

CITY OF GOLETA



ADDENDUM NO. 1 - SAN JOSE CREEK CHANNEL EMERGENCY REPAIR PROJECT – PROJECT NO. FEMA 4308

Addendum No. 1
September 5, 2017

Bid Opening: September 12, 2017 @ 3:00 P.M. (no change)

Addendum No.1 to the San Jose Creek Channel Emergency Repair Project is required to reflect a design change which results in a reduction in quantity of excavation and rock slope protection. The Addendum also adds a new bid item (Dewatering) and provides clarifications on a number of other bid items and in the interests of expeditious completion of work, requires a six (6) day work week and a ten (10) hour work day. Specifics of the Addendum follow.

1. PROPOSAL, BID SCHEDULE:

- a. Replace Bidding sheet (Page 2 of 2) with the following revised Bidding sheet (Page 2 of 2).

BIDDING SHEET (Page 2 of 2)

BASE BID SCHEDULE

ITEM NO	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
1	CONSTRUCTION AREA SIGNS	LS	1	\$	\$
2	JOB SITE MANAGEMENT	LS	1	\$	\$
3	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	1	\$	\$
4	REMOVE EXISTING ARTICULATED SLOPE REVETMENT (ASR) : QUANTITY TO BE FIELD-VERIFIED BEFORE STARTING WORK	SF	1,400	\$	\$
5	SALVAGE AND REINSTALL METAL BEAM GUARD RAIL AND CHAIN LINK FENCE	LS	1	\$	\$
6	SALVAGE ON-SITE GRAVEL: MIX WITH ROCK SLOPE PROTECTION: WEST-SIDE ACCESS ROAD	LS	1	\$	\$
7	CHANNEL EXCAVATION: 1.5 FEET DEEP BELOW BOTTOM OF ASR X 50 FEET WIDE X 112 FEET LONG	CY	311	\$	\$
8	PARKING LOT REPAIR	LS	1	\$	\$
9	SOIL ANCHORS	EA	102	\$	\$
10	FURNISH AND DRIVE SHEET PILE (8 FT DEEP X 50 FEET WIDE) PS27.5 or "heavier": May be "good used grade" Material is A572-50	SF	400	\$	\$
11	CONSTRUCTION JOINT BETWEEN ASR AND SHEET PILE	LS	1	\$	\$
12	ROCK SLOPE PROTECTION (1/4 TON, METHOD A) : 2-FEET DEEP X 112 FEET LONG X 50 FEET WIDE	CY	415	\$	\$
13	ROCK SLOPE PROTECTION FABRIC - CLASS 8 (60 FEET WIDE X 120 FEET LONG)	SF	7,200	\$	\$
14	MISCELLANEOUS METAL: ASR TIE DOWN CONNECTION	EA	102	\$	\$
15	MISCELLANEOUS METAL: HYDRAULIC TRANSITION BAFFLE (ON EXISTING CONCRETE CHANNEL LINING)	EA	20	\$	\$
16	MOBILIZATION	LS	1	\$	\$
17	DEWATERING	LS	1	\$	\$
TOTAL BASE BID					\$

(Total Bid in Words)

Company Name of Bidder

2. SECTION E - CITY GENERAL PROVISIONS – SECTION 8 PROSECUTION AND PROGRESS:

a. Add the following language at the beginning of this Section:

The Contractor’s attention is directed to the following key expectations/ requirements regarding “Prosecution and Progress” for this project:

- i. Work-Week: the Contractor shall work a 6-day work week, Monday-Saturday.
- ii. Work Day: the Contractor Shall work a 10-hour work day (7 AM to 5 PM)
- iii. The First Working Day: the Contractor shall be ready to start work within five (5) Working Days of Contract Award as referenced in **SECTION A - NOTICE INVITING SEALED BIDS.**

b. Replace the first paragraph of Section 8-1.04A Notice to Proceed with:

Within five (5) days after the execution of the contract, and receipt of required bonds, insurance, etc., written notice to proceed will be given by the City to the Contractor. Notwithstanding any other provision of the contract, City shall not be obligated to accept or to pay for any work furnished by the Contractor prior to delivery of notice to proceed whether or not the City has knowledge of the furnishing of such work.

