

C-3-P & WLRP PROJECT OVERVIEW

The Beaver Slough Drainage District (District) has worked since 2009 with landowners Oregon Department of Fish and Wildlife (ODF&W) and China Camp Creek Gun Club (CCCCG) as Well as The Nature Conservancy (TNC) to develop the China Camp Creek (C-3-P) and Winter Lake Restoration (WLRP) Projects. The C-3-P will concentrate on the District's efforts to rebuild and enhance the infrastructure necessary for water management and protection of landowner's properties. The WLRP is focused on the isolation of Unit 2 and the restoration activities planned to allow landowners goals to be achieved. During the construction phase the project partners will continue to co-ordinate their efforts and work closely together to ensure maximum cost efficiency and project goals and objectives are met.

Several factors are of great importance in the construction phase of these projects:

- Time – 120 day construction window, June 1 to September 30, 2017
- Site Conditions – “a thin crust on a bowl of pudding”
- Potential Weather Constraints – late spring, early fall, or wet summer
- Project sites must be returned to 100 percent elevation prior to winter flooding

The proposed projects and their associated work items are described as follows:

C-3-P

The C-3-P will consist of three items to be bid separately. Contractors will be expected to work with other entities to co-ordinate components, schedules, and materials.

Concrete Box Culverts

- Excavation of the CBC site and associated shoring/site access
- Construction of Shallow Matt Pad Foundation (SMPF) including Nehalem Diaphragm
- Construction of CBC consisting of an array of seven culverts 10' W X 8' H X 60' L.
- Connect to East and North canals, Unit 2 channel, remove current culvert/tide gates and bulkheads, rebuild river berm to elevation and control house pad.

Access Bridges #1, #3, #4, #5

- Excavate for Foundation
- Construct SMPF Foundation and Abutments
- Assemble Steel Beam and Precast Concrete Deck Components

North Dike Reconstruction

- Grub and Clear Vegetation
- Grade, Shape, and Compact Existing Material
- Grade, Shape, and Compact Imported Material and Rock Cap

WLRP

- a. Excavate primary and secondary tidal channels to connect from the southwest corner of parcel 27S13W28-300 (shown on Sheet C03 as culvert/tide gate structure by others) to the northeast corner of parcel 27S13W28-201.
- b. Remove existing deteriorated culverts in locations as shown.
- c. Install replacement 48-inch HDPE culverts and tide gates in locations as shown.
- d. Place fill in interior drainage canals.
- e. Excavate new drainage canal along eastern edge of parcel 27S13W28-300.
- f. Install perimeter berms to elevation 6.5 feet NAVD88 and add gravel surface to elevation 7.0 feet NAVD88.
- g. Place excavated material into fill areas and nesting mounds as shown. The intent of the work is to balance excavation quantities on the site and not to import fill material. If insufficient fill volumes are available then the fill area and nesting mound locations shown can be adjusted per approval by the CAR.
- h. Work with other entities to co-ordinate components, schedules, and materials.

NOTES:

1. Plans and specifications are subject to further amendment and changes.
2. Project partners may procure and provide various components from other sources.
3. Contractor capability and experience as well as work plan and schedule detail will have heavy bearing in the selection process
4. Attendance at the November 2, 2016 pre-bid meeting and site tour will be a prerequisite for participation in the bidding process.
5. All relevant inquiries, questions, and replies will be shared with all bid process participants.

6. Inquiries may be directed to:

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