day, seven days a week.

With the ability to mobilize vehicles and equipment within two hours or less, we can provide:

- Confined Space and SCBA Entries
- Hydro-Jetting, Vacuum Cleaning and Containment
- Real-Time CCTV Inspections
- Location, Assessment and Remediation of Breaks, Blockages and Overflows
- Investigation of Sink Holes
- Storm Drain Cleaning from Illicit Dumping
- Emergency Bypass Pumping
- Assessment, Replacement and Repair of Underground Utilities
- Instrumentation Analysis and Repair
- Pump and Process Systems Analysis and Repair

As a precautionary measure, Downstream Services maintains a standard Sanitary Sewer Overflow (SSO) operating procedure which serves as a guideline to assist and mitigate spill containment.

Downstream Services is currently listed as a "Special Emergency Response Team" with various agencies, including the Department of the Navy, California Department of Transportation, Municipal and private organizations.



DOWNSTREAMSERVICES.COM



2855 Progress Place
Escondido CA 92029

Toll Free 800.262.0999
Local 760.746.2544
Fax 760.746.2667

info@downstreamservices.com

GRIT. INTEGRITY. EXPERTISE. FAMILY.

DownStream
Services, Inc.

NOTICE TO ALL BIDDERS

Completion and submittal of all enclosed forms including, but not limited to sheets BF-9 & BF-10 is required and must be included with original bid. Failure to submit the required documents shall be deemed as an incomplete bid and shall not be considered by City as a valid bid.

BID FORM

Bid Date: **August 2, 2023 ~~July 28, 2023~~**
Time: 5:00 p.m. (PST)
Place: 101 North "D" Street, Perris, CA - Online through Active Bidder
Project: Storm Drain System Maintenance, Inspection, and Related Services (Spec. No. #FCD1-2023-24-01)

TO THE CITY OF PERRIS, hereinafter called the Agency, the undersigned, as Bidder, declares that he has carefully examined the location of the project, that he has examined the plans and specifications and addenda (if any), and has read the Information for Bidders, and hereby proposes and agrees, if this bid is accepted, to furnish all materials to do all work required to complete the said plans and specifications in the time and manner herein prescribed for the Bid Price set forth in the Schedule of Bid Items.

Proposal of _____, hereinafter called "Bidder", organized and existing under the laws of the State of _____, doing business as _____. Insert "a corporation", "a partnership", "a joint venture", or "an individual", as applicable.

No separate payment will be made for any item that is not specifically set forth in the Schedule of Bid Items. All costs, therefore, shall be included in the prices named in the Schedule of Bid Items for the various appurtenant items of work. In case of discrepancy between words and figures, words shall prevail.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies, as to his own organization that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor. Since time is of the essence, Bidder hereby agrees to commence work under this Contract on September 11, 2023, and to fully complete all work on or before the time periods specified in the Contract Documents after receiving the Notice to Proceed. The Bidder agrees that failure to complete work within the time allowed will result in damages being sustained by the City. Bidder and City agree that failure to complete the project will result in inconvenience to the citizens of PERRIS. The parties also agree that failure to complete the project on time will prevent the City from having use of the affected facilities. Therefore, the parties agree such damages among others are, and will continue to be, impracticable and extremely difficult to determine, but that \$500 a calendar day is the minimum value of such costs to the City and is a reasonable amount that the Bidder agrees to reimburse the City for each calendar day of delay in finishing the work in excess of the time specified for completion, plus any authorized time extensions. Execution of the contract under these specifications shall constitute agreement by the Bidder and the City that the above indicated liquidated damage amount per calendar day is the minimum value of the costs and actual damage caused by failure of the Bidder to complete the work within the allotted time, that such sum is liquidated damages and shall not be construed as a penalty, and that such sum may be deducted from payments due the Bidder if such delay occurs. Said amount may be reduced by the City if work is sufficiently completed within the allotted time so that the damages are minimized. The undersigned, as Bidder proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the following prices, to wit:

BF-1

STORM DRAIN SYSTEM MAINTENANCE, INSPECTIONS AND RELATED SERVICES
(SPEC.#FCD 1-2023-24-01)
Schedule of Bid Items

Bidder (Company Name): _____ Type text here

The bid prices stated below shall include all cost for profit, overhead, material, labor, transportation, taxes, installation work and all other incidental cost and work that are necessary to complete all items as specified on the project plans and delineated in the project specifications ready for use by the City. “Unit Price” will be calculated to include the number of cleanings required per year. Costs may escalate annually after the second year during the extension periods based on the ~~“Common Labor, Construction Cost Index”, as published by Engineering News-Record (ENR), in subsequent years,~~ Consumer Price Index (CPI) or 3% whichever is lower, for the two 1-year extension periods.

Note: *Unit Price to be the total yearly amount as noted in the “Item Description” (either once, twice, or three times).

BASE BID SCHEDULE

	(A)	(B)	(C)	
BID ITEM NO.	ESTIMATED QUANTITY AND UNIT	ITEM DESCRIPTION	UNIT PRICE (Figures)	= Yearly Price (Figures) (AxC)

1) Bid Schedule - North

A. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]

Bid Item #	Unit	Item Description	Unit Price*	Total Cost
1.	340 EA	339 Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ 149.00 /E.A.	\$ 50,660.00
2.	340 EA	339 Inspect, photo document, and log conditions before and after cleaning of catch basins and Inlets, per plans and	\$ 2.00 /E.A.	\$ 680.00

BF-2A

		specifications (2 times per year)		
3.	242 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>225.00</u> /E.A.	\$ <u>54,450.00</u>
4.	242 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>726.00</u>
5.	1 EA	Remove and dispose of debris from catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>2400.00</u> /E.A.	\$ <u>2,400.00</u>
6.	1 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>3.00</u>
7.	541 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>18.00</u> /E.A.	\$ <u>9,738.00</u>
8.	144 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>30.00</u> /L.F.	\$ <u>4,320.00</u>
9.	8 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and	\$ <u>2.00</u> /E.A.	\$ <u>16.00</u>

BF-2B

specifications (2 times per year)

10.	83,865 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under, per plans and specification (once-every two years)	\$ <u>3.25</u> /L.F.	\$ <u>272,561.25</u>
11.	27,356 LF 27,112	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once-every two years)	\$ <u>4.00</u> /L.F.	\$ <u>108,448.00</u>
			Type text here	
12.	111,221 LF 110,977	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once-every two years)	\$ <u>2.00</u> /L.F.	\$ <u>221,954.00</u>
13.	12,980 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>5.00</u> /L.F.	\$ <u>64,900</u>
14.	12,980 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>2.00</u> /L.F.	\$ <u>25,960.00</u>
15.	12 EA	Remove and dispose of debris from Hydrodynamic Separator, CDS Model PSW 30-30 (CDS3030) per plans	\$ <u>3,850.00</u> /E.A.	\$ <u>46,200.00</u>

BF-2C

and specifications (**annually
~~once every two years~~**)

16.	12 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic separators, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>1,800.00</u>
17.	4 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 5000 (VX5000) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>15,400.00</u>
18.	4 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separators, Model Vortech 5000 (VX5000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>600.00</u>
19.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
20.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>

BF-2D

		specifications (annually once- every two years)		
21.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually once- every two years)	\$ <u>3850.00</u> /E.A.	\$ <u>7,700</u>
22.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually once- every two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
23.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually once- every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
24.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually once- every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
25.	3 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once- every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>11,550.00</u>

BF-2E

26.	3 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>450.00</u>
27.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
28.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
29.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
30.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
31.	1 LS	Jetter/Vacuum Truck – Emergency Work (100 Hrs.)	\$ _____ /L.S.	\$ _____

BF-2F

B. YEAR 2 [and Year 4 (second year of the two 1-year extensions)]

BiBid Item #	Unit	Item Description	Unit Price*	Total Cost
331. 32. 340	339 EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>149.00</u> /E.A.	\$ <u>50,660.00</u>
32. 33. 340	339 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins and inlets, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>680.00</u>
33. 34.	242 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>225.00</u> /E.A.	\$ <u>54,450.00</u>
34. 35.	242 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>726.00</u>
35. 36.	1 EA	Remove and dispose of debris from catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>2400.00</u> /E.A.	\$ <u>2,400.00</u>
36. 37.	1 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>9.00</u> /E.A.	\$ <u>9.00</u>
37. 38.	541 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>18.00</u> /E.A.	\$ <u>9,738.00</u>

BF-2G

- ~~38. 39.~~ 144 LF Remove and dispose of debris \$ _____/L.F. \$ 4,320.00
from under sidewalk drain, per
plans and specifications (2
times per year)
- ~~39. 40.~~ 144 LF Inspect, photo document, and \$ 2.00 /L.F. \$ 288.00
log conditions before and after
cleaning of under sidewalk
drain, per plans and
specifications (2 times per year)
40. 12 EA **Remove and dispose of debris \$ 3,850.00 /E.A. \$ 46,200.00
from Hydrodynamic
Separator, CDS Model PSW
30-30 (CDS3030) per plans
and specifications (annually)**
41. 12 EA Inspect, photo document, and \$ 150.00 /E.A. \$ 1,800.00
log conditions before and
after cleaning of
Hydrodynamic separators,
CDS Model PSW 30-30
(CDS3030) per plans and
specifications (annually)
42. 4 EA Remove and dispose of debris \$ 3,850.00 /E.A. \$ 15,400.00
from Hydrodynamic
Separator, Model Vortech
5000 (VX5000) per plans and
specifications (annually)
43. 4 EA Inspect, photo document, and \$ 150.00 /E.A. \$ 600.00
log conditions before and
after cleaning of
Hydrodynamic Separators,
Model Vortech 5000 (VX5000)
per plans and specifications
(annually)
44. 1 EA Remove and dispose of debris \$ 3,850.00 /E.A. \$ 3,850.00
from Hydrodynamic

BF-2H

Separator, Model Vortech
3000 (VX3000) per plans and
specifications (annually)

4 45.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
46.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
47.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
48.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
49.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>

BF-2I

50.	3 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>11,550.00</u>
51.	3 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>450.00</u>
52.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
53.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
54.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
9.				
55.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
41.	1 LS	Letter/Vacuum Truck (In Words) Emergency Work (100 Hrs.)	\$ _____ /L.S.	\$ _____ (In Figures)

BF-2J

Type text here

Subtotal North (Bid Items #1- 55 41)	ONE MILLION ONE HUNDRED FORTY THOUSAND, EIGHTY SEVEN DOLLARS <u>AND TWENTY FIVE CENTS</u> (In Words)	<u>\$1,140,087.25</u> (In Figures)
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2) Bid Schedule - SOUTH

C. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]

Bid Item #	Unit	Item Description	Unit Price*	Total Cost
56. 42.	523 EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>149.00</u> /E.A.	\$ <u>77,927.00</u>
57. 43.	523 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>1,046.00</u>
58. 44.	119 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>225.00</u> /E.A.	\$ <u>26,775.00</u>
59. 45.	119 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>357.00</u>
60. 46.	3 EA	Remove and dispose of debris from catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	\$ <u>1600.00</u> /E.A.	\$ <u>4,800.00</u>

BF-2K

61. 47.	3 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>6.00</u>
				Type text here
62. 48.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>1000.00</u> /E.A.	\$ <u>8,000.00</u>
63. 49.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>16.00</u>
64. 50.	599 EA	Provide and install painted stencil message per plans and specifications (annually)	\$ <u>18.00</u> /E.A.	\$ <u>10,782.00</u>
65. 51.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>30.00</u> /L.F.	\$ <u>9,360.00</u>
66. 52.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>28.00</u>
67.	3 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #36 (3640WQA) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>11,550.00</u>

BF-2L

68.	3 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 (3640WQA) per plans and specifications (annually)	\$ _____/E.A.	\$ <u>450.00</u>
69.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
70.	1 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
71.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
72.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
73.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
74.	1 EA	Inspect, photo document and log condition before and after	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>

BF-2M

		cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)		
75.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
76.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
77.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
78.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
79.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
80.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>

BF-2N

**11000 (VX11000) per plans
and specifications (annually)**

81.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
82.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
83.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
84.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
85.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
86.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator,	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>

BF-20

**Model Vortech Unit 16000
(VX16000) per plans and
specifications (annually)**

87.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
88.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
89.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
90.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
91.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
92.	2 EA	Inspect, photo document and log conditions before and	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>

BF-2P

after cleaning of
 Hydrodynamic Separator,
 Vortech System 1000
 (VX1000) per plans and
 Specifications (annually)

~~53.~~ 1-LS ~~Jetter/Vacuum Truck –~~ \$ /L.S. \$
~~Emergency Work (100 Hrs.)~~

D. YEAR 2 [and Year 4 (second year of the two 1-year extensions)]

93. 54.	523 EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>149.00</u> /E.A.	\$ <u>77,927.00</u>
94. 55.	523 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins and inlets, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>1,046.00</u>
95. 56.	119 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>225.00</u> /E.A.	\$ <u>26,775.00</u>
96. 57.	119 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>357.00</u>
97. 58.	3 EA	Remove and dispose of debris from catch basins with REM inlet filter Units, per plans and	\$ <u>1600.00</u> /E.A.	\$ <u>4,800.00</u>

BF-2Q

98. 59.	3 EA	specifications (2 times per year) Inspect, photo document, and log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>6.00</u>
99. 60.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>1000.00</u> /E.A.	\$ <u>8,000</u>
100. 61.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>16.00</u>
101. 62.	599 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>18.00</u> /E.A.	\$ <u>10,782.00</u>
102. 63.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>10.00</u> /L.F.	\$ <u>3,120.00</u>
103. 64.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>28.00</u>
104. 65.	101,902 101,906 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under,	\$ <u>3.25</u> /L.F.	\$ <u>331,181.50</u>

BF-2R

		per plans and specification (once-every two years)		
105. 66.	18,739 18,736 LF	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once-every two years)	\$ <u>4.00</u> /L.F.	\$ <u>74,956.00</u>
106. 67.	120,641 120,645 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once-every two years)	\$ <u>2.00</u> /L.F.	\$ <u>241,282.00</u>
107. 68.	10,560 10,834 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>5.00</u> /L.F.	\$ <u>52,800.00</u>
108. 69.	10,560 10,834 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>2.00</u> /L.F.	\$ <u>21,120.00</u>
109. 70.	3 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #36 #30 (3640WQA) per plans and specifications (annually once-every two years)	\$ <u>3,850</u> /E.A.	\$ <u>11,550.00</u>
110. 71.	3 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 #30 (3640WQA) per plans	\$ <u>150.00</u> /E.A.	\$ <u>450.00</u>

BF-2S

and specifications (**annually
~~once every two years~~**)

111. 72.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
112. 73.	1 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
113. 74.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
114. 75.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
115. 76.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>

BF-2T

116. 77.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
117.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
118.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
119. 82.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
120. 79.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
121. 80.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>

BF-2U

122. 81.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
123. 82.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
124. 83.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
125. 84.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
126. 85.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
127. 86.	1 EA	Remove and dispose of debris from Hydrodynamic	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>

BF-2V

Separator, Model Vortech Unit
16000 (**VX16000**) per **plans**
and specifications (annually
~~**once every two years**~~)

128. 87.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
129. 88.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
130. 89.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually once every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
131. 90.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 JPHV-8X7-10X8 per Specifications (annually once every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>

BF-2W

132. 91.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 JPHV-8X7-10X8 per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
133. 92.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually once-every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
134. 93.	2 EA	Inspect, photo document and log conditions before and after cleaning of Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
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94.	1-LS	Jetter/Vacuum Truck – Emergency Work (100 Hrs.)	\$ _____ /L.S.	\$ _____

Subtotal SOUTH (Bid Items # 56-134 42-94)	NINE HUNDRED TWENTY SIX THOUSAND ONE HUNDRED NINETY SIX DOLLARS AND SEVENTY FIVE CENTS (In Words)	<u>926,196.50</u>	<u>(In Figures)</u>
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GRAND TOTAL BID AMOUNT FOR:
STORM DRAIN SYSTEM MAINTENANCE, INSPECTIONS AND RELATED SERVICES
(SPEC.#FCD 1-2023-24-01)

GRAND TOTAL ALL BID SCHEDULES #1-#2 ITEMS (1 through **134**) \$ _____

BF-2X

94)

2,277,380.75

(In Figures)

TWO MILLION, TWO HUNDRED SEVENTY SEVEN THOUSAND, THREE HUNDRED EIGHT DOLLARS, SEVENTY FIVE CENTS
(In Figures, Cont'd)

GRAND TOTAL ALL BID SCHEDULES #1-#2 ITEMS (1 through 134 94)

\$

(In Words)

(In Words, Cont'd)

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Please note the following regarding bids:

A. At the sole and absolute discretion of the Agency City, Award if made, will be made to one (1) lowest and responsible bidder based upon lowest total of all bid items within Base Bid shown on the North and South Maintenance Area Map, and Additive-Alternative Supplemental Bid Schedules #1-#2 (Items #1-#134 94), combined; or will be made to two (2) separate lowest and responsible bidders, based upon the lowest total of all bid items shown on the North Maintenance Area Map Bid Schedule #1 (Items #1-#55 41), combined; and the lowest total of all bid items shown on the South Maintenance Area Map Bid Schedule #2 (Items #56-#134 #42-#94), combined. The Agency shall have the sole and absolute discretion to determine the best combination of individual awards that shall serve the Agency's best interest. It shall be at the City's sole discretion to determine the sequencing of the award of the geographic areas to either one or two individual bidders, which shall serve the City's best interest.

B. The Grand Total Bid Amount stated above shall include all work and cost for work as specified on the project plans and delineated in the project specifications, whether specifically listed above or not, and all other incidental and appurtenant work that is necessary to complete the specific items of work including Bidder's overhead and mark- up, purchase of materials, tools and equipment, taxes, and all other taxes and fees, transportation cost, permit fees, testing laboratory cost, and all other costs made necessary by the Contract Documents to provide the Agency City of Perris with a complete operational and facility meeting the approval of the Agency City of Perris and other agencies having jurisdiction over the project.

C. Bid is for a project complete-in-place.

D. Bid shall include all sales tax, and all other taxes and fees.

E. The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he

BF-2Y

will accept in full payment thereof the following prices as set forth in Bid Schedules.

F. The quantities above are approximate only and are given for the purpose of comparison only, payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities shall require verification by **Agency-City**, and a written change order will be required prior to payment. Upon receipt of the Notice of Award, Contractor shall submit to the City for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the **Agency City** to determine partial payments.

G. If awarded this contract, the Bidder agrees to execute the Contract and submit the Labor and Materials Payment Bond, Contract Performance Bond, and Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract, Bond, and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Bidder's failure to execute a written agreement to perform the work at his Bid Price.

H. The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

BF-2Z

The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the preceding prices ~~as~~^{set} set forth in Bid Schedules.

Quantities above are for the purpose of comparison only and payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities, shall require verification by City, and a written change order will be required prior to payment. For quantities indicated as lump sum, Contractor shall be paid at the Contract per lump sum price indicated, and shall include full compensation for all work and no additional compensation will be allowed thereof. Where discrepancies occur between words and figures, the words shall govern. Upon receipt of the Notice of Award, Contractor shall submit to the Agency for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the Agency to determine partial payments.

If awarded this contract, the Bidder agrees to execute the Contract and submit the Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Contractor's failure to execute a written agreement to perform the work at his Bid Price.

The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The bidder _____, proposed subcontractor _____, hereby certifies that he has _____, has not _____, participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

NOTE: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41CFR 60-1.7(b)(1), and must be submitted by Bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in

41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt).

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract, subject to the Executive Orders, and have not filed the required reports should note that 41 CFR 60-1.7 (b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

Noncollusion Affidavit

(Title United States Code Section 112 and
Public Contract Code Section 7106)

In accordance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Note: The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

DEBARMENT AND SUSPENSION CERTIFICATION

(Title 49, Code of Federal Regulations, Part 29)

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, office manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- Has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years;

- Does not have a proposed debarment pending; and

- Has not be indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any manner involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will not necessarily result in denial of award, but will be considered in determining Bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Note: Providing false information may result in criminal prosecution or administrative sanctions.

The above certification is part of the Proposal. Signing this proposal on the signature portion thereof shall also constitute signature of this Certification.

NON LOBBYING CERTIFICATION FOR FEDERAL AID CONTRACTS

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form – LLL, “Disclosure of Lobbying Activities”, in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, and U.S. Code. Any person who fails to file the required certifications shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

The prospective participant certifies, by signing and submitting this bid or proposal, agrees to indemnify City and hold it harmless against any liability arising from site investigation, testing or inspection.

