



RESOLUTION INCREASING THE AMOUNT OF THE PROFESSIONAL SERVICES CONTRACT WITH PARSONS BRINCKERHOFF, INC. BY \$820,000, TO A TOTAL AMOUNT NOT TO EXCEED \$8,470,000, TO COMPLETE CONSTRUCTION SUPPORT SERVICES FOR THE I-80/YERBA BUENA ISLAND RAMPS IMPROVEMENT PROJECT, AND AUTHORIZING THE EXECUTIVE DIRECTOR TO MODIFY CONTRACT PAYMENT TERMS AND NON-MATERIAL CONTRACT TERMS AND CONDITIONS

WHEREAS, The Transportation Authority is working jointly with the Treasure Island Development Authority (TIDA) on the development of the I-80/Yerba Buena Island (YBI) Interchange Improvement Project; and

WHEREAS, The scope of the project includes two major components: 1) the I-80/YBI Ramps Improvement Project (YBI Ramps Project); and 2) the seismic retrofit of the existing YBI Bridge Structures on the west side of the island, which is a critical component of island traffic circulation leading to and from the SFOBB; and

WHEREAS, the YBI Ramps Project consists of Phase 1 to replace the existing westbound on- and off-ramps located on the east side of YBI with new westbound on- and off-ramps that would improve the functional roles of the current ramps, and Phase 2 to implement critical improvements to realign Southgate Road; and

WHEREAS, In July 2013, through Resolution 14-02, the Transportation Authority awarded a contract to Parsons Brinckerhoff, Inc. (Parsons Brinckerhoff) in an amount not to exceed \$6,300,000 for construction support services including construction inspection and testing for the YBI Ramps Project; and

WHEREAS, In October 2015, through Resolution 16-16, the Transportation Authority increased the Parsons Brinckerhoff contract amount to \$7,650,000 to provide design support services



during construction; and

WHEREAS, In October 2016, the project reached a significant milestone with the opening of the I-80/YBI Ramps to traffic and construction of Phase 1 is approximately 97% complete, it is an appropriate time to assess the remaining effort for Parsons Brinckerhoff to close out the Phase 1 project; and

WHEREAS, The estimated cost for Parsons Brinckerhoff to complete its construction support services (Attachment 1) and close out of Phase 1 of the project is \$820,000 with completion anticipated by December 31, 2017; and

WHEREAS, Three significant items have been added to the scope the project which are 1) landscaping, 2) Vista Point improvements and associated coordination with the opening of the bicycle and pedestrian path on the east span of the San Francisco-Oakland Bay Bridge, and 3) Southgate Road Realignment Improvements, and require additional construction support services from Parsons Brinckerhoff; and

WHEREAS, This contract amendment is contingent on the allocation of additional federal and state funds for the project, anticipated to be allocated by Caltrans in April 2017; and

WHEREAS, This consultant contract amendment will be fully reimbursed by a combination of Federal Highway Bridge Program, State Prop 1B Seismic Retrofit and Bay Area Toll Authority funds and will be included in the Transportation Authority's mid-year budget amendment; and

WHEREAS, At its February 22, 2017 meeting, the Citizens Advisory Committee considered and unanimously adopted a motion of support for the staff recommendation; now, therefore, be it

RESOLVED, That the Transportation Authority hereby increases the amount of the professional services contract with Parsons Brinckerhoff by \$820,000, to a total amount not to exceed \$8,470,000 for construction support services; and be it further

RESOLVED, That the Executive Director is hereby authorized to negotiate contract payment



terms and non-material contract terms and conditions; and be it further

RESOLVED, That for the purposes of this resolution, “non-material” shall mean contract terms and conditions other than provisions related to the overall contract amount, terms of payment, and general scope of services; and be it further

RESOLVED, That notwithstanding the foregoing and any rule or policy of the Transportation Authority to the contrary, the Executive Director is expressly authorized to execute agreements and amendments to agreements that do not cause the total agreement value, as approved herein, to be exceeded and that do not expand the general scope of services.

Attachment:

1. Scope of Services



The foregoing Resolution was approved and adopted by the San Francisco County Transportation Authority at a regularly scheduled meeting thereof, this 21st day of March, 2017, by the following votes:

Ayes: Commissioners Breed, Fewer, Kim, Peskin, Ronen, Safai and Tang (7)

Nays: (0)

Absent: Commissioners Cohen, Farrell, Sheehy and Yee (4)

 3-21-17

Aaron Peskin
Chair

Date

ATTEST:

 3/24/17

Tilly Chang
Executive Director

Date

Attachment 1

Scope of Services

Contractor shall provide the necessary full construction management services for the I-80/YBI Ramps Project in San Francisco, California. The construction management contract for the YBI Ramps Project will consist of a three-phase effort with Phase 1 consisting of pre-construction services; Phase 2 consisting of construction phase management services, and Phase 3 consisting of post construction phase services.