**3. SECTION F – CITY SPECIAL PROVISIONS - DIVISION I GENERAL PROVISIONS - 1
GENERAL :**

a. Replace “Bid Items and Applicable Sections Table” on Page F-5 with:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
120090	CONSTRUCTION AREA SIGNS	12
130100	JOB SITE MANAGEMENT	13
130200	PREPARE WATER POLLUTION CONTROL PROGRAM	13
153220?	REMOVE EXISTING ARTICULATED SLOPE REVETMENT (ASR) 50X112 FEET: QUANTATY TO BE FIELD-VERIFIED BEFORE STARTING WORK	15
1512XX	SALVAGE AND REINSTALL METAL BEAM GUARD RAIL AND CHAIN LINK FENCE	15
1512XX	SALVAGE ON-SITE GRAVEL: MIX WITH ROCK SLOPE PROTECTION: WEST-SIDE ACCESS ROAD	15
190151	CHANNEL EXCAVATION: 1.5 -FEET DEEP BELOW BOTTOM OF ASR 50 FEET WIDE X 112 FEET LONG	19
390XXX	PARKING LOT REPAIR	39
4630XX	SOIL ANCHORS	46
490801	FURNISH AND DRIVE SHEET PILE (8 FT DEEP X 50 FEET WIDE) PS27.5 or "heavier": May be "good used grade" Material is A572-50	49
511XXX	CONSTRUCTION JOINT BETWEEN ASR AND SHEET PILE	51
721007	ROCK SLOPE PROTECTION (1/4 TON, METHOD A) : 2-FEET DEEP X 112 FEET LONG X 50 FEET WIDE	72
729011	ROCK SLOPE PROTECTION FABRIC - CLASS 8 (60 FEET WIDE X 120 FEET LONG)	72
7505XX	MISCELANEOUS METAL: ASR TIE DOWN CONNECTION	75
7505XX	MISCELANEOUS METAL: HYDRAULIC TRANSITION BAFFLE (ON EXISTING CONCRETE CHANNEL LINING)	75
999990	MOBILIZATION	1, 7, 9
-	DEWATERING	13, 14

4. SECTION F – CITY SPECIAL PROVISIONS – DIVISION II GENERAL CONSTRUCTION – 10 GENERAL:

a. Replace Article 6 “Salvage Crushed Rock” with:

SALVAGE ON-SITE GRAVEL: MIX WITH ROCK SLOPE PROTECTION: WEST-SIDE ACCESS ROAD

Comply with section 15 of the Caltrans Standard Specification and these special provisions. This is a lump sum item.

Santa Barbara County Flood Control would like to drive across the west side of the channel as a continuation of the maintenance road which proceeds upstream from the ramp at the south end of Kellogg Ave.

To provide a smoother surface over this approximately 20-foot-wide swath of channel bottom, this western portion of the new RSP will be mixed on-site gravel which has been deposited in the channel, and the ASR will be topped with layer this same material to form a travel surface.

The on-site gravel may be harvested from areas in the channel as approved by the Engineer.

The contractor may provide gravel from off-site stockpiles if they prefer. Gravel gradation shall be roughly “pea gravel”.

Payment for this item includes all excavation, stockpiling, and transportation to the area of Rock Slope Protection; all effort to construct this complete in place.

b. Replace Article 7 “Channel Excavation” with:

CHANNEL EXCAVATION: 1.5-FEET DEEP BELOW BOTTOM OF ASR X 50 FEET WIDE X 112 FEET LONG

Comply with section 19 of the Caltrans Standard Specification and these special provisions.

According to the Record drawings, the material excavated should include 2 layers of filter / rock slope protection fabric, and crushed rock of various gradations.

Condition (wetness) of the subgrade was unknown at the time these plans and specifications were prepared.

c. Replace Article 12 “Rock Slope Protection” with:

ROCK SLOPE PROTECTION (1/4 TON, METHOD A) : 2-FEET DEEP X 112 FEET LONG X 50 FEET WIDE

Comply with section 72 of the Caltrans Standard Specification and these special provisions.

Note that the west side of this material will be mixed with crushed rock to form an access road.

d. Add Article 17 “Dewatering” to Division II GENERAL CONSTRUCTION as follows:

DEWATERING

Dewatering: Comply with section 13 and 14 of the Caltrans Standard Specifications and the special provisions supplemented herein and all Permits, Licenses, Agreements, and Conditions (PLACs). The bid item includes all labor, materials and equipment and incidentals for the installation, maintenance and removal of the creek diversion.

The Contractor is responsible for all dewatering necessary to keep the construction and work areas dry. The Contractor must design, install, operate, and maintain an adequate system. The system must be of sufficient size and capacity to maintain a dry condition without delays to construction operations.

Dewatering activities specified under another work item will be performed and paid for in accordance with the section in the Caltrans Standard Specifications and the special provisions supplemented herein for that item.

Dewatering activities that are not specified under another work item must be performed in accordance with the following:

- a. Conduct dewatering activities under the Department's Field Guide for Construction Site Dewatering.
- b. Ensure that any dewatering discharge does not cause erosion, scour, or sedimentary deposits that could impact natural bedding materials.
- c. Discharge the water within the project limits. Dispose of the water if it cannot be discharged within project limits due to site constraints or contamination.
- d. Do not discharge storm water or non-storm water that has an odor, discoloration other than sediment, an oily sheen, or foam on the surface. Notify the Engineer immediately upon discovering any such condition.

