

CITY OF SAUSALITO

Sausalito, CA 94965

Addendum No. 2

Notice Issued October 16, 2012

For

**Priority 1 Sewer Replacement Project
(Project 1B, Spinnaker/Humboldt Street Sewer and Anchor Street
Pump Station Rehabilitation)**

NOTICE TO ALL PLAN HOLDERS SUBMITTING BIDS FOR THIS WORK:

You are hereby notified of the following information, changes, clarifications or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and subsequent Addenda. The Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain, UNCHANGED.

This Addendum is hereby made a part of the Contract Documents to the same extent as though it were originally included therein.

Comments:

Additionally to the 38 pages of Addendum No. 2 - the City of Sausalito has received questions regarding the required limits of insurance coverage and the extent to which subcontractors are required to provide similar coverage limits and that the City expects to respond to those questions later this week with another addendum.

ACKNOWLEDGED

Bidder's Signature

A signed copy of this addendum is to be submitted as a part of the bid package for the subject project. Failure to do so may subject the Bidder to Disqualification.

ADDENDUM No. 2

for

Project 1B: Spinnaker/Humboldt Street Sewer and Anchor Pump Station Rehabilitation

ADDENDUM No. 2

for

Project 1B: Spinnaker/Humboldt Street Sewer and Anchor Pump Station Rehabilitation

City of Sausalito, California

October 12, 2012

This Addendum changes the project Bid Documents and Contract Specifications. Unchanged portions of the drawings and specifications remain in effect. Bidders shall acknowledge receipt of this Addendum by **acknowledging its receipt on the bid form in the designated location.**

Note: This Addendum, including this sheet consists of a total of **38** pages. There are **36** letter sized pages and **2** tabloid sized page.



Patrick D. Fuss

11 October 2012
Date

ADDENDUM No. 2
for
**Project 1B: Spinnaker/Humboldt Street Sewer and Anchor Pump
Station Rehabilitation**

Drawings

A1.1 Sheet C01, REPLACE C01 with the Sheet C01 included with this Addendum No2 (added tree removal, added limits of pavement for Alternate Bit Item B, and additional lateral locations not indicated previously)

A1.2 Sheet C02, REPLACE C02 with Sheet C02 included with this Addendum No.2(added additional lateral location not indicated previously)

Specifications

A1.3 Section 00100, page 00100-23,: please refer to the table entitled Minority Participation Goals for California, Area 176, Line 7360 for the participation requirements for this project.

A1.4 Section 00300 – Bid Form, , REPLACE this Section in its entirety with Section 00300 – Bid Form included with this Addendum No. 2(7 pages)

A1.5 For Appendix C following Section 00800 and prior to Section 01010 – Summary of Work, INSERT the Filed Notice of Exemption, filed date 29 April 2010 (4 pages) and the BCDC Permit, dated 29 June 2010 (8 pages).

A1.6 Section 01025 – Measurement and Payment, REPLACE this Section in its entirety with Section 01025 – Measurement and Payment included with this Addendum No. 2 (15 pages).

End of Addendum 2

SECTION 00300

BID FORM

PROJECT IDENTIFICATION: Priority 1 Sewer Replacement Project, Project 1B: Spinnaker/Humboldt Street Sewer and Anchor Pump Station Rehabilitation

THIS BID IS SUBMITTED TO:

City of Sausalito, herein after referred to as OWNER.

1. Enter Into Agreement

The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

2. BIDDER Acknowledgements

BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within 10 days after the date of OWNER's Notice of Award.

3. BIDDER's Representations

In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:

- a. BIDDER has examined and carefully studied the Bidding Documents and the following Addenda receipt of all which is hereby acknowledged: (List Addenda by Number)

ADDENDA NO.

- b. BIDDER has visited the Site and become familiar with and is satisfied as to the general and local site conditions that may affect cost, progress, performance and furnishing of the Work.
- c. BIDDER is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.

- d. BIDDER has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions, and (2) reports and drawings of Hazardous Environmental Conditions that have been identified in the Supplementary Conditions.
- e. BIDDER accepts the determination set forth in Paragraph SC-4.02 of the Supplementary Conditions of the extent of the "technical data" contained in such reports and drawings upon which BIDDER is entitled to rely as provided in Paragraph 4.02 of the General Conditions.
- f. BIDDER acknowledges that such reports and drawings are not Contract Documents and may not be complete for BIDDER's purposes.
- g. BIDDER acknowledges that OWNER and ENGINEER do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to existing Underground Facilities at or contiguous to the Site.

- h. BIDDER has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site or otherwise which may affect cost progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by BIDDER and safety precautions and programs incident thereto.

BIDDER does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price and other terms and conditions of the Contract Documents.

- i. BIDDER is aware of the general nature of Work to be performed by OWNER and others at the Site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
- j. BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
- k. BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities or discrepancies in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
- l. Where conflicts, errors, ambiguities or discrepancies have been discovered in or between Contract Documents and/or other related documents, and where said conflicts, etc., have not been resolved through the interpretations or clarifications by ENGINEER as described in the Instructions to Bidders, because of insufficient time or otherwise, BIDDER has included in the Bid the greater quantity or better quality of Work, or compliance with the more stringent requirement resulting in a greater cost.

Name of Bidder: _____

m. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over OWNER.

4. Bid Prices

BID SCHEDULE

BID ITEM NO.	DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	BID PRICE
1	Mobilization and Demobilization	1	LS		
2	Bypass Pumping and Control of Sewage Floor	1	LS		
3	Dewatering	1	LS		
4	Shoring	1	LS		
5	4-inch Force Main	593	LF		
6	6-inch Sanitary Sewer	586	LF		
7	Lateral Replacement and Connection to MH or Sewer	8	EA		
8	Grease Interceptor	1	LS		
9	Manholes	2	EA		
10	Existing Manholes	3	EA		
11	Package Lift Station	1	LS		
12	Restaurant Plumbing Changes	1	LS		
13	Anchor Pump Station Rehabilitation	1	LS		
14	Relocate Mobile Bathroom	1	LS		
	TOTAL BASE BID (use figures)				
Alternate Item A	Demolition of Existing Parking Attendant Kiosk	1	LS		
Alternate Item B	Curb, gutter, sidewalk widening, driveway replacement, AC paving on Humboldt Ave.				
	B.1 Class 1 Bike Path - Component				
B.1	Mobilization, for B.1 work	1	LS		
B.2	Traffic Control	1	LS		
B.3	Signage, Equipment Removal Salvage	1	LS		
B.4	Sawcut, Remove and Dispose AC	3,240	S.F.		
B.5	Remove and Dispose Sidewalk	360	S.F.		
B.6	Retaining Wall	150	LF		
B.7	Railing	150	LF		
B.8	Steps	1	LS		
B.9	Accessible path thru Wall	1	LS		
B.10	SWPPP/Erosion Control – Installation	1	L.S.		
B.11	Grading	480	CY		
B.12	Paving (AC)	120	TONS		
B.13	Header Board (CIP)	400	LF		

Name of Bidder: _____

B.14	Striping	1	LS		
B.15	Signage	1	LS		
B.16	Utility Accommodation	1	LS		
Total	B. 1 items B.1 through B.16, inclusive (use figures)	--	--		
	B.2 Humboldt Roadway Improvements - Excluding Class 1 Path				
B.17	Mobilization, for B.2 Work	1	L.S.		
B.18	Traffic Control	1	L.S.		
B.19	Sawcut, Remove and Dispose of AC Paving	2,000	S.F.		
B.20	Remove and Dispose of AB Roadbase (up to 12")	2,000	S.F.		
B.21	Remove and Dispose Curb and Gutter	400	L.F.		
B.22	Remove and Dispose Sidewalk	1,836	S.F.		
B.23	Signage, Equipment Removal Salvage	1	L.S.		
B.24	Remove and Dispose SD Catch Basins	1	EACH		
B.25	Install 4" AC	200	TONS		
B.26	Install Type A2 Curb and Gutter	400	L.F.		
B.27	Install Type A1 Curb	400	L.F.		
B.28	Install Concrete Sidewalk – 4" Thick	2,220	S.F.		
B.29	Install Concrete Sidewalk – 6" Thick	180	S.F.		
B.30	Aggregate Base at 95% R.C.	4800	S.F.		
B.31	Adjust Utility Box to Grade(Public)	5	EACH		
B.32	Relocate Utility Box (Public)	1	EACH		
B.33	Adjust SSMH to Grade(Public)	1	EACH		
B.34	Adjust SDMH to Grade(Public)	1	EACH		
B.35	Install Access Ramp	2	EACH		
B.36	New Storm Drain Catch Basin	2	EACH		
B.37	Striping	1	L.S.		
B.38	SWPPP/Erosion Control – Installation	1	L.S.		
B.39	Install Permanent Catch Basin Filters	1	EACH		
B.40	Truncated Dome Pavers	50	S.F.		
B.41	Adjust SSMH to Grade	1	EACH		
B.42	Adjust SDMH to Grade	1	EACH		
B.43	Site Finishing	1	L.S.		
Total	B. 2 items B.17 through B.41, inclusive (use figures)	--	--		