Type text here

Name (please print)

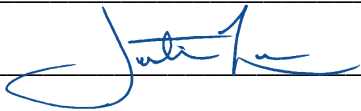
08/02/23
Date of Inspection

Bidder acknowledges receipt of the following Addenda:

<u>#1</u> _____	Dated <u>08/02/23</u> _____
_____	Dated _____
_____	Dated _____
_____	Dated _____

NAME OF BIDDER: _____

NAME AND TITLE OF SIGNING PARTY: _____

SIGNATURE OF BIDDER:  _____

Contractor's California License No.

(CORPORATE SEAL)

Name of License Holder

Type of License

Expiration Date

Contact Information:

Company Name: _____

Contact Person: _____

Title: _____

Company Address: _____

Phone Number: _____

Fax Number: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned,
_____ as Principal,
and _____ as Surety, are
hereby held and firmly bound unto the CITY OF PERRIS as Agency in the penal sum of

_____ for the payment
of which, well and truly to be made, we hereby jointly and severally bind ourselves,
successors and assigns. (Note: City of Perris requires bid bond to be at least equal to
10% of bid amount).

Signed, this _____ day of _____, 2023.

The Condition of the above obligation is such that whereas the Principal has submitted to
the Agency a certain Bid, attached hereto and hereby made a part hereof, to enter into a
contract in writing for the

PROJECT: Storm Drain System Maintenance, Inspection and Related Services
(Specification No. #FCD-1-2023-24-01)

NOW, THEREFORE,

- A. If said Bid shall be rejected, or
- B. If said Bid shall be accepted and the Principal shall execute and deliver a contract
in the Form of Contract attached hereto (properly completed in accordance with
said Bid) and shall furnish Bonds for his faithful performance of said Contract and
for the payment of all persons performing labor or furnishing materials in connection
therewith, the required Insurance Certificates, and shall in all other respects
perform the agreement created by the acceptance of said Bid, then this obligation
shall be void, otherwise the same shall remain in force and effect; it being expressly
understood and agreed that the liability of the Surety for any and all claims
hereunder shall, in no event, exceed the penal amount of this obligation as herein
stated.

The Surety, for value received, hereby stipulates and agrees that the obligation of said
Surety and its Bond shall be in no way impaired or affected by any extension of the time
within which the Agency may accept such Bid; and said Surety does hereby waive notice
of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Two Witnesses
(If Individual):

PRINCIPAL: _____

By: _____

Title: _____

ATTEST (If Corporation):

By: _____

Title: _____

(Corporate Seal)

ATTEST:

By: _____

Title: _____

(Corporate Seal)

SURETY:

By: _____

Title: _____

IMPORTANT: Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the Project is located.

THIS IS A REQUIRED FORM

Any claims under this bond may be addressed to:

(Name and Address of Surety)

(Name and Address of Agent
or Representative for
service of process in
California, if different
from above)

(Telephone Number of Surety
and Agent or Representative
for service of process in
California)

DESIGNATION OF SUBCONTRACTORS

In compliance with the provisions of section 2.3 of the Standard Specifications, the Bidder shall set forth below the name and location of the mill, shop or office of each Subcontractor and the portions of the work, which will be done by that Subcontractor.

In compliance with the provisions of Section 2-3.2 of said “Standard Specifications” Bidder understands and agrees that the Contract Work described in the Plans and Specifications No. #FCGF 1-2022-2023-01 for the General Fund Storm Drain Maintenance Services Project requires the Contractor to perform, with its own organization, Contract Work amounting to at least 50% of the Contract Price as provided in Section 2-3.2 Additional Responsibility of the current edition of the “Standard Specifications for Public Works Construction” prepared and promulgated by the Southern California Chapters of the American Public Works Association and Associated General Contractors of California (“Greenbook”).

Pursuant to Section 1771.1 of the Labor Code, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal (submitted on or after March 1, 2015), or engage in the performance of any contract for public work unless currently registered with the Department of Industrial Relations to perform public work pursuant to Section 1725.5 of the Labor Code. Bidders and their sub-contractors shall provide an extract PDF at the of bid showing active registration from the Public Works Contractor online registration at <https://efiling.dir.ca.gov/pwcr/search>

In compliance with the provisions of the Government Code, Section 4100-4108, the undersigned Bidder herewith sets forth the name and location of the place of business of each Subcontractor who will perform work or labor or render service to the Contractor on or about the construction site of the work or improvements in an amount in excess of one-half of one percent (½%) of the Contractor's total bid and the portion of the work which will be done by each Subcontractor as follows:


Trade	% Of Work		License No.	Address
	To Be Done	Name		
JETTING	<5%	PREMIER PIPE	1054668	1685 WEST LISBON, UPLAND CA
CCTV	<10%	NATIONAL PLANT	351503	1461 HARBOR AVE., LONG BEACH CA

* Identify any DBE subcontractors

ANTI-TRUST CLAIM

In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or Subcontractor offers and agrees to assign to the Agency all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the Public Works Contract or the Contract or the Subcontract. This assignment shall be made and become effective at the time the Agency tenders final payment to the Contractor, without further acknowledgment by the parties.

RESPECTFULLY SUBMITTED:

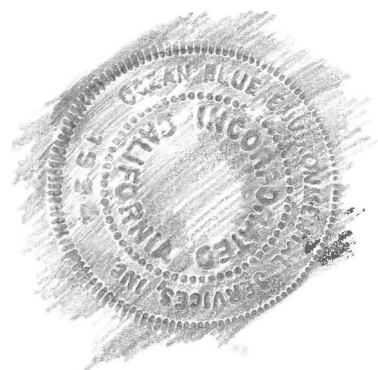
 _____ Signature	_____ Please Print
_____ Title	_____ Address
_____ Date	_____ Address
_____ Contractor's California License No.	_____ Type of License
_____ Name of License Holder	_____ Expiration Date

THE REPRESENTATIONS MADE HEREIN ARE MADE UNDER PENALTY OF PERJURY.

Federal I.D. No.

(SEAL-if Bid is by a Corporation)

ATTEST _____

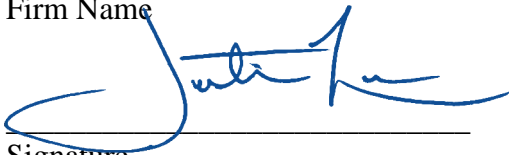


CERTIFICATION - LABOR CODE SECTION 1861

I, the undersigned Contractor, am aware of the provisions of section 3700 et. seq. of the Labor Code which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I, the undersigned Contractor, agree to and will comply with such provisions before commencing the performance of the Work of this Contract.

CONTRACTOR:

Firm Name



Signature

Print Name

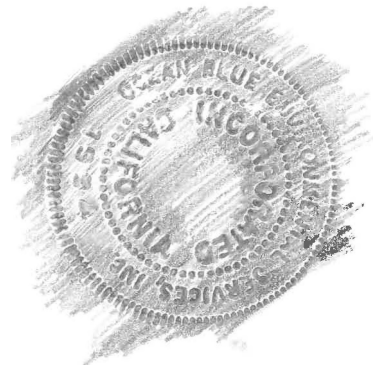
Contractor's California License No.

Expiration Date

Federal I.D. No.

(SEAL-if Bid is by a Corporation)

ATTEST _____



CERTIFICATION OF NON-DISCRIMINATION

On behalf of the Bidder making this proposal, the undersigned certifies that there will be no discrimination in employment with regard to ethnic group identification, color, religion, sex, age, physical or mental disability, or national origin; that all Federal, State, and local directives and executive orders regarding nondiscrimination in employment will be complied with; and that the principle of equal opportunity in employment will be demonstrated positively and aggressively.

DATED: _____

(Name of Bidder)

(Signature)

(Typed Name and Title)

California
License No.

Type of License

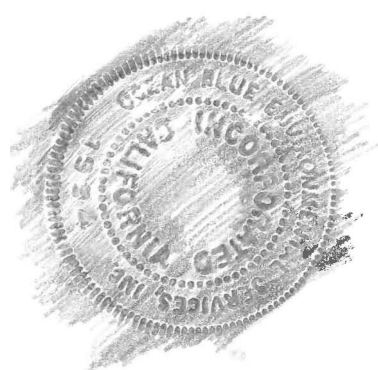
Name of License Holder

Expiration Date

Federal I.D. No.

(SEAL-if Bid is by a Corporation)

ATTEST _____



150.0\
EXPERIENCE STATEMENT

Bidder submits, as part of his bid, the following statements as to his experience qualifications. Bidder certifies that all statements and information set forth below are true and accurate. Bidder hereby authorizes the agency to make inquiry as appropriate regarding his experience.

Bidder has been engaged in the contracting business under his present business name for _____ years.

Bidder's experience in work of a nature similar in type and magnitude to that set forth in the Specification extends over a period of _____ years.

Bidder, as Contractor, has satisfactorily completed all Contracts awarded to him, except as follows:

(Name any/all exceptions and reasons and attach and designate additional pages if necessary.)

Within the last three years, Bidder has satisfactorily completed the following contracts covering work similar in type and magnitude to that set forth in these Specifications for the following owners (name person, firms, or authorities):

<u>Name & Address of Owner/Agency</u>	<u>Representative and Telephone</u>	<u>Type of Work, Year Completed & \$ Amount</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Bidder shall attach and properly designate additional pages, if necessary.)



APPLICATION FOR PUBLIC WORKS CONTRACTOR REGISTRATION

Registration Information

Type: Public Works

Period: 07/01/2022 06/30/2025

Contractor Information

Contractor Name: OCEAN BLUE ENVIRONMENTAL SERVICES, INC.

Trade Name:

License Type Number: 1000002621

Contractor Physical Address

Physical Business Country: United States of America

Physical Business City/ Province: LONG BEACH

Physical Business Address: 925 W. ESTHER ST

Physical Business State: CA

Physical Business Postal Code: 90813

Contractor Mailing Address

Mailing Country: United States of America

Mailing City /Province: LONG BEACH

Mailing Address: 925 W. ESTHER ST

Mailing State: CA

Mailing Postal Code: 90813

Contact Info

Daytime Phone:

Daytime Phone Ext.:

Mobile Phone:

Business Email: wmejia@ocean-blue.com

Applicant's Email: wmejia@ocean-blue.com

<u>MATERIAL</u>	<u>TEST REQUIRED</u>	<u>CALIFORNIA TEST</u>
Permeable Material	Grading	202
	Sand Equivalent	217
	Durability Index	229
Imported Material (Shoulder Backing)	Grading	202
	Sand Equivalent	217
	Durability Index	229
Aggregate Subbase	Grading	202
	Sand Equivalent	217
	Resistance (R-Value)	301
Aggregate Base	Grading	202
	Sand Equivalent	217
	Resistance (R-Value)	301
	Durability Index	229
	Percentage of crushed particles	205
Screenings	Grading	202
	Loss in Los Angeles Rattler	211
	Crushed Particles	205
	Film Striping	302
	Cleanness valve	227
Asphalt Concrete (Except Open Graded)	Grading	202
	Specific Gravity	206
	(coarse & fine aggregate)	208
	Percentage of crushed particles	205
	Loss in Los Angeles Rattler	211
	Sand Equivalent	217
	Film Striping	302
	Kc Factor (CKE)	303
	Kf Factor (CKE)	303
	Stabilometer	366
	Swell	305
	Moisture Vapor Susceptibility	307
Optimum Bitumen Content*	367	
Open Graded AC, Asphalt Treated Permeable Material, Asphalt Treated Permeable Base	Grading	202
	Crushed Particles	205
	Loss in Los Angeles Rattler (500 revolutions)	211
	Durability Index	229
	Firm Striping	310 or 362 or 379

*(Not shown in Construction Manual, use CDE frequency.)

