



Memorandum

AGENDA ITEM 6

DATE: August 28, 2025

TO: Transportation Authority Board

FROM: Carl Holmes – Deputy Director for Capital Projects

SUBJECT: 09/09/25 Board Meeting: Authorize an Additional Construction Allotment of \$9,635,000; Approve a Contract Amendment with WMH Corporation in the Amount of \$200,000; Approve a Contract Amendment with WSP USA, Inc. in the Amount of \$665,000 for the West Side Bridges Seismic Retrofit Project

<p>RECOMMENDATION <input type="checkbox"/> Information <input checked="" type="checkbox"/> Action</p> <ul style="list-style-type: none">• Authorize an additional construction allotment of \$9,635,000 for the West Side Bridges Seismic Retrofit Project (Project)• Approve a contract amendment with WMH Corporation (WMH) to increase the contract by \$200,000, to a revised not to exceed amount of \$18,120,000, to perform design services during construction for the Project• Approve a contract amendment with WSP USA, Inc. (WSP) to increase the contract by \$665,000, to a revised not to exceed amount of \$12,156,292, to perform construction management services for the Project• Authorize the Executive Director to negotiate and modify contract payment terms and non-material terms and conditions <p>SUMMARY</p> <p>The Transportation Authority is leading and administering construction work for the Project on behalf of the Treasure Island Development Authority (TIDA). In November 2024, the Transportation Authority secured an additional \$10,500,000 for the West Side Bridges Project, consisting of \$5,500,000 in federal Housing Incentive Pool (HIP) program funding from the Metropolitan Transportation Commission (MTC) and \$4,500,000 in Bay Area Toll Authority (BATA) funding, and in July 2025 the agency secured an additional \$500,000 in TIDA funding for the Project. The additional funding will allow the construction of Retaining Wall 1C, Retaining Wall 4, the Yerba</p>	<ul style="list-style-type: none"><input type="checkbox"/> Fund Allocation<input type="checkbox"/> Fund Programming<input type="checkbox"/> Policy/Legislation<input type="checkbox"/> Plan/Study<input checked="" type="checkbox"/> Capital Project Oversight/Delivery<input type="checkbox"/> Budget/Finance<input checked="" type="checkbox"/> Contract/Agreement<input type="checkbox"/> Other: _____
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Buena Island Multi-use Pathway (MUP) through the Project limits, and additional Joint Trench work. Building the two retaining walls now will save approximately \$10 million in future demolition costs, increase construction efficiencies, and reduce future construction impacts. Additionally, contract amendments with WMH and WSP have been negotiated to provide design services during construction and construction management services for this additional work, respectively.	
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BACKGROUND

The Project is located on Yerba Buena Island (YBI) and includes the following: 1) replace seven seismically deficient bridges and retrofit one bridge with a realigned roadway and retaining walls; 2) a transit-only access on-ramp; and now with additional funding secured 3) Retaining Wall 1C, Retaining Wall 4, the MUP through the Project limits, and additional Joint Trench work. Retaining Wall 1C and Retaining Wall 4 will facilitate the construction of the MUP, and the Joint Trench includes electrical and communication utilities for the Project and for YBI.

This project is challenging to implement, given its unique location along the western edge of YBI and along steep terrain on the hillside overlooking the San Francisco Bay. In addition to the challenging location, the project presents numerous complex structural challenges (bridge/retaining wall foundations) and geotechnical challenges (unstable soils), as well as difficult construction access (very steep terrain) and environmental constraints (construction adjacent to and above the San Francisco Bay). As such, the Project is being delivered using the Construction Manager/General Contractor project delivery method, as authorized by Assembly Bill 2374 and approved by the Board in March 2018 through Resolution 18-42.

The original scope of the Project included the two retaining walls that would have accommodated the future YBI MUP project. These walls were included in the environmental clearance and in the design contract; however, these two longer walls were scaled back due to lack of available funding. Instead, the initial construction contract included one shorter wall that would need to be extended and one interim wall that would have to be demolished and reconstructed by the future YBI MUP project. In November 2024, we secured an additional \$10,000,000 for the Project, consisting of \$5,500,000 in HIP funding and \$4,500,000 in BATA funding, and in July 2025 we secured an additional \$500,000 in TIDA funding for the Project.