TOTAL BID FOR ALL BID ITEMS (Base bid plus Alternate item A plus Alternate Item B.1 plus Alternative Item B.2 (use figures)

\$ _____

TOTAL BID FOR ALL BID ITEMS (Base bid plus Alternate item A plus Alternate Item B (use words)

_____ dollars and
 _____ cents

Name of Bidder: _____

5. Completion

BIDDER agrees that the Work will be substantially completed and ready for final payment in accordance with Section 00700-6.02 of the General Conditions on or before the dates or within the number of calendar days indicated in Section 00800.

BIDDER accepts the provisions of Section 00700 as to liquidated damages in the event of failure to complete the Work within the times specified.

6. Attached Documents

The following documents are attached to and made a condition of this Bid:

- a. Bid Guaranty Bond (Section 00410)
- b. Bidder's Experience and Qualifications (Section 00420)
- c. Designation of Subcontractors (Section 00430)
- d. Site Visit Affidavit (Section 00440)
- e. Non-Collusion Affidavit (Section 00480)
- f. Affidavit of Safety Compliance (Section 00490)
- g. Copy of BIDDER'S California State Contractor's License.

7. Major Equipment Items – Not Used

8. Documents to be submitted prior to Notice to Proceed:

- a. Agreement (Section 00500)
- b. Bond of Faithful Performance (Section 00610)
- c. Payment Bond (Section 00620)
- d. Escrow Agreement (Section 00630)
- e. General Liability Endorsement (Section 00650)
- f. Auto Liability Endorsement (Section 00651)

9. Address for Communications

Communications concerning this Bid shall be addressed to the address of BIDDER indicated below:

10. Defined Terms

Terms used in this Bid which are defined in the General Conditions or Instructions will have the meanings indicated in the General Conditions or Instructions.

SUBMITTED on _____, 20__.

If BIDDER is:

Name of Bidder: _____

An Individual

By _____ (SEAL)
(Individual's name)

doing business as _____

Business address: _____

A Partnership

By _____ (SEAL)
(Firm name)

(General partner)

Business address: _____

A Corporation

By _____ (SEAL)
(Corporation name)

(State of incorporation)

By _____ (SEAL)
(Name of person authorized to sign)

(Title)

(Corporate Seal)

Attest _____
(Secretary)

Business address: _____

A Joint Venture

By _____ (SEAL)
(Name)

(Address)

Name of Bidder: _____

By _____ (SEAL
(Name)

(Address)

NOTE: Each joint venturer must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above.

****END OF SECTION****

NOTICE OF EXEMPTION
CITY OF SAUSALITO
SANITARY SEWER REHABILITATION: PRIORITY 1 PROJECTS

To: Office of Planning and Research
P.O. Box 3044
Sacramento, CA 95812-3044

From: City of Sausalito
420 Litho Street
Sausalito, CA 94965-1933

FILED

APR 29 2010

Marin County Clerk
P.O. Box E
San Rafael, CA 94913

MICHAEL J. SMITH
MARIN COUNTY CLERK
BY: J. Whitney, Deputy

Name of Lead Agency Approving the Project:
Name of Applicant, Person, or Agency Carrying Out Project:
Applicant Address:

City of Sausalito
City of Sausalito
420 Litho Street
Sausalito, CA 94965-1933
Jonathon Goldman
Director of Public Works

Lead Agency Contact Person:

Specific Project Location: Sausalito Waterfront along Gate 5 Road from Harbor Drive to Coloma Street (Site 1a) and along Humboldt Ave, through the Sausalito Yacht Harbor parking lot along the Bay Street alignment on Spinnaker Point (Site 1b)

Project Location – City and County: Sausalito, Marin

Description of Project:

The City of Sausalito proposes to rehabilitate sanitary sewer facilities at two locations.

Site 1a includes:

- Three geotechnical borings,
- Repair of approximately 2,300 linear feet of existing 8-inch sewer pipes by lining with new 4-inch pipe using launch pits and pulling through the existing line, and
- Replacement of approximately 800 linear feet of sewer laterals with new 6-inch lines and pump stations using open trenches.

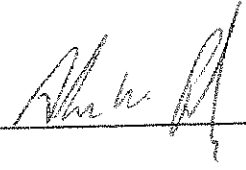
Site 1b includes:

- Two geotechnical borings,
- Rehabilitation of the Anchor Pump Station,
- Replacement of 1,120 linear feet of existing pipe, by a combination of open trenching and pulling new line through existing, and
- Installation of a new grease interceptor.

Work will occur largely within existing trenches. Any water removed during excavation will be discharged to the sanitary sewer. Best Management Practices will be employed during construction to minimize dust and disturbance. The street will remain open with traffic controls during construction.

Exempt Status – Class and Guidelines Section: Class 1 – Section 15301 (Operation, repair, maintenance, or minor alteration of existing structures or facilities not expanding existing uses)

Reasons Why Project is Exempt: The project works within the existing sewer system to repair existing facilities. Minor upgrades from pressurizing the Gate5 line and adding a grease interceptor will improve sewer performance but not increase capacity or expand existing uses.

Signature:  **Date:** 4/23/2010

signed by Lead Agency **Date received for filing at OPR:** _____
 signed by Applicant **Date received for filing at**
Marin County: _____

NOTICE OF EXEMPTION
CITY OF SAUSALITO
SANITARY SEWER REHABILITATION: PRIORITY 1 PROJECTS

To: Office of Planning and Research
P.O. Box 3044
Sacramento, CA 95812-3044

From: City of Sausalito
420 Litho Street
Sausalito, CA 94965-1933

Marin County Clerk
P.O. Box E
San Rafael, CA 94913

2010048322

Name of Lead Agency Approving the Project:
Name of Applicant, Person, or Agency Carrying Out Project:
Applicant Address:

City of Sausalito
City of Sausalito
420 Litho Street
Sausalito, CA 94965-1933
Jonathon Goldman
Director of Public Works

Lead Agency Contact Person:

Specific Project Location: Sausalito Waterfront along Gate 5 Road from Harbor Drive to Coloma Street (Site 1a) and along Humboldt Ave, through the Sausalito Yacht Harbor parking lot along the Bay Street alignment on Spinnaker Point (Site 1b)

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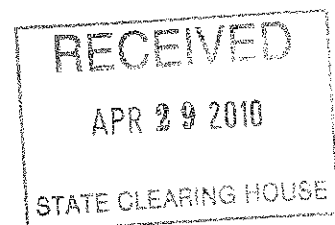
Site 1a includes:

- Three geotechnical borings,
- Repair of approximately 2,300 linear feet of existing 8-inch sewer pipes by lining with new 4-inch pipe using launch pits and pulling through the existing line, and
- Replacement of approximately 800 linear feet of sewer laterals with new 6-inch lines and pump stations using open trenches.