Note: Should any potential source sampling and testing be waived by reason of previous acceptance of material from the source, there will be no reduction in contract prices by reason of such waiver.

FOREIGN MATERIALS – The requirements of the fifth paragraph in Section 6-1-08, “Foreign Materials,” of the Standard Specifications shall not apply.

HAZARDOUS MATERIALS TESTS AND MANIFEST REQUIREMENTS:

Bidder shall deliver all necessary laboratory test results and disposal manifests to City for all hazardous materials, prior to payment in accordance with all State and Federal Law governing the removal and disposal of hazardous waste.

Environmental Protection Agency

§ 116.4

1974, or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976), means: (1) A discharge into any waters beyond the contiguous zone from any vessel or on-shore or offshore facility, which vessel or facility is subject to or is engaged in activities under the Outer Continental Shelf Lands Act or the Deepwater Port Act of 1974, and (2) any discharge into any waters beyond the contiguous zone which contain, cover, or support any natural resource belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976).

Public vessel means a vessel owned or bareboat-chartered and operated by the United States, or a State or political subdivision thereof, or by a foreign nation, except when such vessel is engaged in commerce.

Territorial seas means the belt of the seas measured from the line of ordinary low water along that portion of

the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters, and extending seaward a distance of 3 miles.

Vessel means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water other than a public vessel;

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10266, Feb. 16, 1979; 58 FR 45039, Aug. 25, 1993]

§ 116.4 Designation of hazardous substances.

The elements and compounds appearing in Tables 116.4 A and B are designated as hazardous substances in accordance with section 311(b)(2)(A) of the Act. This designation includes any isomers and hydrates, as well as any solutions and mixtures containing these substances. Synonyms and Chemical Abstract System (CAS) numbers have been added for convenience of the user only. In case of any disparity the common names shall be considered the designated substance.

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES

Common name	CAS No.	Synonyms	Isomers	CAS No.
Acetaldehyde	75070	Ethanal, ethyl aldehyde, acetic aldehyde .....	.....	.....
Acetic acid	64197	Glacial acetic acid, vinegar acid .....	.....	.....
Acetic anhydride	108247	Acetic oxide, acetyl oxide .....	.....	.....
Acetone cyanohydrin	75865	2-methylacetonitrile, alpha-hydroxyisobutyronitrile. ....	.....	.....
Acetyl bromide	506967	.....	.....	.....
Acetyl chloride	79367	.....	.....	.....
Acrolein	107028	2-propenal, acrylic aldehyde, acrylaldehyde, acraldehyde, .....	.....	.....
Acrylonitrile	107131	Cyanoethylene, Fumigrain, Ventox, propeneitrile, vinyl cyanide. ....	.....	.....
Adipic acid	124049	Hexanedioic acid .....	.....	.....
Aldrin	309002	Octalene, HHDN .....	.....	.....
Allyl alcohol	107186	2-propen-1-ol, 1-propenol-3, vinyl carbinol .....	.....	.....
Allyl chloride	107051	3-chloropropene, 3-chloropropylene, Chlorallylene. ....	.....	.....
Aluminum sulfate	10043013	Alum .....	.....	.....
Ammonia	7664417	.....	.....	.....
Ammonium acetate	631618	Acetic acid ammonium, salt .....	.....	.....
Ammonium benzoate	1863634	.....	.....	.....
Ammonium bicarbonate	1066337	Acid ammonium carbonate, ammonium hydrogen carbonate. ....	.....	.....
Ammonium bichromate	7789095	.....	.....	.....
Ammonium bifluoride	1341497	Acid ammonium fluoride, ammonium hydrogen fluoride. ....	.....	.....
Ammonium bisulfite	10192300	.....	.....	.....
Ammonium carbamate	1111780	Ammonium aminofornate .....	.....	.....
Ammonium carbonate	506876	.....	.....	.....
Ammonium chloride	12125029	Ammonium muriate, sal ammoniac, salmiac, Amchlor. ....	.....	.....
Ammonium chromate	7788989	.....	.....	.....
Ammonium citrate dibasic	3012655	Diammonium citrate, citric acid diammonium salt. ....	.....	.....