The Project's budget now totals \$126,400,288 and is funded with: federal Highway Bridge Program funds, Rebuilding American Infrastructure with Sustainability and Equity (RAISE) funds, and a federal earmark; state Proposition 1B and Local Partnership Program funds; Prop K sales tax funds approved through Resolution 23-22; and TIDA, BATA, and HIP funding. The Project's construction phase funding plan is included as Attachment 1. The Project started construction in summer 2023 and is 63 percent complete as of the end of July 2025. We



anticipate construction to be completed by the end of calendar year 2026, with Project closeout following in 2027.

We plan to transfer any remaining funds to the YBI Treasure Island Road Improvement project, which includes a segment of the YBI MUP project. Based on a recent budget analysis of the Project, we have determined that Project contingency funds can be used to cover the cost of Retaining Wall 4, rather than HIP funds. This will allow the transfer of \$2,267,000 of the HIP funding to the YBI Treasure Island Road Improvement project. Upon this transfer, the Project's budget and funding plan will be reduced by \$2,267,000. As administrator of the HIP funds, MTC staff is supportive of the aforementioned HIP transfer.

DISCUSSION

Additional Construction Allotment. In March 2023, through Resolution 23-39, the Transportation Authority awarded a base construction contract to Golden State Bridge/Obayashi Joint Venture (GSB/Obayashi JV) in an amount not to exceed \$84,399,951 and authorized an additional construction allotment of \$15,188,818. Funding above the base construction contract with GSB/Obayashi JV is included in the Construction Phase budget as additional construction allotment. We are proposing to increase the additional construction allotment by \$9,635,000, to a revised amount not to exceed \$24,823,818. This additional amount will be used to construct Retaining Wall 1C, Retaining Wall 4, the MUP through the Project limits, additional Joint Trench, other construction contract changes, and additional construction support services. Building the longer retaining walls now will save approximately \$10 million in future demolition costs, increase construction efficiencies, and reduce future construction impacts. A list of supplemental work items, agency furnished materials, and finance costs is included in Attachment 2.

WMH Contract Amendment. In December 2010, through Resolution 11-28, the Transportation Authority Board awarded a two-year contract in the amount of \$1,600,000 to WMH for engineering and environmental services to produce the necessary documentation to prepare the Seismic Strategy Reports, environmental documentation, and preliminary design for the YBI Westside Bridges Project. The original Request for Qualifications for engineering and environmental services stated that the Project was envisioned as a three-phase effort and included the option to amend the contract for Phase 2 (environmental) and Phase 3 (final design efforts, including design services during construction) based on adequate funding and satisfactory performance. From February 2012 through July 2021, the Transportation Authority Board increased the contract with WMH by a total of \$13,850,000 (Resolution 12-34, Resolution 15-18, Resolution 19-17) to conduct Phase 2 and 3 services (environmental, preliminary engineering and final design) for the project, including a re-scoping of the Project as a result of Caltrans' changes to the Project funding plan. In March 2023, through Resolution 23-39, the Transportation Authority Board increased the contract by \$2,470,000, to a total amount not to exceed \$17,920,000 and extended the contract through December 31, 2026.



Concurrent with the recommendation to increase the additional construction allotment, we are seeking approval to increase the WMH contract amount by \$200,000, for a total amount not to exceed \$18,120,000, and extend the contract through June 30, 2027. The proposed contract amendment scope of services is included as Attachment 3.

To date, WMH has exceeded its 12% DBE goal and maintained a 24.3% DBE participation through June 30, 2025, from three sub-consultants: Subcontinent Asian American-owned firm, Earth Mechanics, Inc.; Asian Pacific American-owned firm, MGE Engineering, Inc.; and female-owned firm, Bennett/Y&C.

WSP Contract Amendment. In July 2017, the Transportation Authority Board awarded a four-year professional services contract to WSP in an amount not to exceed \$5,500,000 for construction management services for the Project. In March 2023, through Resolution 23-39, the Board increased the contract by \$5,991,292, to a total amount not to exceed \$11,491,292, and extended the contract through December 31, 2029.

Concurrent with the recommendation to increase the additional construction allotment by \$9,635,000, we are seeking approval to increase the WSP contract amount by \$665,000, to a total amount not to exceed \$12,156,292. The proposed contract amendment scope of services is included as Attachment 4.