Site 1b includes:

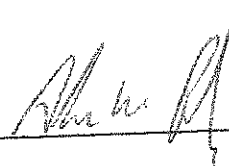
- Two geotechnical borings,
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Signature: 

Date: 4/23/2010

signed by Lead Agency

signed by Applicant

Date received for filing at OPR: _____

Date received for filing at
Marin County: _____



Making San Francisco Bay Better

RECEIVED

JUL 02 2010

PRUNUSKE CHATHAM INC

June 29, 2010

COPY

City of Sausalito
420 Litho Street
Sausalito, California 94965-1933

ATTENTION: Mr. Johnathon Goldman, Director of Public Works

SUBJECT: BCDC Regionwide Permit No. RWP-2
(Notice of Intent to Proceed No. NOI-10-1)

Dear Mr. Goldman:

Enclosed please find an original of Regionwide Permit No. RWP-2, stamped "BCDC Original," and a copy, stamped "Permittee's Copy," both executed by the Executive Director. I am issuing this regionwide permit to you to upgrade the existing sewer along Humboldt and Spinnaker Streets, on Spinnaker Point, in the City of Sausalito, Marin County, as requested by your Notice of Intent to Proceed under a regionwide permit dated February 3, 2010, including its accompanying and subsequently submitted exhibits and correspondence, any subsequent additions or changes, and as modified by the conditions of this regionwide permit.

You must (1) **complete** the acknowledgment section of the regionwide permit stamped "BCDC Original," which indicates that you have read and that you agree to all of the terms and conditions of the regionwide permit, and (2) **return** that entire "BCDC Original" regionwide permit to the Commission's offices within 14 days. You should retain the copy stamped "Permittee's Copy" for your records.

Please understand that this permit authorizes you to perform only the work described in your Notice of Intent to Proceed under a regionwide permit, and no more. In addition, **no** work may commence on the project until the regionwide permit stamped "BCDC Original" is executed and returned to us. Until the Commission receives the executed regionwide permit, the City of Sausalito does not have the necessary authorization for the work authorized under the permit. The commencement of any work within the Commission's jurisdiction without the necessary authorization from the Commission is a violation of the McAtteer-Petris Act and could subject you to substantial fines. Attached is a checklist to assist you in following the correct procedures.

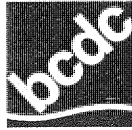
If you have any questions concerning the regionwide permit or the procedure outlined above, please contact me at 415/352-3618 or michellel@bcdc.ca.gov.

Very truly yours,

MICHELLE BURT LEVENSON
Permit Analyst

CS/MBL/ra
Enc.

cc: U. S. Army Corps of Engineers, Attn: Regulatory Functions Branch
San Francisco Bay Regional Water Quality Control Board,
Attn: Certification Section
Environmental Protection Agency
Laura Saunders, Prunuske Chatham ✓



Making San Francisco Bay Better

**REGIONWIDE PERMIT NO. RWP-2
NOTICE OF INTENT TO PROCEED NO. NOI 10-1
(As Amended Through January 7, 2010)
(Reconstruction, replacement, incidental
additions, and maintenance of service lines,
utilities, utility cables, pipelines, and outfalls;
installation of new pipelines where the majority
of work would occur below the ground surface
and Bay bottom; and backfilling of geotechnical
or monitoring wells in the Bay, certain
waterways, managed wetlands, and shoreline
band)**

June 29, 2010

City of Sausalito
420 Litho Street
Sausalito, California 94965-1933

ATTENTION: Mr. Johnathon Goldman, Director of Public Works

Ladies and Gentlemen:

On March 19, 1992, the San Francisco Bay Conservation and Development Commission, by a vote of 17 affirmative, 0 negative, and 0 abstentions, approved the issuance of the original of this Regionwide Permit. On April 18, 1996, the Commission, by a vote of 17 affirmative, 0 negative, and 0 abstentions, approved Amendment No. One of this Regionwide Permit. On December 18, 2008, the Commission by a vote of 18 affirmative, 0 negative, and 0 abstentions, approved Amendment No. Two of this Regionwide Permit. On January 7, 2010, the Commission by a vote of 19 affirmative, 0 negative, and 0 abstentions, approved Amendment No. Three of this Regionwide Permit upon which your authorization is based:

I. Authorization

A. Subject to the conditions stated below, the permittee is hereby authorized to do the following:

- | | |
|---------------------|--|
| Location: | Within the 100-foot shoreline band, along Humboldt and Spinnaker Street(s), on Spinnaker Point, in the City of Sausalito, Marin County |
| Description: | Repair and upgrade the existing sewer by performing two geotechnical borings, rehabilitating the Anchor Pump Station, replacing 1,120 feet of existing pipe and installing a new, small package lift station and grease interceptor. |

B. This authority is limited to activities undertaken at a site where activities are not already authorized by another BCDC permit and to projects that would not adversely impact: (1) the Bay; (2) Bay resources such as those that are scarce, easily disturbed or have an abundance and diversity of fish, other aquatic organisms or wildlife (such as tidal marshes or eelgrass beds);

REGIONWIDE PERMIT NO. RWP-2
NOTICE OF INTENT TO PROCEED NO. NOI 10-1

City of Sausalito

June 29, 2010

Page 2

and (3) existing or possible future visual or physical public access to and along the Bay from public access areas, public roads and pathways. This authority is generally pursuant to and limited by your notice of intent to proceed under a Regionwide Permit dated April 13, 2010, including its accompanying exhibits, any subsequent additions or modifications, and all conditions of this Regionwide Permit.

C. Work authorized herein must commence within two years of the date of the transmittal of this Regionwide Permit by the Executive Director to you or the authorization of your work will lapse and become null and void. Such work must also be diligently pursued to completion and must be completed within two years of commencement, or within three years of the date of transmittal of this Regionwide Permit to you, whichever is earlier, unless an extension of time is granted by the Executive Director.

II. Special Conditions

The authorization made herein shall be subject to the following special conditions, in addition to the standard conditions in Part IV:

A. **Limit of Work.** Authorized work shall be built in general conformance with the plans entitled "Figure 3, Priority 1B, Spinnaker Project and Anchor Pump Station", prepared by West Yost Associates, and received in our office on May 24, 2010, and submitted as part of the application.

B. **Construction Operations and Debris Removal.** All construction operations shall be performed so as to minimize turbidity and the roiling of waters, to prevent construction materials from falling, washing, or blowing into any tidal areas of the Bay or drifting and presenting a navigation or pollution hazard. In the event that any such material is placed or escapes into any area subject to tidal action of the Bay, the permittee, its assigns or successors in interest, or the owner of the improvements shall immediately retrieve and remove such material at its expense. All construction debris shall be removed to an authorized location outside the Commission's jurisdiction and the site left in the same condition and grade as existed prior to project implementation. Any material used to backfill excavated holes and trenches shall be free of contaminants and approved for such use by the Regional Water Quality Control Board.

C. **Habitat Protection.** The work authorized by this Regionwide Permit shall be performed so as to prevent any significant adverse impact on any tidal marsh, tidal flat, eelgrass habitat or other sensitive Bay resources. If any unforeseen adverse impacts occur to any such area as a result of the activities authorized herein, the permittee shall restore the area to or improve the area above its previous condition, which may include returning the disturbed area to its original elevation and soil composition and, if the area does not renegotiate to its former condition within one year, seeding all disturbed areas with appropriate vegetation.

D. **Creosote Treated Wood.** No pilings or other wood structures that have been pressure treated with creosote shall be used in any area subject to tidal action in the Bay or any certain waterway, in any salt pond, or in any managed wetland within the Commission's jurisdiction as part of the project authorized herein.

E. **Maintenance and Replacement of Authorized Facilities.** Any in-kind repairs and maintenance of an authorized structure or improvement shall only use construction material that is approved by the Commission in consultation with the Regional Water Quality Control Board and the California Department of Fish and Game for use in San Francisco Bay. Construction shall only occur during those months of the year, as approved by the Commission

in consultation with resource agencies such as U.S. Fish and Wildlife Service, Department of Fish and Game and National Marine Fisheries Service, that avoid or minimize potential impacts to fish and wildlife. BCDC staff should be contacted to confirm current restrictions.

F. **Water Quality.** Prior to undertaking any work authorized herein on any outfall pipe or similar facility, the permittee shall receive all necessary approvals from the California Regional Water Quality Control Board, San Francisco Bay Region, for any discharge or emission from such structure.

