TOLL BRIDGE PROGRAM OVERSIGHT COMMITTEE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

Hokkaido, Japan (PST + 17:00)
Cable Saddles
Furnish cable saddles
Japan Steel Works, Inc.
Hokkaido, Japan
Bid Item #59 - $28.25 Million
Step 9

South Korea (PST + 17:00)
Suspender System
Furnish suspender cables
Kiswire
Pusan, South Korea
Bid Item #66 - $3.25 Million
Step 9

E2 Shear Key
Furnish bearings and shear keys
Hochang Machinery Industries Co, Ltd
Ulsan, South Korea
Bid Item #61 - $10 Million
Step 11

Shanghai, China (PST + 16:00)
Steel Box Girder Deck Segments
Furnish steel orthotropic box girder deck segments and bikepath
ZPMC
Shanghai, China
Bid Item #55, 57 - $272.026 Million
Step 5

Crane for Crane Barge
Fabricate and install crane on barge
ZPMC
Shanghai, China
Step 6 & 8

Steel Bridge Towers
Furnish steel towers
ZPMC
Shanghai, China
Bid Item #52 - $130.95 Million
Step 7

PWS Cable System
Furnish prefabricated parallel wire strands (Main Cable)
Shanghai Pujiang Cable Co., Ltd
Shanghai, China
Bid Item #66 - $28.8 Million
Step 9

Oregon, USA (PST)
E2 Footing Box
Furnish E2 footing box
Oregon Iron Works
Portland, Oregon
Step 1

Temporary Support Towers
Fabricate temporary support towers
American Bridge Fabrication
Reedsport, Oregon
Step 3

Barge for Crane Barge
Fabricate barge for crane
Oregon Iron Works
Portland, Oregon
Step 6 & 8

Hinge Pipe Beam
Furnish hinge pipe beam
Oregon Iron Works
Portland, Oregon
Bid Item #62, 65 - $10.28 Million
Step 11

California, USA (PST)
Piles and Casings
Furnish foundation piles and casings
Transbay Steel Corporation
Napa, California
Step 1

Ontario, Canada (PST + 03:00)
Detailed Drawings
Prepare detailed superstructure drawings
Candraft Detailing, Inc.
Toronto, Ontario
Step 2

Florida, USA (PST + 03:00)
Detailed Drawing 1
Prepare detailed superstructure drawings
Tensor Engineering
Orlando, Florida
Step 2

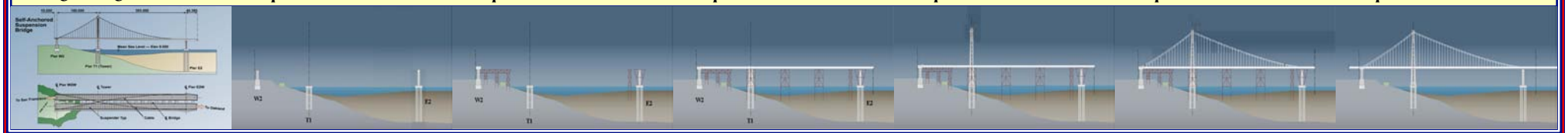
Texas, USA (PST + 02:00)
T1 Footing Box and Template
Furnish T1 footing box and template
Kiewit Offshore Services
Ingleside, TX
Step 1

England, U.K. (PST + 08:00)
High Strength Prestressing Bars
Furnish high strength prestressing bars
Macalloy Limited
Sheffield, England
Step 11

Construction Summary Schedule
Self-Anchored-Suspension Bridge

Step	Bay Bridge Construction Activities
1	Complete E2/T1 Foundations and Piers
2	Prepare Detailed Superstructure Drawings
3	Fabricate Deck Temporary Supports
4	Erect Deck Temporary Supports
5	Fabricate Deck Segments
6	Erect Deck Segments
7	Fabricate Bridge Tower
8	Erect Bridge Tower
9	Fabricate Cable and Suspender Systems
10	Erect Cable and Suspender Systems
11	Complete Bridge & Roadway Work
12	Open Traffic to West Bound
13	Open Traffic to East Bound

Bridge Diagram	Step 1	Steps 3 & 4	Steps 5 & 6	Steps 7 & 8	Steps 9 & 10	Steps 11 - 13



SAN FRANCISCO - OAKLAND

BAY BRIDGE SEISMIC SAFETY PROJECT

Key Fabricators and Suppliers