To date, WSP has exceeded its 10.2% DBE goal and maintained a 14.0% DBE participation through June 30, 2025, from four sub-consultants: San Francisco-based and African American-owned firms, BioMaAs, Inc. and Transamerican Engineers & Associates; Asian-Pacific American and female-owned firm, Inspection Services, Inc.; and female-owned firm, KL Bartlett Consulting.

Budget. The overall Project Construction Phase Budget of \$126,400,288 is shown on the following table:

Project Construction Phase Budget

Budget Item	Budget Amount
Base Construction Contract	\$ 84,399,951
Additional Construction Allotment	\$ 24,823,818
Construction Engineering	\$ 17,176,519
Total Construction Budget	\$ 126,400,288

Upon the transfer of \$2,267,000 in HIP funds to the YBI Treasure Island Road Improvement project (discussed above), the Westside Bridges Project budget and funding plan will be reduced by \$2,267,000.

Schedule. The Project schedule is projected as follows:



- Award and Executed Construction Contract – April 2023
- Construction Start – June 2023
- Construction Completion – December 2026
- Project Closeout – December 2027
- Performance Measurement Reporting Completed – December 2029

FINANCIAL IMPACT

The proposed construction phase contracts will be funded by the various federal, state and local funding sources, including Prop K, discussed above and listed in Attachment 1. Funding has been included in budgets through FY 2025/26 and will be included in future budgets to cover the remaining cost of the contracts. As noted above, we plan to transfer any remaining funds to the YBI Treasure Island Road Improvement project, which includes a segment of the YBI MUP project. Based on a recent budget analysis of the Project, we have determined that Project contingency funds can be used to cover the cost of Retaining Wall 4, rather than HIP funds. This will allow the transfer of \$2,267,000 of the HIP funding secured in November 2024 to the YBI Treasure Island Road Improvement project. The Project budget will be decreased by a like amount at that time.

CAC POSITION

The CAC will consider this item at its September 3, 2025, meeting.

SUPPLEMENTAL MATERIALS

- Attachment 1 – Westside Bridges Seismic Retrofit Project Construction Phase Funding Plan
- Attachment 2 – Supplemental Work Items/Agency Furnished Materials/Finance Costs – Budgeted Costs
- Attachment 3 – Scope of Services for WMH Contract Amendment
- Attachment 4 – Scope of Services for WSP Contract Amendment

Attachment 1
West Side Bridges Construction Phase Funding Plan

Project Construction Phase Funding - Source	Amount
Federal Highway Bridge Program	\$ 59,135,737
State Prop 1B Local Bridge Seismic	\$ 7,104,551
Federal RAISE grant	\$ 18,000,000
Bay Area Toll Authority	\$ 6,500,000
San Francisco share SB 1 Local Partnership Program Formula funds	\$ 4,056,000
Bay Area Toll Authority share SB 1 Local Partnership Program Formula funds	\$ 5,000,000
TIDA	\$ 3,505,000
TIDA - Joint Trench Work	\$ 500,000
Prop K (via OBAG fund exchange)	\$ 14,899,000
Federal Earmark	\$ 2,200,000
Federal Housing Incentive Pool (HIP)	\$ 5,500,000
Total Funding¹	\$ 126,400,288

¹ Any remaining funds are planned to be transferred to the Yerba Buena Island (YBI) Treasure Island Road Improvement project, which includes a segment of the YBI Multi-Use Pathway project. Based on a recent budget analysis of the Project, we have determined \$2,267,000 of Federal HIP funds can be transferred to the YBI Treasure Island Road Improvement project. As administrator of the HIP funds, Metropolitan Transportation Commission staff is supportive of the aforementioned HIP transfer.