G. **Diced Wetlands Protection.** No work authorized herein on culverts, outfalls, tide gates, or similar facilities shall significantly alter water management, circulation or drainage patterns or otherwise adversely affect any salt pond or other sensitive diked wetland resources.

H. **Abandonment.** If, at any time, the Commission determines that the improvements authorized herein have been abandoned for a period of two years or more, or have deteriorated to the point that public health, safety or welfare is adversely affected, the Commission may require that the improvements be removed by the permittee, its assigns or successors in interest, or by the owner of the improvements within 60 days or such other reasonable time as the Commission may direct.

I. **Notice to Contractor.** The permittee shall provide a copy of this Regionwide Permit to any contractor or person working in concert with the permittee to carry out the activities authorized herein and shall point out the special conditions contained herein.

III. Findings and Declarations

The Commission hereby finds, declares, and certifies that:

A. **Consistency with Commission Regulations.** The projects authorized by this Regionwide Permit include installation, reconstruction, replacement and maintenance of, and incidental additions to, existing currently-used outfall pipes, service lines, utility cables, pipelines, and similar facilities that do not involve any substantial enlargement or any substantial extension into the Bay, into certain waterways, managed wetlands or the 100-foot shoreline band and the installation of new pipelines where the majority of work would occur below the ground surface or Bay bottom. Such projects have been authorized by the Commission as qualifying for a Regionwide Permit because they involve repairs to outfall pipes approved by the California Regional Water Quality Control Board, San Francisco Bay Region, utility cables on or under the bottom of the Bay, and similar facilities, as defined in Regulation Sections 10601(a)(4), 10601(a)(5), 10601(a)(6), 10601(b)(1) and 10601(b)(5), or activities similar to those described above, as defined in Regulation Section 10601(e)(3), and thus are equivalent to a "minor repair and improvement" and qualify for authorization under a Regionwide Permit that may be issued by the Commission and approved by the Executive Director, pursuant to Government Code Section 66632(f) and Regulation Sections 11700 and 11713.

B. **Consistency with McAteer-Petris Act and San Francisco Bay Plan.** The project authorized by this permit is consistent with the McAteer-Petris Act and with the *San Francisco Bay Plan* in that it will not adversely affect the Bay nor public access to and enjoyment of the Bay. Special conditions have been included to assure that project construction, materials and the improvements themselves will not adversely affect the Bay's natural resources, water quality or navigation and that any deteriorated improvements will be removed if they adversely impact the Bay's natural resources, water quality, or pose a navigation hazard, as required by the *San Francisco Bay Plan* policies on fish, other aquatic organisms, and wildlife, tidal marshes and tidal flats, water quality, and navigational safety.

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C. **Consistency with Coastal Zone Management Act.** The activities authorized herein are consistent with the Commission's Amended Management Program for San Francisco Bay, as approved by the Department of Commerce under the Federal Coastal Zone Management Act of 1972, as amended.

D. **Consistency with California Environmental Quality Act.** California Public Resources Code Section 21084 provides that the California Environmental Quality Act (CEQA) guidelines shall include a list of classes of projects that have been determined not to have a substantial adverse impact on the environment and are therefore exempt from the requirements of CEQA. This list of "categorical exemptions" is located at 14 Cal. Admin. Code Sections 15300 through 15329. Section 15301 (Class 1) exempts the operation, repair, maintenance or minor alteration of existing public or private structures or facilities that involve negligible or no expansion of previous use. Section 15302 (Class 2) exempts the replacement or reconstruction of existing structures or facilities where the new structure will be located on the same site as the structure being replaced and will have substantially the same purpose and capacity as the replaced structure. Section 15303 (Class 3) exempts the construction of limited numbers of new, small facilities or structures, and subsection (e) specifically exempts accessory structures. The Commission's own regulations provide that the Commission need not prepare an environmental assessment before it issues a permit for a project that falls within the list of categorically exempt activities (14 Cal. Admin. Code Section 10910). This Regionwide Permit is therefore categorically exempt because it authorizes only reconstruction and replacement of, and incidental additions to, existing, currently used outfall pipes, service lines, utility cables, pipelines, and similar facilities that do not involve any substantial enlargement or any substantial extension into the Bay.

E. **Listing with the Commission.** The Commission staff will prepare a description and indicate the location of any project authorized under this Regionwide Permit, along with the name and address of the permittee, and attach such information to the listing of administrative permits, marsh development permits, and federal consistency actions that is sent to the Commission, following the Executive Director's approval of the project under this Regionwide Permit.

F. **Enforcement Program and Civil Penalties.** The Commission has an enforcement program that reviews its permits for compliance. The Commission may issue cease and desist and civil penalty orders if violations are discovered. The McAteer-Petris Act provides for the imposition of administrative civil penalties ranging from \$10 to \$2,000 per day up to a maximum of \$30,000 per violation. The Act also provides for the imposition of court-imposed civil penalties of up to \$30,000 in addition to any other penalties, penalties for negligent violations of between \$50 and \$5,000 per day, knowing and intentional penalties of between \$100 and \$10,000 per day, and exemplary penalties, which are supplemental penalties, in an amount necessary to deter future violations. In addition, anyone who places fill, extracts materials, or makes any substantial change in use of any water, land or structure within the area of the Commission's jurisdiction without securing a permit from the Commission is guilty of a misdemeanor.

IV. Standard Conditions

A. **Permit Execution.** This Regionwide Permit shall not take effect unless the permittee executes the original of this Regionwide Permit and returns it to the Commission within 14 days after the date of the issuance of the Regionwide Permit. No work shall be done until the acknowledgment is duly executed and returned to the Commission.

B. Permit Assignment. The rights, duties, and obligations contained in this Regionwide Permit are assignable. When the permittee transfers any interest in any property either on which the activity is authorized to occur or which is necessary to achieve full compliance of one or more conditions to this Regionwide Permit, the permittee/transferor and the transferee shall execute and submit to the Commission a permit assignment form acceptable to the Executive Director. An assignment shall not be effective until the assignee executes and the Executive Director receives an acknowledgment that the assignee has read and understands the Regionwide Permit and agrees to be bound by the terms and conditions of the Regionwide Permit, and the assignee is accepted by the Executive Director as being reasonably capable of complying with the terms and conditions of the Regionwide Permit.

C. Permit Runs With the Land. Unless otherwise provided in this Regionwide Permit, the terms and conditions of this Regionwide Permit shall bind all future owners and future possessors of any legal interest in the land and shall run with the land.

D. Other Government Approvals. All required permissions from governmental bodies must be obtained before the commencement of work; these bodies include, but are not limited to, the U. S. Army Corps of Engineers, the State Lands Commission, the Regional Water Quality Control Board, and the city or county in which the work is to be performed, whenever any of these may be required. This Regionwide Permit does not relieve the permittee of any obligations imposed by State or Federal law, either statutory or otherwise.

E. Built Project must be Consistent with Application. Work must be performed in the precise manner and at the precise locations indicated in your application, as such may have been modified by the terms of the Regionwide Permit and any plans approved in writing by or on behalf of the Commission.

F. Life of Authorization. Unless otherwise provided in this Regionwide Permit, all the terms and conditions of this Regionwide Permit shall remain effective for so long as the Regionwide Permit remains in effect or for so long as any use or construction authorized by this Regionwide Permit exists, whichever is longer.

G. Commission Jurisdiction. Any area subject to the jurisdiction of the San Francisco Bay Conservation and Development Commission under either the McAteer-Petris Act or the Suisun Marsh Preservation Act at the time the Regionwide Permit is granted or thereafter shall remain subject to that jurisdiction notwithstanding the placement of any fill or the implementation of any substantial change in use authorized by this Regionwide Permit. Any area not subject to the jurisdiction of the San Francisco Bay Conservation and Development Commission that becomes, as a result of any work or project authorized in this Regionwide Permit, subject to tidal action shall become subject to the Commission's "bay" jurisdiction.