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Ammonium fluoborate	13826830	Ammonium fluoroborate, ammonium borofluoride.		
Ammonium fluoride	12125018	Neutral ammonium fluoride		
Ammonium hydroxide	1336216			
Ammonium oxalate	6009707			
	5972736			
	14258492			
Ammonium silicofluoride	16919190	Ammonium fluosilicate		
Ammonium sulfamate	7773060	Ammate; AMS, ammonium amidosulfate		
Ammonium sulfide	12135761			
Ammonium sulfite	10196040			
	10192300			
Ammonium tartrate	3164292	Tartaric acid ammonium salt		
	14307438			
Ammonium thiocyanate	1762954	Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide.		
Amyl acetate	628637	Amylacetate ester	iso-	123922
		Pearl oil	sec-	626380
		Banana oil	tert-	625161
Aniline	62533	Aniline oil, phenylamine, aminobenzene, aminophen, kyanol.		
Antimony pentachloride	7647189			
Antimony potassium tartrate	28300745	Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate.		
Antimony tribromide	7789619			
Antimony trichloride	10025919	Butter of antimony		
Antimony trifluoride	7783564	Antimony fluoride		
Antimony trioxide	1309644	Diantimony trioxide, flowers of antimony		
Arsenic disulfide	1303328	Red arsenic sulfide		
Arsenic pentoxide	1303282	Arsenic acid anhydride, arsenic oxide		
Arsenic trichloride	7784341	Arsenic chloride, arsenious chloride, arsenous chloride, butter of arsenic.		
Arsenic trioxide	1327533	Arsenious acid, arsenious oxide, white arsenic		
Arsenic trisulfide	1303339	Arsenious sulfide, yellow arsenic sulfide		
Barium cyanide	542621			
Benzene	71432	Cyclohexatriene, benzol		
Benzoic acid	65850	Benzenecarboxylic acid, phenylformic acid, dracrylic acid.		
Benzonitrile	100470	Phenyl cyanide, cyanobenzene		
Benzoyl chloride	98884	Benzenecarbonyl chloride		
Benzyl chloride	100447			
Beryllium chloride	7787475			
Beryllium fluoride	7787497			
Beryllium nitrate	7787555			
	13597994			
Butyl acetate	123864	Acetic acid butyl ester	iso-	110190
			sec-	105464
			tert-	540885
			iso-	78819
			sec-	513495
			sec-	13952846
			tert-	75649
Butylamine	109739	1-aminobutane		
n-butyl phthalate	84742	1,2-benzenedicarboxylic acid, dibutyl ester, dibutyl phthalate.		
Butyric acid	107926	Butanoic acid, ethylacetic acid	iso-	79312
Cadmium acetate	543908			
Cadmium bromide	7789426			
Cadmium chloride	10108642			
Calcium arsenate	7778441	Tricalcium orthoarsenate		
Calcium arsenite	52740166			
Calcium carbide	75207	Carbide, acetylenogen		
Calcium chromate	13765190	Calcium chrome yellow, geblin, yellow ultramarine.		
Calcium cyanide	592018			
Calcium dodecylbenzenesulfonate	26264062			
Calcium hypochlorite	7778543			
Captan	133062	Orthocide-406, SR-406, Vancide-89		
Carbaryl	63252	Sevin		
Carbofuran	1563662	Furadan		
Carbon disulfide	75150	Carbon bisulfide, dithiocarbonic anhydride		
Carbon tetrachloride	56235	Tetrachloromethane Perchloromethane		
Chlordane	57749	Toxichlor, chlordan		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Chlorine	75003			
Chlorobenzene	108907	Monochlorobenzene, benzene chloride		
Chloroform	67663	Trichloromethane		
Chlorpyrifos	2921882	Dursban		
Chlorosulfonic acid	7790945	Sulfuric chlorohydrin		
Chromic acetate	1066304			
Chromic acid	11115745	Chromic anhydride, chromium trioxide		
Chromic sulfate	10101538			
Chromous chloride	10049055			
Cobaltous bromide	7789437	Cobalt bromide		
Coaltous formate	544183	Cobalt formate		
Cobaltous sulfamate	14017415	Cobalt sulfamate		
Coumaphos	56724	Co-Ral		
Cresol	1319773	Cresylic acid	m-	108394
		Hydroxytoluene	o-	95487
			p-	106445
Crotonaldehyde	4170303	2-butenal propylene aldehyde		
Cupric acetate	142712	Copper acetate, crystalized verdigris		
Cupric acetoarsenite	12002038	Copper acetoarsenite, copper acetate arsenite, Paris green		
Cupric chloride	7447394	Copper chloride		
Cupric nitrate	3251238	Copper nitrate		
Cupric oxalate	5893663	Copper oxalate		
Cupric sulfate	7758987	Copper sulfate		
Cupric sulfate, ammoniated	10380297	Ammoniated copper sulfate		
Cupric tartrate	815827	Copper tartrate		
Cyanogen chloride	506774			
Cyclohexane	110827	Hexahydrobenzene, hexamethylene, hexanaphthene		
2,4-D acid	94757	2,4-dichlorophenoxyacetic acid		
2,4-D ester	94111	2,4-dichlorophenoxyacetic acid ester		
	94791			
	94804			
	1320189			
	1928387			
	1928616			
	1929733			
	2971382			
	25168267			
	53467111			
DDT	50293	p,p'-DDT		
Diazinon	333415	Dipofene, Diazitol, Basudin, Spectracide		
Dicamba	1918009	2-methoxy-3,6-dichlorobenzoic acid		
Dichlobenil	1194656	2,6-dichlorobenzonitrile, 2,6-DBN		
Dichlone	117806	Phygon, dichloronaphthoquinone		
Dichlorobenzene	25321226	Di-chloricide	Ortho	95501
		Paramoth (Para)	Para	106467
Dichloropropane	26638197	Propylene dichloride	1,1	78999
			1,2	78875
			1,3	142289
			1,3	542756
			2,3	78886
Dichloropropene	26952238			
Dichloropropene-dichloropropane (mixture)	8003198	D-D mixture Vidden D		
2,2-Dichloropropionic acid	75990	Dalapon		
Dichlorvos	62737	2,2-dichlorovinyl dimethyl phosphate, Vapona		
Dicofol	115322	Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol		
Dieldrin	60571	Alvit		
Diethylamine	109897			
Dimethylamine	124403			
Dinitrobenzene (mixed)	25154545	Dinitrobenzol	m-	99650
			o-	528290
			p-	100254
			(2,5-)	329715
			(2,4-)	
			(2,6-)	573568
Dinitrophenol	51285	Aldifen	2,4	121142
			2,6	606202
			3,4	610399
Dinitrotoluene	25321146	DNT		
Diquat	85007	Aquacide		
	2764729	Dextrone, Reglone, Diquat dibromide		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Disulfoton	298044	Di-syston		
Diuron	330541	DCMU, DMU		
Dodecylbenzenesulfonic acid	27176870			
Endosulfan	115297	Thiodan		
Endrin	72208	Mendrin, Compound 269		
Epichlorohydrin	106898	-chloropropylene oxide		
Ethion	563122	Nialate, ethyl methylene, phosphorodithioate		
Ethylbenzene	100414	Phenylethane		
Ethylenediamine	107153	1,2-diaminoethane		
Ethylenediamine-tetraacetic acid (EDTA)	60004	Edetic acid, Havidote, (ethylenedinitrilo)-tetraacetic acid.		
Ethylene dibromide	106934	1,2-dibromoethane acetylene dibromide sym-dibromoethylene.		
Ethylene dichloride	107062	1,2-dichloroethane sym-bichloroethane		
Ferric ammonium citrate	1185575	Ammonium ferric citrate		
Ferric ammonium oxalate	2944674	Ammonium ferric oxalate		
	55488874			
Ferric chloride	7705080	Flores martis, iron trichloride		
Ferric fluoride	7783508			
Ferric nitrate	10421484	Iron nitrate		
Ferric sulfate	10028225	Ferric persulfate, ferric sesquisulfate, ferric tersulfate.		
Ferrous ammonium sulfate	10045893	Mohr's salt, iron ammonium sulfate		
Ferrous chloride	7758943	Iron chloride, iron dichloride, iron protochloride		
Ferrous sulfate	7720787	Green vitriol		
	7782630	Iron vitriol, iron sulfate, iron protosulfate		
Formaldehyde	50000	Methyl aldehyde, methanal, formalin		
Formic acid	64186	Methanoic acid		
Fumaric acid	110178	Trans-butenedioic acid, trans-1,2-ethylenedicarboxylic acid, boletic acid, allomaleic acid.		
Furfural	98011	2-furaldehyde, pyromucic aldehyde		
Guthion	86500	Gusathion, azinphos-methyl		
Heptachlor	76448	Velsicol-104, Drinox, Heptagran		
Hexachlorocyclopentadiene	77474	Perchlorocyclopentadiene		
Hydrochloric acid	7647010	Hydrogen chloride, muriatic acid		
Hydrofluoric acid	7664393	Fluohydric acid		
Hydrogen cyanide	74908	Hydrocyanic acid		
Hydrogen sulfide	7783064	Hydrosulfuric acid sulfur hydride		
Isoprene	78795	2-methyl-1,3-butadiene		
Isopropanolamine dodecylbenzenesulfonate.	42504461			
Kepone	143500	Chlordecone 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-1,3,4-metheno-2H-cyclobuta(cd)pentalen-2-one.		
Lead acetate	301042	Sugar of lead		
Lead arsenate	7784409			
	7645252			
	10102484			
Lead chloride	7758954			
Lead fluoborate	13814965	Lead fluoroborate		
Lead fluoride	7783462	Lead difluoride, plumbous fluoride		
Lead iodide	10101630			
Lead nitrate	10099748			
Lead stearate	7428480	Stearic acid lead salt		
	1072351			
	52652592			
Lead sulfate	7446142			
Lead sulfide	1314870	Galena		
Lead thiocyanate	592870	Lead sulfocyanate		
Lindane	58899	Gamma-BHC, gamma-benzene hexachloride		
Lithium chromate	14307358			
Malathion	121755	Phosphothion		
Maleic acid	110167	Cis-butenedioic acid, cis-1,2-ethylenedicarboxylic acid, toxilic acid.		
Maleic anhydride	108316	2,5-furandione, cis-butenedioic anhydride, toxilic anhydride.		
Mercaptodimethur	203657	Mesuroi		
Mercuric cyanide	592041	Mercury cyanide		
Mercuric nitrate	10045940	Mercury nitrate, mercury pernitrate		
Mercuric sulfate	7783359	Mercury sulfate, mercury persulfate		
Mercuric thiocyanate	592858	Mercury thiocyanate, mercuric sulfocyanate, mercuric sulfocyanide.		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Mercurous nitrate	7782867			
	10415755	Mercury protonitrate		
Methoxychlor	72435	DMDT, methoxy-DDT		
Methyl mercaptan	74931	Methanethiol, mercaptomethane, methyl sulfhydrate, thiomethyl alcohol.		
Methyl methacrylate	80626	Methacrylic acid methyl ester, methyl-2-methyl-2-propenoate.		
Methyl parathion	298000	Nitrox-80		
Mevinphos	7786347	Phosdrin		
Mexacarbate	315184	Zectran		
Monoethylamine	75047	Ethylamine, aminoethane		
Monomethylamine	74895	Methylamine, aminomethane		
Naled	300765	Dibrom		
Naphthalene	91203	White tar, tar camphor, naphthalin		
Naphthenic acid	1338245	Cyclohexanecarboxylic acid, hexahydrobenzoic acid.		
Nickel ammonium sulfate	15699180	Ammonium nickel sulfate		
Nickel chloride	37211055	Nickelous chloride		
	7718549			
Nickel hydroxide	12054487	Nickelous hydroxide		
Nickel nitrate	14216752			
Nickel sulfate	7786814	Nickelous sulfate		
Nitric acid	7697372	Aqua fortis		
Nitrobenzene	98953	Nitrobenzol, oil of mirbane		
Nitrogen dioxide	10102440	Nitrogen tetraoxide		
Nitrophenol (mixed)	25154556	Mononitrophenol	m- 554847 o- 88755 p- 100027 Ortho 88722 Meta 99081 Para 99990	
Nitrotoluene	1321126			
Paraformaldehyde	30525894	Paraform, Formagene, Triformol, polymerized formaldehyde, polyoxymethylene.		
Parathion	56382	DNTP, Niran		
Pentachlorophenol	87865	PCP, Penta		
Phenol	108952	Carbolic acid, phenyl hydroxide, hydroxybenzene, oxybenzene.		
Phosgene	75445	Diphosgene, carbonyl chloride, chloroformyl chloride.		
Phosphoric acid	7664382	Orthophosphoric acid		
Phosphorus	7723140	Black phosphorus, red phosphorus, white phosphorus, yellow phosphorus.		
Phosphorus oxychloride	10025873	Phosphoryl chloride, phosphorus chloride		
Phosphorus pentasulfide	1314803	Phosphoric sulfide, thiophosphoric anhydride, phosphorus persulfide.		
Phosphorus trichloride	7719122	Phosphorous chloride		
Polychlorinated biphenyls	1336363	PCB, Aroclor, polychlorinated diphenyls		
Potassium arsenate	7784410			
Potassium arsenite	10124502	Potassium metaarsenite		
Potassium bichromate	7778509	Potassium dichromate		
Potassium chromate	7789006			
Potassium cyanide	151508			
Potassium hydroxide	1310583	Potassium hydrate, caustic potash, potassa		
Potassium permanganate	7722647	Chameleon mineral		
Propargite	2312358	Omite		
Propionic acid	79094	Propanoic acid, methylacetic acid, ethylformic acid.		
Propionic anhydride	123626	Propanoic anhydride, methylacetic anhydride		
Propylene oxide	75569	Propene oxide		
Pyrethrins	121299	Pyrethrin I		
	121211	Pyrethrin II		
Quinoline	91225	1-benzazine, benzo(b)pyridine, leucocoline, chinoleine, leucol.		
Resorcinol	108463	Resorcin, 1,3-benzenediol, meta-dihydroxybenzene.		
Selenium oxide	7446084	Selenium dioxide		
Silver nitrate	7761888	Nitric acid silver (1+) salt lunar caustic		
Sodium	7440235	Sodium		
Sodium arsenate	7631892	Disodium arsenate		
Sodium arsenite	7784465	Sodium metaarsenite		
Sodium bichromate	10588019	Sodium dichromate		
Sodium bifluoride	1333831			