ATTACHMENT 2

SUPPLEMENTAL WORK ITEMS/AGENCY FURNISHED MATERIALS & EXPENSES /FINANCE COST - BUDGETED COSTS

SUPPLEMENTAL WORK ITEMS		TOTAL
1	PARTNERING	\$80,000.00
2	FEDERAL TRAINEE PROGRAM	\$21,544.00
3	BIRD PROTECTION	\$150,000.00
4	MAINTAIN TRAFFIC	\$250,000.00
5	ADDITIONAL PAVING ASPHALT	\$100,000.00
6	GROUND ANCHOR (TIEBACK)/SOIL NAIL/OVERBREAK	\$125,000.00
7	REMOVE UNSUITABLE MATERIAL	\$200,000.00
8	REMOVE BURIED MANMADE OBJECTS	\$300,000.00
9	UNFORSEEN SITE CONDITIONS	\$400,000.00
10	ADDITIONAL EXCAVATION AND/OR BACKFILL	\$200,000.00
11	ADDITIONAL WATER POLLUTION CONTROL/ANNUAL PERMIT FEE	\$400,000.00
12	STORM WATER SAMPLING AND ANALYSIS	\$50,000.00
13	WATERLINE/TEMP WALL FINAL DESIGN DETAILS	\$125,000.00
TOTAL SUPPLEMENTAL WORK ITEMS		\$2,401,544.00

AGENCY FURNISHED MATERIALS AND EXPENSES		TOTAL
1	COZEEP CONTRACT	\$60,000.00
2	TRAFFIC MANAGEMENT PLAN PUBLIC INFORMATION	\$100,000.00
4	RESIDENT ENGINEERS OFFICE	\$450,000.00
5	MONUMENT DISC	\$15,000.00
6	CONTRACTOR YARD	\$1,356,233.00
7	SFPUC ELECTRICAL INSTALL/TRANSFORMER	\$275,000.00
8	SFPUC WATERLINE TIE IN WORK	\$150,000.00
TOTAL AGENCY FURNISHED MATERIALS AND EXPENSES		\$2,406,233.00

TOTAL SUPPLEMENTAL WORK ITEMS AND AGENCY FURNISHED MATERIALS	\$ 4,807,777.00
CONTINGENCY	\$ 18,101,041.00
FINANCE BUDGET	\$ 1,915,000.00
ADDITIONAL CONSTRUCTION ALLOTMENT SUBTOTAL	\$ 24,823,818.00
CONSTRUCTION CONTRACT	\$ 84,399,951.00
TOTAL CONSTRUCTION ALLOTMENT	\$109,223,769.00

ATTACHMENT 3

YERBA BUENA ISLAND WESTSIDE BRIDGES PROJECT DESIGN SERVICES DURING CONSTRUCTION

SCOPE OF WORK

Task 1 – Design Services During Construction (DSDC)

WMH Corporation (CONTRACTOR) and its subcontractors shall perform the following construction phase services as required up to the not-to-exceed contract limit for the original Westside Bridges Project scope of work as well as the additional scope of work including Retaining Wall 1C, Retaining Wall 4, the Multi-use Path through the Westside Bridges project limits, additional Joint Trench and other construction contract changes.

1.1. Project Management and Administration

CONTRACTOR shall provide continued overall project management and administrative services in support of the construction phase work. Construction duration is assumed to be 42 months. This may include the following effort:

- a. Project organization and technical oversight. This will be based upon the contractor's construction schedule - provided to CONTRACTOR by San Francisco County Transportation Authority (SFCTA)'s Resident Engineer (RE).
- b. Direct and coordinate the work of associated firms and subconsultants to ensure timely provision of staff, resources, and responses.
- c. Prepare and submit monthly progress reports to SFCTA as part of each invoice submittal
- d. Prepare and submit monthly invoices to SFCTA.
- e. Periodic visits to the construction site.
- f. Route construction related technical correspondence utilizing the RE's SharePoint site. Record all written incoming and outgoing construction correspondence. Maintain technical project files.

1.2. Meetings

Prepare for and attend construction meetings, stakeholder agency meetings, and technical meetings.

1.3. Requests For Information

CONTRACTOR shall review and respond to written Requests-for-Information (RFIs), as defined below, and as requested by SFCTA's RE per the RE's Project SharePoint site.

RFI definition:

RFIs may only be submitted by the Prime Contractor. RFIs may not come directly from a contractor's subcontractor. RFIs must be in writing and may only be submitted on a RFI form, which is pre-

approved by the SFCTA's Project Manager. The contractor shall clearly and concisely set forth the issue for which clarification or interpretation is sought and why a response is needed. In the RFI, the contractor shall set forth their own interpretation or understanding of the requirement along with reasons why they have reached such an understanding.