H. Changes to the Commission's Jurisdiction as a Result of Natural Processes. This Regionwide Permit reflects the location of the shoreline of San Francisco Bay when the Regionwide Permit was issued. Over time, erosion, avulsion, accretion, subsidence, relative sea level change, and other factors may change the location of the shoreline, which may, in turn, change the extent of the Commission's regulatory jurisdiction. Therefore, the issuance of this Regionwide Permit does not guarantee that the Commission's jurisdiction will not change in the future.

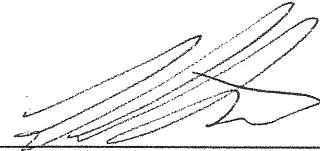
I. Violation of Permit May Lead to Permit Revocation. Except as otherwise noted, violation of any of the terms of this Regionwide Permit shall be grounds for revocation. The Commission may revoke any permit for such violation after a public hearing held on reasonable notice to the

permittee or its assignee if the permit has been effectively assigned. If the Regionwide Permit is revoked, the Commission may determine, if it deems appropriate, that all or part of any fill or structure placed pursuant to this Regionwide Permit shall be removed by the permittee or its assignee if the Regionwide Permit has been assigned.

J. **Should Permit Conditions Be Found to be Illegal or Unenforceable.** Unless the Commission directs otherwise, this Regionwide Permit shall become null and void if any term, standard condition, or special condition of this Regionwide Permit shall be found illegal or unenforceable through the application of statute, administrative ruling, or court determination. If this Regionwide Permit becomes null and void, any fill or structures placed in reliance on this Regionwide Permit shall be subject to removal by the permittee or its assignee if the Regionwide Permit has been assigned to the extent that the Commission determines that such removal is appropriate. Any uses authorized shall be terminated to the extent that the Commission determines that such uses should be terminated.

K. **Permission to Conduct Site Visit.** The permittee shall grant permission to any member of the Commission's staff to conduct a site visit at the subject property during and after construction to verify that the project is being and has been constructed in compliance with the authorization and conditions contained herein. Site visits may occur during business hours without prior notice and after business hours with 24-hour notice.

Executed at San Francisco, California, on behalf of the San Francisco Bay Conservation and Development Commission on the date first above written.



WILL TRAVIS
Executive Director
San Francisco Bay Conservation and
Development Commission

WT/MBL/ra

cc: U. S. Army Corps of Engineers, Attn: Regulatory Functions Branch
San Francisco Bay Regional Water Quality Control Board,
Attn: Certification Section
Environmental Protection Agency
City of Sausalito Planning Department

* * * * *

Receipt acknowledged, contents understood and agreed to:

Executed at _____

Applicant

On _____

By: _____

Title

**SECTION 01025
MEASUREMENT AND PAYMENT**

PART 1 - GENERAL

1.01 GENERAL

- A. Measurements of the completed work shall be in accordance with, and by instruments and devices calibrated to United States Standard Measures and the units of measurement for payment, and the limits thereof, shall be made as shown on the Plans, Specifications, General Conditions and Requirements, and Supplementary Conditions.

- B. Units of Measurement
 - 1. Measurements shall be in accordance with U.S. Standard Measures.
 - 2. A pound is an avoirdupois pound.
 - 3. A ton is 2,000 pounds avoirdupois.
 - 4. The unit of liquid measure is the U.S. gallon.

- C. Certified Weights
 - 1. When payment is to be made on the basis of weight, the weighing shall be done on certified platform scales, or when approved by the Construction Manager, on a completely automated weighing and recording system.
 - 2. The Contractor shall furnish the Construction Manager with duplicate licensed weighmaster's certificates showing the actual net weights.
 - 3. The City will accept the certificates as evidence of the weights delivered.

- D. Methods of Measurement
 - 1. Materials and items of work which are to be paid for on the basis of measurement shall be measured in accordance with the method stipulated in the particular sections involved.
 - 2. In determining quantities, all measurements shall be made in a horizontal plane unless otherwise specified.
 - 3. Material not used from a transporting vehicle shall be determined by the Construction Manager and deducted from the certified tag.
 - 4. When material is to be measured and paid for on a volume basis and it would be impractical to determine the volume, or when requested by the Contractor in writing and approved by the Construction Manager in writing, the material will be weighed and converted to volume measurement for payment purposes.

5. Factors for conversion from weight measurement to volume measurement will be determined by the Construction Manager and shall be agreed to by the Contractor before such method of measurement of pay quantities will be adopted.
6. Full compensation for all expense involved in conforming to the above requirements for measuring and weighing materials shall be considered as included in the unit prices paid for the materials being measured or weighed and no additional allowances will be made therefore.
7. Quantities of material wasted or disposed of in a manner not called for under the Contract; or rejected loads of material, including material rejected after it has been placed by reason of failure of the Contractor to conform to the provisions of the Contract; or material not unloaded from the transporting vehicle; or material placed outside the lines indicated on the Plans or given by the Construction Manager; or material remaining on hand after completion of the Contract, will not be paid for and such quantities will be deducted from the final total quantities.
8. No compensation will be allowed for hauling rejected material.

1.02 BID ITEMS

- A. The Bid amounts for each Bid Item will be used for comparative bid analysis. The Bid amounts will also form the basis of monthly progress payments. Each Lump Sum bid amount will undergo further breakdown as described later in this Section. Unit prices for any unit price bid items, will be the basis for monthly progress payment determinations and for any changes related to that Work item. Bid Item will also demonstrate the Contractor's compliance with the California Labor Code relating to the price for sheeting, shoring, and bracing of excavations. Bid items are not intended to be exclusive descriptions of work categories and the Contractor shall determine and include in its pricing all materials, labor, and equipment necessary to complete each Bid Item (work phase) as shown and specified. Measurement and payment for each Bid Item is defined in each section of the Special Provisions.
- B. Bid Item 1 – Mobilization and Demobilization
 1. This bid item shall be lump sum. Payment shall be made at seventy five (75%) percent of the bid item amount on the first progress payment following completion of mobilization and the remaining amount on the final progress payment, with retention withheld as allowed by the Contract Documents. The Contractor may apply for the remaining twenty-five (25%) percent of the bid item amount upon completion of the project final punch list items provided by the Construction Manager.
 2. This bid item shall include payment for obtaining all bonds, all Contractor acquired permits, licenses, agreements, certifications, notices of intent, and temporary easements; moving onto the site of all equipment, materials, and staff including obtaining and set up of Contractor's staging area/yard; preparing Storm Water Pollution Prevention Plan; furnishing

and erecting all needed construction facilities; fencing; preparing traffic control plan; project signage; project security; demobilization; preconstruction photographs; video recording of surface features; progress schedules and reports; contract meetings; and record drawings.

3. Final payment for mobilization and demobilization, or any part thereof, will be approved for payment under the Contract when all applicable mobilization and demobilization items listed above have been completed.
4. This amount shall not exceed five percent (5%) of the total bid price for the Work.

C. Bid Item 2 - Bypass Pumping and Control of Sewage Flow

1. This bid item shall be lump sum. Payment for this item will be prorated over the course of the Project based on percentage complete of all items.
2. This bid item includes all work and materials necessary to maintain uninterrupted sewer service during the project and includes design and preparation of a flow control plan; submittals; personnel; plugging; bypass pumping; piping; temporary pipe trenching and surface restoration; protecting piping from traffic; sound attenuation equipment; temporary flow diversions; handling flow from laterals that are temporarily disconnected; restoration of sewer flow; and all incidentals as required by these Plans and Specifications.

D. Bid Item 3 – Dewatering

1. This bid item shall be lump sum. Payment for this item will be prorated over the course of the Project based on percentage complete of all items.
2. This bid item includes all work and materials necessary for design and installation of dewatering system necessary to keep sewer trench and other excavations dry at all times. Payment will be "Lump Sum" and will be full compensation for furnishing and operating pumps, power supply; noise control, sediment removal devices; piping; protecting piping from traffic; wells, appurtenances; submittals; and all incidentals including obtaining all permits; abandonment of wells per Marin County requirements and restoration of pavement; sidewalk; or landscaping damaged due to wells and power supply.