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Sodium bisulfite	7631905	Sodium acid sulfite, sodium hydrogen sulfite		
Sodium chromate	7775113			
Sodium cyanide	143339			
Sodium dodecylbenzene-sulfonate	25155300			
Sodium fluoride	7681494	Villiumite		
Sodium hydrosulfide	16721805	Sodium hydrogen sulfide		
Sodium hydroxide	1310732	Caustic soda, soda lye, sodium hydrate		
Sodium hypochlorite	7681529	Bleach		
	10022705			
Sodium methylate	124414	Sodium methoxide		
Sodium nitrite	7632000			
Sodium phosphate, dibasic	7558794			
	10039324			
	10140655			
Sodium phosphate, tribasic	7785844			
	7601549			
	10101890			
	10361894			
	7758294			
	10124568			
Sodium selenite	10102188			
	7782823			
Strontium chromate	7789062			
Strychnine	57249			
Styrene	100425	Vinylbenzene, phenylethylene, styrol, styrolene, cinnamene, cinnamol.		
Sulfuric acid	7664939	Oil of vitriol, oleum		
Sulfur monochloride	12771083	Sulfur chloride		
2,4,5-T acid	93765	2,4,5-trichlorophenoxyacetic acid		
2,4,5-T amines	6369966	Acetic acid (2,4,5-trichlorophenoxy)-compound with N,N-dimethylmethanamine (1:1).		
	6369977	Acetic acid (2,4,5-trichlorophenoxy)-compound with N-methylmethanamine (1:1).		
	1319728	Acetic acid (2,4,5-trichlorophenoxy)-compound with 1-amino-2-propanol (1:1).		
	3813147	Acetic acid (2,4,5-trichlorophenoxy)-compound with 2,2'2"-nitrilotris [ethanol] (1:1).		
2,4,5-T esters	2545597	2,4,5-trichlorophenoxyacetic esters		
	93798			
	61792072			
	1928478			
	25168154			
2,4,5-T salts	13560991	Acetic acid (2,4,5-trichlorophenoxy)-sodium salt.		
TDE	72548	DDD		
2,4,5-TP acid	93721	Propanoic acid 2-(2,4,5-trichlorophenoxy)		
2,4,5-TP esters	32534955	Propanoic acid, 2-(2,4,5-trichlorophenoxy)-, isooctyl ester.		
Tetraethyl lead	78002	Lead tetraethyl, TEL		
Tetraethyl pyrophosphate	107493	TEPP		
Thallium sulfate	10031591			
	7446186			
Toluene	108883	Toluol, methylbenzene, phenylmethane, Methacide.		
Toxaphene	8001352	Camphechlor		
Trichlorfon	52686	Dipterex		
Trichlorethylene	79016	Ethylene trichloride		
Trichlorophenol	25167822	Collunosol, Dowicide 2 or 2S, Omal, Phenachlor.	(2,3,4-) 15950660 (2,3,5-) 933788 (2,3,6-) 933755 (2,4,5-) 95954 (2,4,6-) 88062 (3,4,5-) 609198	
Triethanolamine dodecylbenzenesulfonate.	27323417			
Triethylamine	121448			
Trimethylamine	75503	TMA		
Uranyl acetate	541093			
Uranyl nitrate	10102064			
	36478769			
Vanadium pentoxide	1314621	Vanadic anhydride, vanadic acid anhydride		

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Common name	CAS No.	Synonyms	Isomers	CAS No.
Vanadyl sulfate	27774136	Vanadic sulfate, vanadium sulfate		
Vinyl acetate	108054	Acetic acid ethylene ether		
Vinylidene chloride	75354	1,1-dichloroethylene		
		1,1-dichloroethene		
Xylene (mixed)	1330207	Dimethylbenzene	m-	108383
		Xylol	o-	95476
			p-	106423
Xylenol	1300716	Dimethylphenol, hydroxydimethylbenzene		
Zinc acetate	557346			
Zinc ammonium chloride	14639975			
	14639986			
	52628258			
Zinc borate	1332076			
Zinc bromide	7699458			
Zinc carbonate	3486359			
Zinc chloride	7646857	Butter of zinc		
Zinc cyanide	557211			
Zinc fluoride	7783495			
Zinc formate	557415			
Zinc hydrosulfite	7779864			
Zinc nitrate	7779886			
Zinc phenolsulfonate	127822	Zinc sulfocarbolate		
Zinc phosphide	1314847			
Zinc silicofluoride	16871719	Zinc fluosilicate		
Zinc sulfate	7733020	White vitriol, zinc vitriol, white copperas		
Zirconium nitrate	13746899			
Zirconium potassium fluoride	16923958			
Zirconium sulfate	14644612	Disulfatezirconic acid		
Zirconium tetrachloride	10026116			

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER

CAS No.	Common name
50000	Formaldehyde
50293	DDT
51285	2,4-Dinitrophenol
52686	Trichlorfon
56382	Parathion
56724	Coumaphos
57249	Strychnine
57749	Chlordane
58899	Lindane
60004	Ethylenediaminetetraacetic acid (EDTA)
60571	Dieldrin
62533	Aniline
62737	Dichlorvos
63252	Carbaryl
64186	Formic acid
64197	Acetic acid
65850	Benzoic acid
67663	Chloroform
71432	Benzene
72208	Endrin
72435	Methoxychlor
72548	TDE
74895	Monomethylamine
74908	Hydrogen cyanide
74931	Methyl mercaptan
75047	Monoethylamine
75070	Acetaldehyde
75150	Carbon disulfide
75207	Calcium carbide
75445	Phosgene
75503	Trimethylamine
75649	tert-Butylamine
75865	Acetone cyanohydrin
75990	2,2-Dichloropropionic acid
76448	Heptachlor

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
78002	Tetraethyl lead
78795	Isoprene
78819	iso-Butylamine
79094	Propionic acid
79312	iso-Butyric acid
79367	Acetyl chloride
80626	Methyl methacrylate
85007	Diquat
86500	Guthion
87865	Pentachlorophenol
88755	o-Nitrophenol
91203	Naphthalene
91225	Quinoline
93765	2,4,5-T acid
93798	2,4,5-T ester
94111	2,4-D ester
94757	2,4-D acid
94791	2,4-D ester
94804	2,4-D Butyl ester
95476	o-Xylene
95487	o-Cresol
98011	Furfural
98884	Benzoyl chloride
98953	Nitrobenzene
99650	m-Dinitrobenzene
100027	p-Nitrophenol
100254	p-Dinitrobenzene
100414	Ethylbenzene
100425	Styrene
100447	Benzyl chloride
100470	Benzonitrile
105464	sec-Butyl acetate
106423	p-Xylene
106445	p-Cresol
107028	Acrolein
107051	Allyl chloride

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
107131	Acrylonitrile
107153	Ethylenediamine
107186	Allyl alcohol
107493	Tetraethyl pyrophosphate
107926	n-Butyric acid
108054	Vinyl acetate
108247	Acetic anhydride
108316	Maleic anhydride
108383	m-Xylene
108394	m-Cresol
108463	Resorcinol
108883	Toluene
108907	Chlorobenzene
108952	Phenol
109739	n-Butylamine
109897	Diethylamine
110167	Maleic acid
110178	Fumaric acid
110190	iso-Butyl acetate
110827	Cyclohexane
115297	Endosulfan
115322	Dicofol
117806	Dichloro
121211	Pyrethrin
121299	Pyrethrin
121448	Triethylamine
121755	Malathion
123626	Propionic anhydride
123864	n-Butyl acetate
123922	iso-Amyl acetate
124403	Dimethylamine
124414	Sodium methylate
127822	Zinc phenolsulfonate
133062	Captan
142712	Cupric acetate
143339	Sodium cyanide
151508	Potassium cyanide
298000	Methyl parathion
298044	Disulfoton
300765	Naled
301042	Lead acetate
309002	Aldrin
315184	Mexacarbate
329715	2,5-Dinitrophenol
330541	Diuron
333415	Diazinon
506774	Cyanogen chloride
506876	Ammonium carbonate
506967	Acetyl bromide
513495	sec-Butylamine
528290	o-Dinitrobenzene
540885	tert-Butyl acetate
541093	Uranyl acetate
542621	Barium cyanide
543908	Cadmium acetate
544183	Cobaltous formate
554847	m-Nitrophenol
557211	Zinc cyanide
557346	Zinc acetate
557415	Zinc formate
563122	Ethion
573568	2,6-Dinitrophenol
592018	Calcium cyanide
592041	Mercuric cyanide
592858	Mercuric thiocyanate
592870	Lead thiocyanate
625161	tert-Amyl acetate
626380	sec-Amyl acetate
628637	n-Amyl acetate
631618	Ammonium acetate
815827	Cupric tartrate

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
1066304	Chromic acetate
1066337	Ammonium bicarbonate
1072351	Lead stearate
1111780	Ammonium carbamate
1185575	Ferric ammonium citrate
1194656	Dichlobenil
1300716	Xylenol
1303282	Arsenic pentoxide
1303328	Arsenic disulfide
1303339	Arsenic trisulfide
1309644	Antimony trioxide
1310583	Potassium hydroxide
1310732	Sodium hydroxide
1314621	Vanadium pentoxide
1314803	Phosphorus pentasulfide
1314847	Zinc phosphide
1314870	Lead sulfide
1319773	Cresol (mixed)
1320189	2,4-D ester
1327533	Arsenic trioxide
1330207	Xylene
1332076	Zinc borate
1333831	Sodium bifluoride
1336216	Ammonium hydroxide
1336363	Polychlorinated biphenyls
1338245	Naphthenic acid
1341497	Ammonium bifluoride
1762954	Ammonium thiocyanate
1863634	Ammonium benzoate
1918009	Dicamba
1928387	2,4-D esters
1928478	2,4,5-T ester
1928616	2,4-D ester
1929733	2,4-D ester
2545597	2,4,5-T ester
2764729	Diquat
2921882	Chlorpyrifos
2944674	Ferric ammonium oxalate
2971382	2,4-D ester
3012655	Ammonium citrate, dibasic
3164292	Ammonium tartrate
3251238	Cupric nitrate
3486359	Zinc carbonate
5893663	Cupric oxalate
5972736	Ammonium oxalate
6009707	Ammonium oxalate
6369966	2,4,5-T ester
7428480	Lead stearate
7440235	Sodium
7446084	Selenium oxide
7446142	Lead sulfate
7447394	Cupric chloride
7558794	Sodium phosphate, dibasic
7601549	Sodium phosphate, tribasic
7631892	Sodium arsenate
7631905	Sodium bisulfite
7632000	Sodium nitrite
7645252	Lead arsenate
7646857	Zinc chloride
7647010	Hydrochloric acid
7647189	Antimony pentachloride
7664382	Phosphoric acid
7664393	Hydrofluoric acid
7664417	Ammonia
7664939	Sulfuric acid
7681494	Sodium fluoride
7681529	Sodium hypochlorite
7697372	Nitric acid
7699458	Zinc bromide
7705080	Ferric chloride
7718549	Nickel chloride