The CONTRACTOR will utilize the RE's SharePoint site to respond to RFIs as follows:

- The RE shall send an e-mail notification to the CONTRACTOR of a new RFI that is located on the Project SharePoint site.
- CONTRACTOR will evaluate the request and engage the appropriate Design Team members to respond
- The Design Team will prepare and submit a Response to the RE for the RFI, including any necessary attachments, calculations, etc.
- The RE will review the Design Team response. If the RE concurs with the response, the Design Team will sign the Response, and then the RE will forward it to the contractor via SharePoint.
- If the RE has further comments, the Design Team will reevaluate and revise the response, and resubmit to the RE.
- This process will repeat until a satisfactory response is agreed upon by the RE and Design Team.

The CONTRACTOR shall respond to each RFI within 5 working days of receipt of notification. If the CONTRACTOR requires additional time for review, then such need will be identified in the response.

CONTRACTOR shall utilize the RE's SharePoint site to communicate, route and respond to all RFIs.

CONTRACTOR shall provide design clarifications and technical support to RE, as required.

All RFI review comments shall be tracked within the RE's SharePoint Project site.

9.4. Construction Submittals

CONTRACTOR shall review and respond to construction submittals as provided by the RE. The CONTRACTOR shall respond to each submittal within 5 working days of receipt, unless otherwise stated. If the CONTRACTOR requires additional time for review then such need will be identified in the response. All Submittal review comments shall be tracked within the RE's SharePoint Project site. The revise and concurrence process will be similar to the RFI process described above.

Submittals may include but not limited to:

- Material samples
- Mock-up samples
- Catalog cuts
- Storage handling plans
- Operation plans
- Schedules
- Shop drawings
- Temporary structure plans

9.5. Geotechnical Engineering / Hazardous Materials Support

CONTRACTOR shall provide geotechnical engineering technical support during construction. Technical support will be provided as necessary for large excavations and backfill, retaining walls, undercrossing and bridge #1.

CONTRACTOR shall provide hazardous materials technical support as necessary for excavated soil that may be placed or processed on Treasure Island, buried within the Project limits, or hauled off-site.

9.6. Contract Change Orders

The CONTRACTOR shall review and respond to contract change order proposals as provided by the RE, and agreed to by the SFCTA project manager.

The CONTRACTOR shall respond to each proposal within 5 working days of receipt. If the CONTRACTOR requires additional time for review then such need will be identified in the response.

If the RE directs the CONTRACTOR to proceed with the contract change order, and it is also approved in advance by the SFCTA Project Manager, CONTRACTOR shall assist with the preparation of contract change order

packages, including revisions to contract plans, quantities, and technical specifications.

CONTRACTOR may be asked by the RE or the SFCTA Project Manager to review a Cost Reduction Incentive Proposal (a.k.a. Value Engineering Change Proposal) generated by the construction contractor. The CONTRACTOR shall respond to each such proposal within 10 working days of receipt. If the CONTRACTOR requires additional time for review then the need will be identified in the response.

CONTRACTOR shall prepare Contract Change Orders to incorporate relevant review comments and responses - as part of the approved City Permit design package. The CONTRACTOR requires 15 days to provide these contract change order packages following request by RE and SFCTA Project Manager to proceed.

CONTRACTOR may prepare Contract Change Orders to incorporate elements of work that were previously removed in development of the "Refined" project. The CONTRACTOR requires 15 days to provide these contract change order packages following request by RE and SFCTA Project Manager to proceed.

9.7. As-Built Plans (Record Drawings)

CONTRACTOR shall prepare final As-Built Plans electronically based upon the red-line drawings provided by the RE, in accordance with Caltrans drafting format and standards.

9.8. Closeout Activities

CONTRACTOR shall assist in performing closeout activities so that the Project may be completed in its entirety.

9.9. Miscellaneous Additional Services

The CONTRACTOR shall perform additional construction support services as directed by SFCTA. This may include the review of alternative construction methods, additional meetings, Treasure Island Community Development (TICD) coordination for adjacent projects, Hillcrest Road Widening project coordination, Multi-use Pathway project coordination, toll system integrator support, and/or assistance with Caltrans and City Agencies.

