



April 24, 2019

RE: Chorro Creek Ecological Reserve Floodplain Restoration Project, Addendum No.3

This Addendum shall be considered part of the bid documents for the above-mentioned project. In the case of any conflicting information, the provisions of this addendum supersede the original bid documents and any prior addenda. Bidders must acknowledge the addendum with the bid submittal.

ADDENDUM NUMBER 3

A. Bid Documents and Specifications Updates

The following changes have been made:

1. Technical Specification Section 31 35 10 Biotechnical Slope Protection:
REPLACE 2.02 Brush Mat & Branch Bundle with the following text:

2.02 BRUSH MAT & BRANCH BUNDLE

A. Materials supplied by Contractor:

1. Gravel: per Section 31 33 00 Rock Stabilization Structures.
2. Rock Ballast: 50-lb stone per Section 31 33 00 Rock Stabilization Structures.
3. Coir Fabric: Woven erosion control fabric constructed of 100% biodegradable materials with a 100% coconut fiber matrix and a functional longevity of approximately 48 months. The material shall be evenly wheel spun and uniformly twisted from well cleaned 100% biodegradable natural organic coir woven into an approximate 2-inch x 2-inch mesh. Manufacturer: Belton Industries – Geocoir Dekowe 400, or equivalent.
4. Rope: Biodegradable fiber, 1/4" diameter.
5. Wooden Stakes: Wooden stakes, 24" x 2" x 1", tapered to a point, and capable of fully securing fabric to underlying soils.

B. Materials supplied by Revegetation Contractor:

1. Live Willow Stems: per 2.01.A above. Stem lengths shall be sufficient to span the extent of the mat, be embedded 12 inches into the toe trench.
2. Branch Bundles: minimum 50% of material per bundle must be live stems from willow, dogwood, or alder. Remaining 50% of material may be any pruned tree material that meets specification in table in Section 2.01.A above.

2. Erosion Control Completion Date.
 - a. Drawing Sheet EC-2.
 - i. DELETE October 15th
 - ii. INSERT October 11th

3. Sheet EC-2 Erosion Control Details
 - a. DELETE Riparian Seed Mix table
 - b. INSERT the Revised Riparian Seed Mix table:

REVISED RIPARIAN SEED MIX TABLE

BOTANICAL NAME	COMMON NAME	GROWTH FORM	POUNDS OF PURE LIVE SEED (PLS)/ACRE
RIPARIAN SEED MIX (2.2 ACRE)			
<i>Elymus glaucus</i>	BLUE WILD RYE	PERENNIAL GRASS	10
<i>Elymus triticoides</i>	CREEPING WILD RYE	PERENNIAL GRASS	6
<i>Festuca microstachys</i>	SMALL FESCUE	PERENNIAL GRASS	6
<i>Hordeum brachyantherum</i>	MEADOW BARLEY	PERENNIAL GRASS	6
<i>Hordeum depressum</i>	LOW BARLEY	PERENNIAL GRASS	5
<i>Stipa pulchra</i>	PURPLE NEEDLEGRASS	PERENNIAL GRASS	7
SUBTOTAL			40

B. Responses to Questions:

1. *Can the application rate for Artemisia and Bacharris species in the riparian seed mix be modified to reduce costs as they have a naturally low germination rate?*

The Revised Riparian Seed Mix provided in the table in A.3. above removes both Artemisia and Bacharris from the seed mix. Seeding rates for other species are revised per the table.

2. *On the hydroseed option, what type of fiber is to be used and its application rate per acre? What is the application rate for the binder? Application rate for the 16-20-0 fertilizer?*

Addendum 4 will address drill and hydroseed materials and installation, which will be posted to the project webpage by end of the day April 26th.

3. *On the fiber rolls, what size stake is to be used?*

Use Wooden Stake as shown in Detail 1D on Sheet C-10 of the Drawings.

4. *On the fiber rolls, what size rope to tie down the rolls? Both ½ inch and ¼ inch are shown. ¼ inch is typical for Caltrans installation.*

Use 1/4" biodegradable manila rope.

5. *If the Sedimax product is used, can the manufacturers installation guideline be used in lieu of the plans?*

If the Sedimax-SWB9 (Straw Wattle Biodegradable 9 inch) is used, secure per plans. An approved equivalent can also be used in place of Sedimax.

6. *On Sheet G-2, there is a Contractor Coordination table of different activities. It shows it to be performed by revegetation contractor. Would that be referring to the CCC crews or the seeding, netting and fiber roll installers?*

The revegetation contractor is the California Conservation Corps (CCC) crew.

Thank you again for your interest in this project. If you have any questions regarding this addendum, please contact Carolyn Geraghty (cgeraghty@mbnep.org, 805-772-3834 ext.12)

Sincerely,

Carolyn Geraghty
Restoration Projects Manager
Morro Bay National Estuary Program



SEDIMAX™
SEDIMENT RETENTION

Specification Sheet – SediMax-SWB9™ (Straw Wattle Biodegradable 9 inch)

DESCRIPTION

The SediMax-SWB9™ shall be composed of agricultural straw and be wrapped in biodegradable tubular organic, woven jute net.

The netting weight shall be approximately 1.28 ounces/ linear ft. and shall be made from Leno woven, lightweight woven jute netting. The netting shall have aperture openings measuring 0.50 x 1.0 inches (1.27 x 2.54 cm).

The wattle ends will be secured with wire closures. SediMax-SWB9 shall be installed according to manufacturer's recommendations. They shall be installed on contours and staked with 18 to 24 inch wood stakes at four foot on center.

Material Content

Matrix	100% Straw Fiber	2.88 lbs/linear ft (4.25 kg/linear meter)
Netting	Tubular, diamond-shaped netting	1.28 oz/linear ft (118.8 g/linear meter)
Wire Closure	Industrial grade ring wire, 18 gauge	3.75 in (9.53 cm)

Physical Specifications

Width	9.00 in (22.86 cm)
Length	25.00 ft (7.62 m)
Weight +/- 10%	57.00 lbs (25.65 kg)



North American Green
5401 St. Wendel-Cynthiana Road
Poseyville, Indiana 47633

nagreen.com
800-772-2040

©2017, North American Green is a registered trademark. Certain products and/or applications described or illustrated herein are protected under one or more U.S. patents. Other U.S. patents are pending, and certain foreign patents and patent applications may also exist. Trademark rights also apply as indicated herein. Final determination of the suitability of any information or material for the use contemplated, and its manner of use, is the sole responsibility of the user. Printed in the U.S.A.