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
7719122	Phosphorus trichloride
7720787	Ferrous sulfate
7722647	Potassium permanganate
7723140	Phosphorus
7733020	Zinc sulfate
7758294	Sodium phosphate, tribasic
7758943	Ferrous chloride
7758954	Lead chloride
7758987	Cupric sulfate
7773060	Ammonium sulfamate
7775113	Sodium chromate
7778441	Calcium arsenate
7778509	Potassium bichromate
7778543	Calcium hypochlorite
7779864	Zinc hydrosulfite
7779886	Zinc nitrate
7782505	Chlorine
7782630	Ferrous sulfate
7782823	Sodium selenite
7782867	Mercurous nitrate
7783359	Mercuric sulfate
7783462	Lead fluoride
7783495	Zinc fluoride
7783508	Ferric fluoride
7783564	Antimony trifluoride
7784341	Arsenic trichloride
7784409	Lead arsenate
7784410	Potassium arsenate
7784465	Sodium arsenite
7785844	Sodium phosphate, tribasic
7786347	Mevinphos
7786814	Nickel sulfate
7787475	Beryllium chloride
7787497	Beryllium fluoride
7787555	Beryllium nitrate
7788989	Ammonium chromate
7789006	Potassium chromate
7789062	Strontium chromate
7789095	Ammonium bichromate
7789426	Cadmium bromide
7789437	Cobaltous bromide
7789619	Antimony tribromide
7790945	Chlorosulfonic acid
8001352	Toxaphene
10022705	Sodium hypochlorite
10025873	Phosphorus oxychloride
10025919	Antimony trichloride
10026116	Zirconium tetrachloride
10028225	Ferric sulfate
10028247	Sodium phosphate, dibasic
10039324	Sodium phosphate, dibasic
10043013	Aluminum sulfate
10045893	Ferrous ammonium sulfate
10045940	Mercuric nitrate
10049055	Chromous chloride
10099748	Lead nitrate
10101538	Chromic sulfate
10101630	Lead iodide
10101890	Sodium phosphate, tribasic
10102064	Uranyl nitrate
10102188	Sodium selenite
10102440	Nitrogen dioxide
10102484	Lead arsenate
10108642	Cadmium chloride
10124502	Potassium arsenite
10124568	Sodium phosphate, tribasic
10140655	Sodium phosphate, dibasic
10192300	Ammonium bisulfite
10196040	Ammonium sulfite
10361894	Sodium phosphate, tribasic
10380297	Cupric sulfate, ammoniated

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
10415755	Mercurous nitrate
10421484	Ferric nitrate
10588019	Sodium bichromate
11115745	Chromic acid
12002038	Cupric acetoarsenite
12054487	Nickel hydroxide
12125018	Ammonium fluoride
12125029	Ammonium chloride
12135761	Ammonium sulfide
12771083	Sulfur chloride
13597994	Beryllium nitrate
13746899	Zirconium nitrate
13765190	Calcium chromate
13814965	Lead fluoborate
13826830	Ammonium fluoborate
13952846	sec-Butylamine
14017415	Cobaltous sulfamate
14216752	Nickel nitrate
14258492	Ammonium oxalate
14307358	Lithium chromate
14307438	Ammonium tartrate
14639975	Zinc ammonium chloride
14639986	Zinc ammonium chloride
14644612	Zirconium sulfate
15699180	Nickel ammonium sulfate
16721805	Sodium hydrosulfide
16871719	Zinc silicofluoride
16919190	Ammonium silicofluoride
16923958	Zirconium potassium fluoride
25154545	Dinitrobenzene
25154556	Nitrophenol
25155300	Sodium dodecylbenzenesulfonate
25167822	Trichlorophenol
25168154	2,4,5-T ester
25168267	2,4-D ester
26264062	Calcium dodecylbenzenesulfonate
27176870	Dodecylbenzenesulfonic acid
27323417	Triethanolamine dodecylbenzenesulfonate
27774136	Vanadyl sulfate
28300745	Antimony potassium tartrate
30525894	Paraformaldehyde
36478769	Uranyl nitrate
37211055	Nickel chloride
42504461	Dodecylbenzenesulfonate isopropanolamine
52628258	Zinc ammonium chloride
52740166	Calcium arsenite
53467111	2,4-D ester
55488874	Ferric ammonium oxalate
61792072	2,4,5-T ester

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10268, Feb. 16, 1979; 44 FR 65400, Nov. 13, 1979; 44 FR 66602, Nov. 20, 1979; 54 FR 33482, Aug. 14, 1989]

PART 117—DETERMINATION OF REPORTABLE QUANTITIES FOR HAZARDOUS SUBSTANCES

Subpart A—General Provisions

- Sec.
- 117.1 Definitions.
- 117.2 Abbreviations.

1213338



Farmers & Merchants Bank

Main Office
302 Pine Avenue
Long Beach, CA 90802
(562) 437-0011

REMITTER:

DATE 8/02/23

PAY TO THE ORDER OF

THE CITY OF PERRIS

EXACTLY **230,000 AND 00/100 DOLLARS

\$ 230,000.00

CASHIER'S CHECK

THE PURCHASE OF AN INDEMNITY BOND MAY BE REQUIRED BEFORE ANY CASHIER'S CHECK OF THIS BANK WILL BE REPLACED OR REFUNDED IN THE EVENT IT IS LOST, MISPLACED, OR STOLEN.

AUTHORIZED SIGNATURE

COMMENT

BIDDER'S CHECK

⑈0001213338⑈ ⑆122201198⑆ 01700022⑈



Farmers & Merchants Bank

Main Office
302 Pine Avenue
Long Beach, CA 90802

1213338

For Cashier's Checks Only:

THE PURCHASER/REMITTER DOES NOT HAVE THE RIGHT TO PLACE A STOP PAYMENT ON THIS CHECK.

The Bank is bound to honor this check if presented for payment within 90 days of issuance even if the transaction is rescinded.

REMITTER:

OCEAN BLUE ENVIRONMENTAL SERVICES INC 8/02/23
925 W ESTHER ST

THE CITY OF PERRIS

EXACTLY **230,000 AND 00/100 DOLLARS

\$ 230,000.00

CUSTOMER - FILE COPY

CASHIER'S CHECK

AUTHORIZED SIGNATURE

COMMENT

BIDDER'S CHECK

NOT NEGOTIABLE



**PREFERRED RATES FOR CITY OF PERRIS
EFFECTIVE AUGUST 1, 2023**

DEFINITIONS

Straight Time: Monday through Friday, from 7:00 AM to 4:00 PM

Overtime: Monday through Friday, before 7:00 AM and after 4:00 PM,
and all day on Saturdays

Premium Time: Sundays, Following Holidays

HOLIDAYS OBSERVED

New Year's Day

Martin Luther King, Jr.'s Birthday

Veterans Day

Fourth of July

Day after Thanksgiving

Christmas Day

Labor Day

Presidents Day

Memorial Day

Thanksgiving Day

Columbus Day

MINIMUM CHARGES

Four (4) hour minimum charges will apply to all call outs. Portal to Portal rates apply. Time charges include personnel, equipment and materials for preparation, mobilization, travel to and from site, demobilization, decontamination, transportation and unloading.

DISPOSAL AND OUTSIDE COSTS

All disposal, services, non-heavy equipment rentals, and materials not on the rate sheet will be billed at cost plus a twenty percent (20%) handling charge. Heavy equipment rental will be billed at cost plus twenty five percent handling charge due to high liability cost.

PREVAILING WAGE

An additional \$40 per hour will be added to personnel and equipment with operator rate.

PAYMENT TERMS

All terms are net-thirty (30) days upon receipt of invoice, unless previous arrangements have been made. All emergency response work for non-established customers is C.O.D.



AUGUST 1, 2023 CITY OF PERRIS RATES

1. HAZARDOUS WASTE-TRAINED PERSONNEL

HOURLY RATE

<u>CLASSIFICATION</u>	<u>STRAIGHT TIME</u>	<u>OVER-TIME</u>	<u>PREMIUM TIME</u>
PROJECT MANAGER	157.80	206.90	206.90
SUPERVISOR	121.60	145.00	166.00
CHEMIST / INDUSTRIAL HYGIENIST	242.00	277.00	277.00
LEAD TECHNICIAN	84.20	122.70	160.20
EQUIPMENT OPERATOR	80.70	121.60	155.50
TECHNICIAN	76.10	107.50	140.30
ILWU (INT. LONGSHORE & WHSE UNION) TECH	106.40	159.00	213.90

ALL PERSONNEL HAVE AT A MINIMUM, 40-HR HAZ-WOPER TRAINING AS SPECIFIED BY 29 CFR 1910.120

2. CERTIFIED HAZARDOUS WASTE TRANSPORTATION VEHICLES

HOURLY RATE

UTILITY TRUCK 4X4 W/TRAFFIC CONTROL LIGHTS & LIFTGATE	66.70
GEAR TRUCK W/ LIFTGATE	66.70
EMERGENCY RESPONSE UNIT - LARGE	309.80
EMERGENCY RESPONSE UNIT - SMALL	215.20
VACUUM TRAILER - 20 BBL	72.50
VACUUM TRUCK - 70 BBL W/ ROPER PUMP*	177.70
VACUUM TRUCK - 120 BBL*	203.40
VACUUM TRUCK - 120 BBL STAINLESS STEEL*	230.40
AIR EXCAVATOR*	177.70
OMNI VAC - 85 BBL*	329.80
JETTER / VACTOR COMBO UNIT*	329.80
ROLL-OFF TRUCK*	177.70
ROLL-OFF TRUCK AND TRAILER*	203.40
TRASH COMPACTOR*	247.80
25' BOX VAN*	125.10
45' BOX VAN*	177.70
45' FLAT BED*	177.70
25' EQUIPMENT TRAILER	46.80

*** DENOTES EQUIPMENT INCLUDING OPERATOR. THESE WILL BE CHARGED AN ADDITIONAL \$29.00 PER HOUR FOR OVERTIME AND \$39.00 PER HOUR FOR PREMIUM TIME.