ATTACHMENT 4

YERBA BUENA ISLAND WESTSIDE BRIDGES PROJECT WSP CONSTRUCTION MANAGEMENT SERVICES

SCOPE OF WORK

Construction Phase Services

WSP shall perform construction management services as follows up to the not-to-exceed contract limit for the original Westside Bridges Project scope of work as well as the additional scope of work including Retaining Wall 1C, Retaining Wall 4, the Multi-use Path through the Westside Bridges project limits, additional Joint Trench and other construction contract changes.

- Process construction contract for execution by the contractor.
- Arrange for, coordinate and conduct a pre-construction conference, including preparation of meeting minutes.
- Complete review, comment and approval of the Construction Contractor's baseline schedule of work.
- Perform all necessary construction administration functions as required by the Transportation Authority's Construction Contract Administration Procedures, Caltrans Standard Specifications, the project Special Provisions, and Caltrans Construction and Local Assistance Procedures Manual including:
 - Perform all required field inspection activities, monitor contractor's performance and enforce all requirements of applicable codes, specifications, and contract drawings.
 - Provide inspectors for day-to-day on the job observation/inspection of work. The inspectors shall make reasonable efforts to guard against defects and deficiencies in the work of the Construction Contractor and to ensure that provisions of the contract documents are being met.
 - Prepare daily inspection reports documenting observed construction activities.
 - Hold weekly progress meetings, weekly or as deemed necessary, between contractors, the Transportation Authority, Caltrans oversight, U.S. Coast Guard (USCG), Treasure Island Development Authority (TIDA), the City and County of San Francisco, and other interested parties. Prepare and distribute minutes of all meetings.
 - Take photographs and videotape recordings of pre-construction field conditions, during construction progress, and post construction conditions.
 - Prepare and recommend contractor progress payments including measurements of bid items. Negotiate differences over the amount with the contractor and process payments through the Transportation Authority Project Manager.
 - Monitor project budget, purchases and payment.

YERBA BUENA ISLAND WESTSIDE BRIDGES PROJECT WSP CONSTRUCTION MANAGEMENT SERVICES

SCOPE OF WORK

- Prepare monthly progress reports documenting the progress of construction describing key issues cost status and schedule status.
- Prepare quarterly project status newsletters.
- Establish and process project control documents including:
 - Daily inspection diaries
 - Weekly progress reports
 - Monthly construction payments
 - Requests for Information (RFI)
 - Material certifications
 - Material Submittals
 - Weekly Statement of Working Days
 - Construction Change Orders
 - Review of certified payrolls
- Review of construction schedule updates:
 - Review construction contractor's monthly updates incorporating actual progress, weather delays and change order impacts. Compare work progress with planned schedule and notify construction contractor of project slippage. Review Construction Contractor's plan to mitigate schedule delay. Analyze the schedule to determine the impact of weather and change orders.
- Evaluate, negotiate, recommend, and prepare change orders. Perform quantity and cost analysis as required for negotiation of change orders.
- Analyze additional compensation claims submitted by the Construction Contractor and prepare responses. Perform claims administration including coordinating and monitoring claims responses, logging claims and tracking claims status.
- Process all Construction Contractor submittals and monitor design consultant and Caltrans and/or City review activities.
 - Review, comment and facilitate responses to RFI's. Prepare responses to RFI on construction issues. Transmit design related RFI's to designer. Conduct meetings with Construction Contractor and other parties as necessary to discuss and resolve RFI's.
- Act as construction project coordinator and the point of contact for all communications and interaction with the Construction Contractor, Caltrans, USCG, TIDA, the City, US Navy, project designer and all affected parties.
- Schedule, manage and perform construction staking in accordance with the methods, procedures and requirements of Caltrans Surveys Manual and Caltrans Staking Information Booklet.