E. Bid Item 4 –Shoring

1. This bid item shall be measured in lump sum. Payment for this item will be prorated over the course of the Project based on percentage complete of all items.
2. This bid item includes excavation support measures required including but not limited to: design; submittals; installation and removal of shoring and bracing required to stabilize and prevent movement of existing ground and to protect and provide for the safety of the Contractor's workers due to collapse or movement of the existing ground during excavation and trenching operations, including furnishing all equipment, materials, and personnel

associated therewith, and in accordance with these Specifications and California Labor Code 6700-6708.

F. Bid Item 5 – 4-inch Force Main

1. This bid item shall be measured in linear feet. Measurement for unit price work will be based on the actual number of linear feet complete and in place as determined by the Construction Manager and the unit price bid as approved by the Construction Manager
2. This bid item includes; submittals; traffic control; SWPPP pollution prevention measures; locating/potholing and protecting existing utilities; surveying; saw cutting; grinding; surface demolition; excavation of launch pit and trench; spoil removal and proper disposal; pipe bedding; non-shrink grout; grout pipe; lightweight annulus grout; chemical grout soaked in oakum; trench; HPDE welding; backfill; drain rock; filter fabric; compaction; force main pipe; pressure testing; CCTV camera and video inspection; surface restoration including sidewalks, concrete paving, asphalt paving, curbs, gutters, fences, and other surface features disturbed by the Work; dust control; cleaning; record drawings; furnishing all equipment, materials and personnel associated therewith; and all incidentals in accordance with these Plans and Specifications.

G. Bid Item 6 – 6-inch Sanitary Sewer

1. This bid item shall be measured in linear feet. Measurement for unit price work will be based on the actual number of linear feet complete and in place as determined by the Construction Manager and the unit price bid as approved by the Construction Manager
2. This bid item includes submittals; traffic control; SWPPP pollution prevention measures; locating/potholing and protecting existing utilities; surveying; saw cutting, grinding, surface demolition; concrete plugs, excavation of trench; root cutting; spoil removal and proper disposal; pipe bedding; trench backfill, drain rock; filter fabric; compaction; sanitary sewer pipe; Mission Rubber stainless steel bands; CCTV camera and video inspecting; surface restoration including sidewalks, concrete paving, asphalt paving, curbs, gutters, fences, and other surface features disturbed by the Work; dust control; cleaning; record drawings; furnishing all equipment, materials, and personnel associated therewith, and all incidentals in accordance with these Plans and Specifications.

H. Bid Item 7–Lateral Replacement and Connection to Manhole or Sewer

1. This bid item shall be for "Each" lateral replacement and connection installed as directed in the field by the Construction Manager. Measurement for unit price work will be based on the actual number of laterals complete and in place as determined by the Construction Manager and the unit price bid as approved by the Construction Manager.

2. This bid item includes furnishing all equipment, materials, and personnel associated therewith, and in accordance with these Specifications; submittals; traffic control; SWPPP pollution prevention measures; dust control; collection and legal disposal of all coupons; locating/potholing and protecting existing utilities; surveying; locating/potholing the lateral; surface demolition; saw cutting; grinding; trenching; excavation; removal and proper disposal of concrete; spoil handling and proper disposal; cutting and sealing sewer service laterals; removal and disposal of existing laterals; preparing and compacting pipe sub base; placing and compacting pipe bedding; furnishing, installing, and compacting trench backfill; installation of lateral wye connection or connection to manhole as appropriate, up to 100 feet of lateral piping and connection couplings; wyes; furnish and install two-way cleanout and backwater valve; backwater check valve; B9 concrete box with concrete covers; PVC riser; connection to existing lateral; encasement in low strength concrete, if necessary; backfill; compaction; testing; video inspection; surface restoration including fences, curb and gutter, sidewalks, concrete paving, asphalt paving, irrigation system components and landscaping; cleaning; record drawings, and all incidentals as required by these Specifications and Drawings.

I. Bid Item 8 - Grease Interceptor

1. This bid item shall be lump sum. Measurement for lump sum work will be based on the completed and in place grease interceptor as determined by the Construction Manager and the lump sum bid as approved by the Construction Manager.
2. This bid item includes all labor, equipment and materials necessary for the complete, tested and operational installation of a grease interceptor as indicated on the Drawings and in accordance with these Specifications; submittals; traffic control plan and traffic control; SWPPP pollution prevention measures; locating/potholing and protecting existing utilities; demolition of existing facilities; dust control; excavation; spoil removal and proper disposal; structure bedding; furnish and install grease interceptor, ballast slab, anchor straps, anchors, bearing slab, piping, two-way cleanout, riser pipe, heavy duty manhole frames and cover, concrete collars and couplings; backfill; geotextile fabric; test; surface restoration including sidewalks, concrete paving, asphalt paving, curbs, gutters, fences, and other surface features disturbed by the Work; cleaning; record drawings; and all incidentals in accordance with these Plans and Specifications. Grease interceptor may be precast concrete or fiberglass.

J. Bid Item 9 - Manholes

1. This bid item will be for "Each" Manhole including frame and cover, installed regardless of depth. Payment will be based on the actual number of manholes and manhole frames and covers completed and in place as determined by the Construction Manager and the unit price bid as approved by the Construction Manager.

2. This bid item includes all labor, equipment, and materials necessary to furnish precast concrete manholes including bases, barrel sections, frames and covers; submittals; traffic control; SWPPP pollution prevention measures; saw cutting; excavation; root cutting; dust control; soil stockpiling and spoils handling and disposal; structure bedding; chemical grouting; non-shrink grout; backfilling; compaction; routing of new flow channels within manholes; testing; surface restoration including sidewalks, concrete paving, asphalt paving, curbs, gutters, fences, and other surface features disturbed by the Work; cleaning; record drawings and all incidentals required for a complete installation.

K. Bid Item 10- Existing Manholes

1. This bid item will be for “Each” existing manhole with new work connecting to it. Payment will be based on the actual number of existing manholes included in the work as determined by the Construction Manager and the unit price bid as approved by the Construction Manager.
2. This bid item includes all labor, equipment, and materials necessary to connect new work to existing manholes including, submittals; cleaning and pressure washing; traffic control; cutting or chipping existing bench and openings; Mission Rubber concrete manhole adapter; concrete manhole adaptor water stop; dust control; chemical grouting; non-shrink grout; lightweight annulus grout; grout pipe; oakum; saw cutting; excavation, within existing manholes; and all incidentals required for a complete installation.

L. Bid Item 11 – Package Lift Station

1. This bid item will be lump sum. Payment will be based on the furnished and installed, completed and in place packaged lift stations as determined by the Construction Manager and the unit price bid as approved by the Construction Manager.
2. This bid item includes furnishing and installing all labor, equipment, and materials necessary for the complete, tested, and operational installation of a package lift station including: pumps, valves, piping, wet well, valve box, concrete structures, hatches, fittings, and miscellaneous items as indicated on the Drawings in accordance with these Specifications; submittals; traffic control; SWPPP pollution prevention measures; locating/potholing and protecting existing utilities; demolition existing facilities; dust control; excavation; spoil removal and proper disposal; concrete slabs, structure bedding, backfill; electrical power distribution and controls; coordination with the electrical utility company including initial connection fee (usage will be paid by the City separately); startup and test; troubleshoot, provide installation certifications and train City personnel; surface restoration including sidewalks, concrete paving, asphalt paving, curbs, gutters, fences, and other surface features disturbed by the Work; cleaning; record drawings; and all incidentals required for a complete installation.

M. Bid Item 12- Restaurant Plumbing Changes

1. This bid item shall be lump sum. Payment will be based on the percentage of work completed as determined by the Construction Manager, and the detailed schedule or breakdown of lump sum items as approved by the Construction Manager.
2. This bid item includes all labor, equipment and material necessary for the separation of sanitary sewer lines within Spinnaker Restaurant as indicated on the Drawings and in accordance with these Specifications, including: coordination with restaurant operations; submittals; SWPPP pollution prevention measures; locating and protecting existing utilities; excavation; dust control; spoil removal and proper disposal; demolish existing facilities, remove and dispose of existing parts, piping, vaults, and mechanisms as shown on the Drawings; drain piping and fittings; bedding; backfill; surface restoration including sidewalks, paving, curbs, gutters, and other surface features disturbed by the Work; cleaning; record drawings; and all incidentals in accordance with these Plans and Specifications. Work at night may be required and shall be provided at no additional cost to the City.