The construction management (CM) services required will include:

TASK 1 – PRE-CONSTRUCTION SERVICES (Completed)

- Perform constructability / biddability review of the construction contract documents (construction plans, special provisions, bid proposal and relevant information) for the project and submit a constructability report on discrepancies, inconsistencies, omissions, ambiguities, proposed changes and recommendations.
- Prepare a detailed Critical Path Method (CPM) construction schedule including pre-construction and construction activities.
- Management of the construction contract bidding phase; and management of the pre-bid conference and bid opening procedures including review of bids, bid bonds, insurance certificates and related contractor bid proposal submittals; and assist the Transportation Authority in selecting the recommended lowest qualified bidder.
- 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.
- Review and comment on Transportation Authority's construction contract administration procedures and policies.

TASK 2 – CONSTRUCTION PHASE SERVICES (Ongoing)

- 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 Programs 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, TIDA, the City 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.
- Prepare monthly progress reports documenting the progress of construction describing key issues cost status and schedule status.
- Prepare quarterly project status newsletters and issue press releases for project milestones. Provide one groundbreaking ceremony and one ribbon cutting ceremony. (Completed)
- 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
 - State Compliance Monitoring Unit to review contractor 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. (Completed)
- 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 review activities.
- Review contractor's falsework and shoring submittals. (Completed)
- 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, US Coast Guard, 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.

- 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.
- Prepare / submit a Source Inspection Quality Management Plan (SIQMP) to Caltrans and perform source inspection of commercial materials per the approved SIQMP. (Completed)
- Coordinate and meet construction oversight requirements of Caltrans, US Coast Guard, TIDA, the City and the US Navy for work being performed within the respective jurisdictions. Construction Manager shall be responsible for coordinating with Caltrans, US Coast Guard, TIDA and the City regarding traffic control measures, press releases, responses to public inquiries, and complaints regarding the project.
- Monitor contractor's safety and health program for compliance with applicable regulations for the protection of the public and project personnel. Report any noted deficiencies to the contractor.
- Facilitate all necessary utility coordination with respective utility companies.
- Provide coordination and review of Construction Contractor's detours and staging plans with Caltrans, and San Francisco Bay Bridge 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.
- Oversee environmental mitigation monitoring. Review contractor environmental deliverables and track compliance with project permits. (Completed)
 - Review construction documents and project permits to familiarize staff with anticipated issues and required surveys and monitoring schedules. (Completed)
 - Provide written and photo and/or video documentation of pre-construction field conditions for phases of construction with regards to environmental resource protection. A total of 4 site visits are anticipated, with 2 visits per construction year. (Completed)
 - Conduct nesting bird surveys for all vegetation removal activities, and for the moving of the historical buildings. If active nests are encountered coordinate with and state and federal agencies as needed to ensure compliance with the federal Migratory Bird Treaty Act and project permits. A total of 8 site visits are anticipated, with 4 visits per construction year. (Completed)
- Monitor and enforce Construction Contractor SWPPP compliance.

- Provide additional CM services per Amendment A: (ADDITIONAL SERVICES)
 - Coordinate building permit and resolve design/City issues related to the relocation of Quarters 10 and Building 267 to Clipper Cove. (Completed)
 - Provide time lapse photography and web-based photography management system. (Completed)
 - Provide 3.5 months additional CM services, mitigative efforts, and change orders associated with species protection/compliance with the Federal Migratory Bird Treaty Act. Mitigate project delays caused by nesting birds.(Completed)
 - Provide expedited submittal reviews required to mitigate project delays caused by nesting birds. (Completed)
 - Provide additional source inspection for Glass Fiber Reinforced Concrete Architectural Cladding
 - Provide coordination, change order, source inspection necessitated by Caltrans – directed change from modular bridge expansion joints to specialized seismic bridge expansion joints. (Completed)
 - Provide additional utility coordination to identify existing utilities and to relocate these utilities. Provide detailed coordination with San Francisco Public Utilities Commission Water and Power. (Completed)
 - Provide coordination and CM services related to construction staging changes requested by United States Coast Guard and Caltrans.
- Provide additional CM services per Amendment B: (ADDITIONAL SERVICES)
 - Provide 12 months additional CM services primarily focused on Glass Filter Reinforced Concrete Architectural Cladding, Irrigation and Landscaping, Vista Point improvements, and Southgate Road advanced improvements.

TASK 3 – 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 and Caltrans for archiving.

GENERAL PROJECT ADMINISTRATION

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

- a) 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.

- b) 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.
- c) 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 trailer 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. 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.

All construction management services and construction work must comply with the requirements of the Transportation Authority, Caltrans, U.S. Coast Guard and TIDA. The Construction Manager will report directly to Eric Cordoba, the Transportation Authority's Project Manager.

The Construction Manager shall demonstrate competency in all fields of expertise required by this RFP. The Transportation Authority is undertaking this effort in its capacity as CMA for San Francisco and in cooperation with TIDA, the City's Mayor's Office, and Caltrans District 04.