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SCOPE OF WORK

- Schedule, manage, perform and document all field and laboratory testing services. Ensure the Construction Contractor furnishes Certificates of Compliance or source release tags with the applicable delivered materials at the project site. Materials testing shall conform to the requirements and frequencies as defined in the Transportation Authority's Construction Contract Administration Procedures, Caltrans Construction Manual and the Caltrans Materials Testing Manuals.
- Coordinate and meet construction oversight requirements of Caltrans, USCG, TIDA, and the City for work being performed within the respective jurisdictions. Construction Manager shall be responsible for coordinating with Caltrans, USCG, TIDA and the City regarding traffic control measures, press releases, responses to public inquiries, and complaints regarding the project.
- Oversee environmental mitigation monitoring performed under a separate contract by the Transportation Authority's design and environmental consultant team. Monitor and enforce Construction Contractor SWPPP compliance.
- Enforce safety and health requirements and applicable regulations for the protection of the public and project personnel.
- Facilitate all necessary utility coordination with respective utility companies.
- Provide coordination and review of Construction Contractor's detours and staging plans with Caltrans, and SFOBB construction management staff.
- Maintain construction documents per Federal and State requirements. Enforce Labor Compliance requirements.
- Quality Assurance/Quality Control (QA/QC) – Establish and implement a QA/QC procedure for construction management activities undertaken by in-house staff and by subconsultants. The QA/QC procedure set forth for the project shall be consistent with Caltrans' most recent version of the "Guidelines for Quality Control/Quality Assurance for Project Delivery". Enforce Quality Assurance requirements.
- Perform all construction administrative activities, including correspondence and document control in an electronic format (i.e. "Paperless" Contract Administration) utilizing SharePoint, Pavia, Bid Express, PlanGrid, and Adobe Creative Cloud. Strive to minimize paper usage.
- Perform field inspection activities, monitor contractor's performance and enforce all requirements of applicable codes, specifications, and contract drawings in an electronic format (i.e. "Paperless" Contract Administration).

YERBA BUENA ISLAND WESTSIDE BRIDGES PROJECT WSP CONSTRUCTION MANAGEMENT SERVICES

SCOPE OF WORK

Post-Construction Services

- Perform Post Construction Phase activities including:
 - Prepare initial punch list and final punch list items.
 - Finalize all bid item, claims, and change orders. Provide contract change order documentation to project designer. Coordinate preparation of record drawings (as-built drawings) by project designer.
 - Provide final inspection services and project closeout activities, including preparation of a final construction project report per Federal and State requirements.
 - Turn all required construction documents over to Transportation Authority, City, TIDA and Caltrans for archiving.

General Project Administration

The Construction Manager will also perform the following general project administrative duties:

- Prepare a monthly summary of total construction management service charges made to each task. This summary shall present the contract budget for each task, any re-allocated budget amounts, the prior billing amount, the current billing, total billed to date, and a total percent billed to date. Narratives will contain a brief analysis of budget-to-actual expenditure variances, highlighting any items of potential concern for Transportation Authority consideration before an item becomes a funding issue.
- Provide a summary table in the format determined by the Transportation Authority indicating the amount of DBE firm participation each month based upon current billing and total billed to date.
- Provide a monthly invoice in the standard format determined by the Transportation Authority that will present charges by task, by staff members at agreed-upon hourly rates, with summary expense charges and subconsultant charges. Detailed support documentation for all Construction Manager direct expenses and subconsultant charges will be attached.

The Construction Manager shall demonstrate the availability of qualified personnel to perform construction engineering and construction contract administration.

The Construction Manager shall maintain a suitable construction field office in the project area for the duration of the project. Under a separate contract with the Transportation Authority, the Construction Contractor will be required to provide a construction office for the construction management team's use which shall include desks, layout table, phone, computers, fax machine, reproduction machine, file cabinets and for use for weekly construction meetings.

YERBA BUENA ISLAND WESTSIDE BRIDGES PROJECT WSP CONSTRUCTION MANAGEMENT SERVICES

SCOPE OF WORK

The Construction Manager shall provide all necessary safety equipment required for their personnel to perform the work efficiently and safely. The Construction Manager personnel shall be provided with radio or cellular- equipped vehicles, digital camera, and personal protective equipment suitable for the location and nature of work involved.

The Construction Manager shall provide for the consultant field personnel a fully operable, maintained and fueled pick-up truck which is suitable for the location and nature of work to be performed (automobiles and vans without side windows are not suitable). Each vehicle shall be equipped with an amber flashing warning light visible from the rear and having a driver control switch.

The Construction Manager field personnel shall perform services in accordance with Caltrans and FHWA criteria and guidelines and subject to the following general requirements:

All reports, calculations, measurements, test data and other documentation shall be prepared on forms specified and/or consistent with Caltrans standards.