N. Bid Item 13- Anchor Pump Station Rehabilitation

1. This bid item shall be lump sum. Payment will be based on the percentage of work completed as determined by the Construction Manager, and the detailed schedule or breakdown of lump sum items as approved by the Construction Manager.
2. This bid item includes all labor, equipment and material necessary for the complete rehabilitation of Anchor Pump Station as indicated on the Drawings and in accordance with these Specifications; including precast vaults, grout, drains, fittings, high solids epoxy, wet well slab, vents, clamps, hatches, pipe supports, and all miscellaneous items; submittals; traffic control; SWPPP pollution prevention measures; locating/potholing and protecting existing utilities; tree removal and stump grinding; excavation; spoil removal and proper disposal; demolish existing facilities; existing pipe plugs; dust control; remove and dispose of existing parts, piping, vaults, and mechanisms as shown on the Drawings; wet well coating; structure bedding; backfill; electrical power distribution equipment; concrete base coordinate with SMCSO or District furnished equipment; coordinate with utility company; startup and test; troubleshoot; provide installation certifications and train City personnel; surface restoration including asphalt paving, striping and lettering, AC curbs, gutters, fences, hedges, and other surface features disturbed by the Work; cleaning; record drawings; and all incidentals in accordance with these Plans and Specifications.

O. Bid Item 14- Portable Restroom Modifications

1. This bid item shall be lump sum. Payment will be based on the percentage of work completed as determined by the Construction Manager, and the detailed schedule or breakdown of lump sum items as approved by the Construction Manager.
2. This bid item includes all labor, equipment, and material necessary for the relocation of the portable restroom as indicated on the Drawings and in accordance with these Specifications, including: coordination with City; submittals; coordination with the restroom trailer company; disconnection of existing water supply and sewer; installation of wheels; moving trailer and jack stands to location approved by Construction Manager; relocation of access ramp; connection of water supply to temporary location; waste storage tank and pump out service; moving the restroom trailer to original location following acceptance by the Construction Manager of the sewer and trench AC repair; and incidentals as needed for a complete and operable restroom facility.

P. Alternate Bid Item A – Demolition of Existing Parking Attendant Kiosk

1. This bid item will be for all labor, equipment, and materials necessary to remove the existing parking attendant kiosk. Payment will be based on a lump sum basis based on the percentage of work for this item completed and in place as determined by the Construction Manager.
2. This bid item includes furnish and install all labor, equipment, and materials necessary to demolish and remove the parking attendant kiosk including traffic control; SWPPP pollution prevention measures; locating/potholing and protecting existing utilities; coordinating with the electrical utility company to turn off power; demolition of existing facilities wood framed structure and concrete slab on grade foundation; dust control; excavation; spoil removal and proper disposal; refilling the resulting void with compacted Class 2 AB; record drawings, and all incidentals in accordance with these Plans and Specifications.

Q. Alternate Bid Item B.1 – Mobilization,

Alternate Bid Item B.17 – Mobilization,

1. This bid item shall be lump sum. This item shall address additional mobilization and demobilization as described above and attributable to the work of Alternative Bid Item B. 30% shall be attributed to Item B.1 – Class 1 Bike Component and 70% shall be attributed to Item B.2 Humboldt Roadway Improvements.
2. Final payment for mobilization and demobilization, or any part thereof, will be approved for payment under the Contract when all applicable mobilization and demobilization items listed above have been completed.

3. This amount shall not exceed five percent (5%) of the total bid price for the Work of Alternative Bid Item B.
- R. Alternate Bid Item B.3 – Signage, Equipment Removal Salvage,
Alternate Bid Item B.23 – Signage, Equipment Removal Salvage,
1. This bid item shall be lump sum and paid proportional to the percent complete of Alternative Item B 30% shall be attributed to Item B.1 – Class 1 Bike Component and 70% shall be attributed to Item B.2 Humboldt Roadway Improvements.
 2. This item shall include removal and salvaging of street marker signs, parking signs, parking stall sensors, parking payment automated kiosks and traffic signage for incorporation into the work of Alternative Item B. Salvaged items shall be returned to the City at the City’s corporation yard or as directed by the Construction Manager.
- S. Alternate Bid Item B.218 – Traffic Control,
Alternate Bid Item B.18 – Traffic Control,
1. This bid item shall be lump sum. This item shall address additional traffic control attributable to the work of Alternative Bid Item B. 30% shall be attributed to Item B.1 – Class 1 Bike Component and 70% shall be attributed to Item B.2 Humboldt Roadway Improvements.
 2. Shall include temporary signage, cones, barricades, flaggers, and all traffic control measures required for the Alternative Item B work.
- T. Alternate Bid Item B.4 – Saw Cut Remove and Dispose of AC Paving,
Alternate Bid Item B.5 - Remove and Dispose of Sidewalk
Alternate Bid Item B.19 – Saw Cut Remove and Dispose of AC Paving,
Alternate Bid Item B.20 – Remove and Dispose of Road Base
Alternate Bid Item B.22 - Remove and Dispose of Sidewalk
1. This bid item shall be shall be based on the square footage of pavement removed as measured in the field by the Construction Manager.
 2. This item shall include saw cutting and removal of pavement up to 8 inches in thickness; demolition and removal of sidewalk regardless of thickness; handling of soils; proper disposal.
- U. Alternate Bid Item B.6 – Retaining Wall
1. This bid item shall be shall be based on the linear feet of retaining wall constructed as measured in the field by the Construction Manager.
 2. This item shall include construction of a concrete retaining wall, up to 40 inches high, conforming to Marin County Uniform Standards type A retaining wall; 1-inch weep holes at 36 inches on centers; backfill and compaction; and miscellaneous work required by the contract documents for the retaining wall.
- V. Alternate Bid Item B.7 – Railing

1. This bid item shall be based on the linear feet of retaining wall constructed as measured in the field by the Construction Manager.
 2. This item shall include construction of 42-inch galvanized steel picket type railing conforming to CalTrans 83-1.02G(3) Pipe Handrailing
- W. Alternate Bid Item B.8 – Steps
1. This bid item shall be lump sum.
 2. This item shall include construction of a concrete steps, 60-inch wide treads with 6-inch risers. Hand railing is addressed in Alternative Bid item B7, but shall be required for the steps on both sides.
- X. Alternate Bid Item B.9 – Accessible Ramp over Wall
1. This bid item shall be lump sum.
 2. This item shall include construction of a ADA compliant ramp over the retaining wall. The ramp shall be 60-inch wide. The ramp shall have hand railing addressed under item B.7. the ramp shall be surfaced with 6 inch deep concrete with broom finish.
- Y. Alternate Bid Item B.10 B. 38 – SWPPP/Erosion control Installation
1. This bid item shall be lump sum.
 2. This item shall address additional SWPPP and erosion control measures attributable to the work of Alternative Bid Item B. 30% shall be attributed to Item B.1 – Class 1 Bike Component and 70% shall be attributed to Item B.2 Humboldt Roadway Improvements.
- Z. Alternate Bid Item B.11 – Grading
1. This bid item shall be by the cubic yard as measured in the field by the Construction Manager for total cut and total fill volumes.
 2. This item shall include handing of spoils to be reincorporated into the Work, import material, moisture conditioning, placement, compaction, testing; spoils disposal, and miscellaneous work required for grading.
- AA. Alternate Bid Item B.12 - Paving,
Alternate Bid Item B.25 – Paving,
1. This bid item shall be by the ton of asphalt paving placed as measured in the field by the Construction Manager based on weigh tickets for materials delivered.
 2. This item shall include furnish, place and compact asphalt concrete to the depth required by the Contract or as directed by the Construction Manager.
- BB. Alternate Bid Item B.13 – Header Board (CIP)
Alternate Bid Item B.26 – Install Type 2 Curb and Gutter
Alternate Bid Item B. 27 – Install Type A1 Curb and Gutter
1. This bid item shall be by the linear foot installed as measured in the field by the Construction Manager.

