

CARBON LA COSTA: PROJECT SCOPE AND AUTHORIZATION #2

Project: Carbon La Costa
Location: Malibu Ca.
CCC Contract: # 09-008
Project Manager: Joan Cardellino
Contractor: Bionic
Contractor Project # CCC 0901

Authorization Date: 03/15/11

NOTE: Authorization #1 included steps 1-4 and was completed February 2011

Authorization #2:
STEP 5: Design Studies, Permit Support, Public Meetings, Cost Estimating

The following is a description of tasks in step 5 of the design process

STEP 5: Design Studies, Permit Support, Public Meetings, Cost Estimating

Task 1-Design Studies

For this task we will conduct design studies to assist in the development of a final plan for permitting and cost estimating. Concept design studies to include:

- Emergency Access Study
- 3D model of preferred design concept to determine massing and project footprint
- 2 Options for shading and seating
- Universal Access (ADA)

In this task we will also draft a management plan to be approved by the Coastal Conservancy and sent to MRCA.

Throughout this task we will provide project management services in the form of the following tasks: billing, scheduling, quality control, correspondence sub-consultant and agency coordination

Exclusions/Assumptions

- n/a

Meetings

- 2 meetings with client and coastal engineer at CC office.

Deliverables

- 1 Emergency Access Study
- 3D model of preferred design concept
- Design concept for shade structures and seating
- Universal Access (ADA)
- Draft Management Plan

Task 2: Permit Support

For this task we will assist the Coastal Conservancy in preparation of the following permits and associated tasks:

STATE LANDS COMMISSION PERMIT

- Project Description
- Plot plan (2 full size copies) showing existing and proposed, MHTL
 - Revise plan per City, send to Coastal Eng for review
 - Revise plan per Coastal Eng comments (if necessary)
 - Annotate and format plan per State Lands guidelines
- Review Engineering drawings

- Site photos including adjacent properties: Collect and lay out ground and aerial photos for submittal
- Pick up comments from pre-submittal client review
- post-submittal sub-consultant and agency coordination
- Revise and resubmit drawings if necessary
- Review Evidence of Review by State Lands

LARWQCB (01031 - Wastewater Discharge Permit OR equivalent)

- Site Plan (format to RWQCB standards)
- Restroom plan and research
- Restroom technical info
- Discharge feasibility study (field investigation, report)
- Pick up comments from pre-submittal client review

CEQA SUPPORT

- provide information for re-design for CEQA preparation by client
- coordination with coastal engineer / environmental consultants

CITY OF MALIBU COASTAL DEVELOPMENT PERMIT

- provide drawings and information as necessary

Throughout this task we will provide project management services in the form of the following tasks: billing, scheduling, quality control, correspondence sub-consultant and agency coordination

Exclusions/Assumptions

- STATE LANDS: Client to get wet-stamped survey
- STATE LANDS: changes to plan per Coastal Eng comments could affect site plan, grading, sections; significant change will require revising the digital model and plan and section drawings.
- STATE LANDS: Engineering Drawing Assumption: review, comment and coordinate with landscape drawings
- STATE LANDS: Pre-submittal client review: Assume no change to site design or geometry
- STATE LANDS: Assume 4 month processing period
- WASTEWATER DISCHARGE PERMIT (OR EQUIVALENT): Assume no changes to site design or geometry are necessary for permit

Meetings

2 client meeting at CC office in Oakland to review City comments

Deliverables

We will provide support for the preparation of the following permit submittals by the Coastal Conservancy:

- State Lands Commission Submittal
- LARWQCB (01031-Wastewater Discharge Permit OR equivalent)
- CEQA Support information/documentation
- City of Malibu Coastal Development Permit

TASK 3: Public Meetings

For this task we will assist the Coastal Conservancy in the preparation for and presentation/facilitation of the "Good Neighbor" meeting to be held in Malibu. We will:

- Review, revise and format the Management Plan
- Draft the presentation
- Prepare presentation materials
- Attend meetings and present the project

Throughout this task we will provide project management services in the form of the following tasks: billing, scheduling, quality control, correspondence sub-consultant and agency coordination

Exclusions/Assumptions

- Assume 1 person traveling to Malibu for 2 public meetings, 1 overnight

Meetings

- 2 "Good Neighbor" public meetings in Malibu (1 overnight)

Deliverables:

- Formatted Management Plan
- Presentation materials for "Good Neighbor" meeting

Task 4: Cost Estimating

For this task we will:

- Develop a dimensioned plan and typical cross sections suitable for the coastal engineer to estimate costs and quantities for the sea wall
- Create a budgetary estimate for the overall construction costs of the project.
- Based on the budgetary estimate and required tasks for permitting and approvals we will provide an estimate of professional fees through the construction documentation phase of the project

Throughout this task we will provide project management services in the form of the following tasks: billing, scheduling, quality control, correspondence sub-consultant and agency coordination

Exclusions/Assumptions

- A full consultant team is not under contract at the time of this authorization. Assumptions and allowances will be used in the estimates in the absence of key disciplines and project scope.

Meetings

- n/a

Deliverables:

- Dimensioned plan and typical cross sections
- Budgetary estimate for construction costs
- Estimate of professional fees for the project through the construction documentation phase of the project

SCHEDULE OF FEES

The following schedule includes all professional fees, travel, and customary reimbursable expenses. Fees will be billed in accordance with the terms and conditions defined in the standard agreement between Bionic, and the State Coastal Conservancy. contract Number 09-008, dated 9/23/2009.

Fees will be billed hourly against the following allowances. Estimated maximum and minimum hours for each task are detailed in the attached scope/hours/budget matrix.

	Bionic
TASK 1: Design Studies	16,600
TASK 2: Permit Support	19,500
TASK 3: Public Meetings	9,000
TASK 4: Cost Estimating	9,500