3. RESPIRATORY / CONFINED SPACE ENTRY EQUIPMENT

SELF-CONTAINED BREATHING APPARATUS (30 MIN.)	181.20	DAILY
6-PACK BREATHING AIR BOTTLES	363.60	DAILY
5-MINUTE EGRESS AIR BOTTLE	51.50	DAILY
TRIPOD W/DOUBLE WINCHES	325.00	DAILY
FULL BODY HARNESS W/ SHOCK ABSORBER	46.80	DAILY
SAFETY LINE	64.20	DAILY
COPPUS BLOWER	263.10	DAILY
4-GAS AIR MONITOR	398.80	DAILY
PID METER	551.80	DAILY
MERCURY VAPOR ANALYZER	691.00	DAILY



AUGUST 1, 2023 CITY OF PERRIS RATES

OVA MONITOR	482.90	DAILY
PERSONAL 4 GAS METER	329.80	DAILY
ELECTRIC BLOWER	192.60	DAILY
 <u>4. TRAFFIC CONTROL</u>		
ARROW BOARD	295.90	DAILY
PORTABLE DECON STATION W/ARROWBOARD	395.30	DAILY
BARRICADES W/ REFLECTORS, EACH	43.30	DAILY
DELINEATOR/REFLECTIVE, EACH	2.40	DAILY
NO TURN RIGHT OR LEFT SIGNS, EACH	21.10	DAILY
TRAFFIC CONE/REFLECTIVE, EACH	3.50	DAILY
TRAFFIC CONTROL SIGNS 48"X48"/REFLECTIVE	49.10	DAILY
 <u>5. CLEANING EQUIPMENT</u>		
AIR COMPRESSOR	56.10	HOURLY
CHEMICAL DIAPHRAGM PUMP	415.10	DAILY
DECONTAMINATION STATION	282.90	DAILY
DIAPHRAGM PUMP	297.00	DAILY
SUCTION/DISCHARGE HOSE (PER FOOT)	1.20	DAILY
LAYFLAT HOSE (PER FOOT)	1.20	DAILY
HYDROBLASTER	104.00	HOURLY
INTRINSICALLY SAFE PUMP FOR FUEL TANKS	145.00	DAILY
PRESSURE WASHER - 1,000 PSI 22 GPM	93.50	HOURLY
PRESSURE WASHER - 3,500 PSI 6 GPM	80.70	HOURLY
ENGINE DRIVEN PUMPS	681.10	DAILY
PORTABLE TRASH PUMP	277.00	DAILY
SUBMERSIBLE PUMP	245.60	DAILY
AIR SCRUBBERS PORTABLE	230.40	DAILY
HEPA FILTERS FOR SCRUBBERS	171.90	EACH
55 GALLON CARBON SCRUBBER FOR VAC TRUCKS	263.10	DAILY
3 STALL DECONTAMINATION SHOWER	395.30	DAILY
 <u>6. PORTABLE STORAGE UNITS</u>		
20-YARD BIN, OPEN TOP	33.90	DAILY
20-YARD BIN, CLOSED TOP	40.90	DAILY
40-YARD BIN, OPEN TOP	33.90	DAILY
40-YARD BIN, CLOSED TOP	43.30	DAILY
4" TANK MANIFOLD	25.70	DAILY
BIN LINERS	107.00	EACH
 <u>7. OIL SPILL EQUIPMENT</u>		
20' DRUM & SUPPLY TRAILER W/ 4' SIDES & 12,000 GVW	277.00	DAILY
BOOM TRAILER (STANDBY) W/ 1500' OF 8"x12" BOOM	206.90	DAILY
BOOM 8"x12" (DEPLOYED)	2.40	PER FT/DAY
BOOM 4"x12" (DEPLOYED)	1.20	PER FT/DAY
22' TOW/SPILL CONTROL BOAT W/ 200 HP MOTOR	177.70	HOURLY
22' x 8' SELF POWERED BARGE	119.20	HOURLY
19' TOOL SPILL BOAT W/90HP	119.20	HOURLY



AUGUST 1, 2023 CITY OF PERRIS RATES

17' TOW/SPILL CONTROL BOAT W/ 40 HP MOTOR	99.40	HOURLY
14' TOW/SPILL CONTROL BOAT W/ 25 HP MOTOR	78.30	HOURLY
12' PUNTS	46.80	HOURLY
12' PUNTS W/ 5HP MOTOR	58.40	HOURLY
SPLASH ZONE 2-PART SEALER	217.40	PER GALLON
25 LBS ANCHORS W/ 15' CHAIN	19.80	DAILY
15 LBS ANCHORS W/ 10' CHAIN	14.00	DAILY
24" BOEYS	19.80	DAILY
EMERGENCY RESPONSE TRAILER	622.00	DAILY
ROPE MOP SKIMMER	206.90	HOURLY
DRUM SKIMMER TDS-136 W/ POWER PACK	277.00	HOURLY
SKIM-PAK SERIES 4000 W/ CONTROL SYSTEM	84.20	HOURLY
SKIMMER TRAILER	277.00	DAILY
ABSORBENT BOOM TRAILER	206.90	DAILY
ATV (ALL TERRAIN VEHICLE) W/TRAILER	361.20	DAILY
FORKLIFT TRAILER	131.00	DAILY

8. MATERIALS

10 GALLON DOT DRUM, STEEL	66.70	EACH
15 GALLON DOT DRUM, POLY	66.70	EACH
16 GALLON DOT DRUM, STEEL	66.70	EACH
20 GALLON DOT DRUM, STEEL	70.20	EACH
30 GALLON DOT DRUM, POLY	70.20	EACH
30 GALLON DOT DRUM, STEEL	70.20	EACH
5 GALLON DOT DRUM	24.60	EACH
55 GALLON DOT DRUM, POLY	81.90	EACH
55 GALLON DOT DRUM, STEEL	80.70	EACH
55 GALLON DOT DRUM, BIO	52.50	EACH
85 GALLON DRUM, OVERPAK, STEEL	295.90	EACH
95 GALLON DRUM, OVERPAK, POLY	295.90	EACH
ACID SPILFYTER NEUTRALIZER PER GALLON	102.90	EACH
BASE SPILFYTER NEUTRALIZER PER GALLON	102.90	EACH
BIO-SOLVE (HYDROCARBON ENCAPSULANT)	49.10	PER GALLON
BLEACH	5.90	PER GALLON
CHEMICAL POLY TOTES	426.70	EACH
CHLOR-D-TECT Q4000	24.60	EACH
CITRI-CLEAN, 55 GALLON	1,105.00	PER DRUM
DIESEL FUEL (EQUIPMENT)	7.10	PER GALLON
DRUM LINER	3.50	EACH
DUCT TAPE	8.10	PER ROLL
FACE SHIELD	17.50	EACH
HAND AUGER	115.80	DAILY
HEPA VACUUM FILTER PROTECTORS	26.90	EACH
HEPA VACUUM REPLACEMENT BAGS	26.90	EACH
OIL SORBENT POM POMS	76.10	PER BALE
PLASTIC BAGS	99.40	PER BOX
PLASTIC SHEETING	99.40	PER ROLL
RAGS, 50 LB BOX	90.10	PER BOX



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ROPE 1/2 POLY, 100' ROLL	43.30	PER ROLL
ROPE 5/8 POLY, 100' SPOOL	49.10	PER ROLL
SAMPLE JARS - 1QT	17.50	EACH
SAND BAGS	4.60	EACH
SHRINK WRAP	40.90	ROLL
SIMPLE GREEN	17.50	PER GALLON
SODA ASH	8.10	PER GALLON
SORBENT BOOM W/ JELLING MATERIAL	551.80	PER BALE
SORBENT BOOM, 8"x10"	72.50	EACH
SORBENT PADS 18"x18"x1/4" (200/BALE)	119.20	PER BALE
SUPERFINE, 25 LB BAG	24.60	PER BAG
TRIWALL BOXES	206.90	EACH
VACTOR FLEX HOSE 4"	2.40	PER FOOT
VACTOR FLEX HOSE 6"	3.50	PER FOOT
4' LIGHT TUBE CARDBOARD DRUM	109.80	EACH
8' LIGHT TUBE CARDBOARD DRUM	85.40	EACH

9. TOOLS AND OTHER EQUIPMENT

CHEST WADERS	81.90	DAILY
COM-A-LONG - 4000 LBS	8.10	DAILY
CHAIN SAW	171.20	DAILY
CHIPPING GUNS	160.50	DAILY
CHIPPING BITS	42.80	EACH
CUTTING TORCH	199.90	DAILY
CUT OFF WHEELS	22.50	EACH
DRILL	72.80	DAILY
DRUM SAMPLING ROD (GLASS)	9.40	EACH
DRUM VACUUM - 55 GALLON	159.00	DAILY
EXTENSION LADDER	42.80	DAILY
MANHOLE LADDER	101.70	DAILY
CHAINS / STRAPS	16.10	DAILY
FORK LIFT	292.30	DAILY
GENERATOR, 10KV TRAILER MOUNTED	46.80	HOURLY
GENERATOR, 5500 WATTS	214.00	DAILY
HAND TOOLS	70.20	DAILY
HAND WASHING STATION	66.70	DAILY
HAZ-CAT KIT	26.90	PER TEST
HEAD LAMPS	16.10	DAILY
HEAVY DUTY JETTER NOZZLES	313.30	DAILY
HEPA VACUUM (DRY)	206.90	DAILY
HIP WADERS	70.20	DAILY
HOLE SAW	16.10	DAILY
HUDSON SPRAYER	26.90	DAILY
LIFE JACKETS	21.10	DAILY
LIGHT STAND (2 BULBS)	49.10	DAILY
LIGHT TOWER (4 BULBS)	395.30	DAILY
MEALS ON SPILLS	11.60	EACH



AUGUST 1, 2023 CITY OF PERRIS RATES

MERCURY VACUUM	691.00	DAILY
MOTO MIX	42.80	GALLON
NON-SPARKING COLD CUTTER / RIVET BUSTER	131.00	DAILY
NON-SPARKING COLD CUTTER TIPS	40.90	EACH
PER DIEM ALLOWANCE ON TRAVEL	217.40	DAILY
PLUG & DIKE, 1 LB CAN	33.90	EACH
POLY SIPHON (POGO) PUMP	25.70	EACH
PORTABLE RESTROOM W/SINK	206.90	DAILY
PROFILING FEE (PER WASTE STREAM)	104.00	EACH
RADIO 2-WAY, INTRINSICALLY SAFE	55.00	DAILY
ROTARY HAMMER	149.80	DAILY
ROTARY BITS	69.60	EACH
SAWZALL	109.90	DAILY
STIHL CUT OFF SAW	214.00	DAILY
4" TANK HOOK	101.70	DAILY
TYGUARD PATCH TOOLKIT	80.30	DAILY
TYGUARD PATCH (250')	963.00	PER ROLL
TYGUARD (500')	1,284.00	PER ROLL
TRANSFER HOSES, 1 - 4"	58.40	DAILY
TRUCK RAMPS (30,000 LBS)	395.30	DAILY
VAPOR TIGHT DROP LIGHTS	206.90	DAILY
VENTILATION FAN	159.00	DAILY
WATER METER	346.00	DAILY
WATER TANK TRAILER W/ PUMP	467.70	DAILY
DRUM DOLLY	32.70	DAILY

10. PERSONAL PROTECTIVE EQUIPMENT (PPE)

LEVEL "A" - FULLY ENCAPSULATED GAS-TIGHT SUIT WITH SCBA	657.10	PER SET
LEVEL "B" - POLY-TYVEK THROUGH FULLY ENCAPSULATED SUIT, BUT NOT GAS TIGHT W/SCBA	206.90	PER SET
LEVEL "C" - TYVEK THROUGH SARANEX SUIT W/ AIR PURIFYING RESPIRATOR	90.10	PER SET
LEVEL "D" - TYVEK, POLY-TYVEK, COVERALL OR RAINGEAR SUIT WITH GLOVES, BOOTS, HARDHAT AND SAFETY GLASSES	43.30	PER SET