2. This item shall include excavation for the header board; handling and disposal of spoils; placement and compaction of 4 inches deep of Class 2 AB base course under the header board; construction of a cast in place concrete header board 4 inches wide by 6 inches deep with #4 rebar continuous centered in the header board, and control joints at 4 feet on centers; See Marin county Uniform Standards for details on curb and gutter.
- CC. Alternate Bid Item B.14, B. 37 – Striping
1. This bid item shall be shall be lump sum.
 2. This item shall address striping attributable to the work of Alternate Bid Item B. 30% shall be attributed to Item B.1 – Class 1 Bike Component and 70% shall be attributed to Item B.2 Humboldt Roadway Improvements. .
 3. This item includes thermoplastic reflective striping, reinstallation of parking kiosks and parking sensors.
- DD. Alternate Bid Item B.15 - Signage
1. This bid item shall be shall be lump sum.
 2. This item shall include furnish and install traffic and parking signs as required by the plans. For the basis of bid, assume 3 stop signs, three yield signs and 8 parking signs.
- EE. Alternate Bid Item B.16 – Utility Accommodation
1. This bid item shall be shall be lump sum.
 2. This item shall include addition coordination with PG&E, Marin Municipal Water District, ATT and Comcast
- FF. Alternate Bid Item B.21 – Remove and Dispose of Curb and Gutter
1. This bid item shall be shall be based on the linear feet of curb and gutter removed as measured in the field by the Construction Manager.
 2. This item shall include demolition and removal of curb and gutter regardless of thickness and regardless of width of gutter; handling of soils; proper disposal.
- GG. Alternate Bid Item B.24 – Remove and Dispose of Storm Drain Catch Basins
- Alternate Bid Item B.32 – Relocate Utility Box (Public)
- Alternate Bid Item B.36 – New Storm Drain Catch Basin
1. This bid item shall be based on each catch basin or utility box removed as measured in the field by the Construction Manager.
 2. This item shall include demolition and removal of concrete catch basin, regardless of depth and includes additional pavement demolition; excavation and spoils disposal required for the catch basin or utility box removal; transportation of the catch basin for disposal or the utility box to its new location; placement and compaction of base course material and structural backfill for the relocated utility box or new catch basin. New catch basin frame and grate.

3. Frame and grate shall be salvaged and returned to the City at the City's corporation yard or as directed by the Construction Manager.
- HH. Alternate Bid Item B.28 – Install concrete Sidewalk 4" thick
- Alternate Bid Item B.29 – Install concrete Sidewalk 6" thick
- Alternate Bid Item B.30 – Aggregate Base at 95% R.C.
1. This bid item shall be based on the square feet of side walk or base course material installed as measured in the field by the Construction Manager.
 2. This item shall include subsurface preparation and compaction; placement of temporary formwork; placement of reinforcing where required; furnish and consolidated concrete; furnish, moisture condition and compact aggregate base material; finish concrete surfaces with a broom finish.
- II. Alternate Bid Item B.31 – Adjust Utility Box to Grade (Public)
- Alternate Bid Item B.33 – Adjust SSMH to Grade (Public)
- Alternate Bid Item B.34 – Adjust SDMH to Grade (Public)
- Alternate Bid Item B.41 – Adjust SSMH to Grade
- Alternate Bid Item B.42 – Adjust SDMH to Grade
1. This bid item shall be by box or manhole adjusted as measured in the field by the Construction Manager.
 2. This item shall include Additional excavation and spoils handling/disposal to access the structure; remove manhole frame and cover; providing or removing manhole frame grade rings as appropriate; where bricks are installed under manhole frames, replace bricks with precast concrete grade rings; furnish and install sealant between grade rings and under MH frame; furnish, place and compact backfill; reset manhole frame and covers.
- JJ. Alternate Bid Item B.35 – Install Access Ramps
1. This bid item shall be based on each access ramp installed as measured in the field by the Construction Manager.
 2. This item shall include installation of access ramps per CalTrans A88, Case D, Detail B
- KK. Alternate Bid Item B.39 – Install Permanent Catch Basin Filters
1. This bid item shall be based on each catch basin filter installed as measured in the field by the Construction Manager.
 2. This item shall include installation of fabric-type catch basin filters.
- LL. Alternate Bid Item B.40 – Truncated Dome Pavers
1. This bid item shall be based on the square feet of truncated dome pavers installed as measured in the field by the Construction Manager.
 2. This item shall include installation of truncated dome pavers where directed by the Construction Manager or as required by the Contract

Documents. Truncated dome pavers shall be California Title 24 compliant, in 3-5/8-inch by 7-13/16-inch by 2-3/8-inch such as Pavestone Pavers or equal. Color shall be River Red.

MM. Alternate Bid Item B.43 – Site Finishing

1. This bid item shall be shall be by lump sum.
2. This item shall include final site clean-up; street sweeping; final setting of MH rims; and addressing the Construction Manager’s punch list items associated with Alternate Bid Item B work.

1.03 LUMP SUM PAYMENT ITEMS

- A. Payment items for the Project for which Contract lump sum payments will be made are as listed in the Bid Schedule.
- B. Payment for each lump sum item provides full compensation for furnishing the labor, materials, tools, and equipment and doing all the work involved to complete the work covered by each item and included in the Contract Documents. Costs for items of Work, not specifically mentioned to be included in a particular lump sum or unit price payment item, but deemed incidental to the Work to be considered complete, shall be included in the listed lump sum item most closely associated with the Work involved.
- C. The lump sum price and payment made for each item listed shall be for performing all work required to complete the item and for which separate payment is not otherwise provided.
- D. Contractor shall submit a Schedule of Values for lump sum items. Provide itemized costs of lump sum items to facilitate progress payments of lump sum items that will take longer than one month to complete and are not tied to overall project completion.

1.04 UNIT PRICE PAYMENT ITEMS

- A. Payment items for the Project on which the Contract unit price payments will be made are as listed in the approved Bid Schedule.
- B. Each unit price item provides full compensation for furnishing the labor, materials, tools, and equipment and doing all the work involved to complete the work covered by each item and included in the Contract Documents. Measurement and payment stipulations are as detailed in the Specifications.

1.05 BID SCHEDULE QUANTITIES

- A. Contract quantities are those quantities that have been calculated from the neat lines shown on the Plans and Specifications with no allowance for so-called shrinkage, swelling or settlement.
- B. When the Plans and Specifications have been altered or when disagreement exists between the Contractor and the Construction Manager as to the accuracy of the Plan and Specification quantities, either party shall, before any work is started that

would affect the measurement, have the right to request in writing a change to the noted quantity.

1.06 SCHEDULE OF VALUES

- A. In addition to the requirements stated in Contract Documents, the Schedule of Values shall be in the form of an Excel hardcopy spreadsheet along with the electronic file on a floppy disk. A Schedule of Values shall be submitted for each bid item as directed by the Construction Manager. Each component of work shall be consistent with the Contractor's Construction Schedule as defined in Section 01310 PROGRESS SCHEDULES. Construction Manager will use the approved Schedule of Values to assist in determining monthly progress payments for associated bid items, but will pay for work in terms of percentages actually completed.
- B. Lump Sum bid items as listed in the Bid Schedule submitted by the Contractor with the accepted bid shall be included in a separate detailed Schedule of Values addendum. Each lump sum item shall be as included on the Bid Schedule and shall indicate the portion of the lump sum expected to be requested for each month for the period of the Project. Construction Manager will use this information for reviewing and approving partial payments for these items.
- C. Construction Manager will review the Schedule of Values to assure that item breakdowns are reasonable and balanced. Before any work associated with Schedule of Value items can commence, Construction Manager must approve the Schedule of Values. When approved, they will be used in reviewing and approving the associated bid items to be included in the monthly partial payment requests.
- D. Updates and proposed changes to cash flow and Schedule of Values shall be submitted with the monthly partial payment request. Construction Manager will review the updates and proposed changes and advise the Contractor as to their acceptance, modification or rejection.

1.07 CHANGES AND EXTRA WORK

- A. Measurement and payment of changes and extra work shall be as detailed in the Contract Documents.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

****END OF SECTION****

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