Before you start dewatering, submit a dewatering and discharge work plan. The dewatering and discharge work plan must include:

- a. Title sheet and table of contents
- b. Description of dewatering and discharge activities detailing locations, quantity of water, equipment, and discharge point
- c. Estimated schedule for dewatering and discharge start and end dates of intermittent and continuous activities
- d. Discharge alternatives, such as dust control or percolation
- e. Visual monitoring procedures with inspection log
- f. Copy of written approval to discharge into a sanitary sewer system at least 5 business days before starting discharge activities (if allowed).

**5. SECTION F – CITY SPECIAL PROVISIONS – DIVISION VI STRUCTURES – 46
GROUND ANCHORS AND SOIL NAILS, Add to section 46-3:**

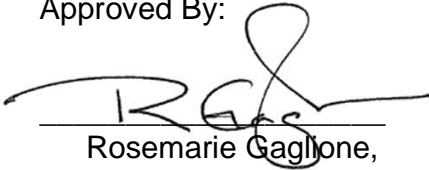
a. Replace “Soil Anchors shall meet the following criteria” with:

Soil Anchors shall meet the following criteria:

- 1) Cellular concrete mattresses must be anchored at the top and at the exposed sides of the ends of the revetment system by fastening the exposed revetment cables to the anchors driven into the anchor trench as shown on the plans.
- 2) Care shall be given to protect the revetment tendons.
- 3) Modifications to the ASR may be required to penetrate the ASR; this shall be repaired as directed by the Resident Engineer.
- 4) Soil Anchor System must be Manta Ray Type MR-4 or approved equal.
- 5) The Anchor system must have a steel plate at the top for holding down the concrete mattresses. See construction details for more information. This item is paid separately as MISCELANEOUS METAL: ASR TIE DOWN CONNECTION.
- 6) Minimum Ultimate Tensile strength of the anchor and its components (including the anchor and attachment hardware) shall be **16000 pounds** (71 kN).
- 7) All components of the earth anchor must be hot dip galvanized per ASTM A-123 / ASTM A-153.
- 8) Anchor rods must have a diameter of .75 inches (19mm).
- 9) Anchors must be installed at the locations and angles shown on the project plans.
- 10) All anchors must meet the minimum embedment length of **20-feet** (along the axis of the anchor rod) specified on the project plans after the proof test as specified below. It shall be the responsibility of the installer to drive the anchors to a sufficient depth prior to proof testing such that the anchors will meet this minimum embedment length after the proof test.
- 11) All anchors must be proof tested along the axis of the anchor rod to the minimum proof test specified. The proof test load shall be held for a period of one minute during which time the movement of the anchor shall not exceed ½ inch (12mm).
- 12) The proof load for this project is **12,000 pounds**.
- 13) The installer must keep a record of installation and test for each anchor that records the anchor specifics (anchor and rod model, installation angle), proof test results, final embedment length.
- 14) The proof testing device shall have been calibrated or “Load Verified” within the past 1 year. It shall be the responsibility of the installer to supply the Calibration or Load Verification Certificate.
- 15) The Contractor may propose substitution (subject to approval by the Designer, Bengal Engineering) , for a different anchor head as is appropriate for soil conditions provided that all of the above criteria are met.

6. **SECTION G – FEDERAL REQUIREMENTS:** Add Prevailing Wage Tables (attached).
7. **APPENDIX 2 – Temporary Construction Easements:** Replace APPENDIX 2 with attached APPENDIX 2 (Addendum 1). The revised Appendix 2 provides more details on construction access and TCE's for equipment laydown.
8. **Plans. Replace entire set of plan with attached “Addendum 1 Plans” dated September 4, 2017.** Changes from original Plan Set include:
 - a. Sheet “XS-1 TYPICAL CROSS SECTION”:
 - i. Changes in Legend descriptions.
 - ii. Change in Note 2 and Note 5.
 - iii. Addition of Note 12.
 - b. Sheet “L-1 LAYOUT”:
 - i. Change in description of Construction Note 5.
 - ii. Changes in Legend descriptions.
 - c. Sheet “C-1 CONSTRUCTION DETAILS”:
 - i. Reflects 10:1 horizontal angle of “HYDRAULIC TRANSITION BAFFLE”.
 - ii. Reflects 8-ft typical length of “HYDRAULIC TRANSITION BAFFLE”.
 - d. Add Sheet “C-2 CONSTRUCTION DETAILS” to reflect Anchor Spacing pattern.

Approved By:



Rosemarie Gaglione,
Public Works Director

END