

## **EXHIBIT A-5 – SCOPE OF SERVICES**

### **Contract Amendment No. 5**

#### **Scope of Services**

In accordance with the County's request, the Biggs Cardosa Associates, Inc. (BCA) design team will provide construction support to assist the County and the CM team throughout the duration of construction.

BCA will complete the extra scope of services through the completion of the following tasks:

#### **Task 11 – Construction Support**

The County has hired Southstar/DCCM to serve as the Resident Engineer/Construction Manager (RE/CM) to provide construction inspection services, and to act as a liaison to the County regarding construction related matters. Work performed for this task will be performed on a time and materials basis. We will provide engineering construction support including:

- Project management during construction that includes attending the preconstruction meeting and up to ten (10) virtual construction progress meetings, as required. This also includes the preparation of the monthly invoices.
- Construction site visits (total 4 max) during construction, as required.
- Review contractor RFI's (Request for Information) and provide written response (total 50 maximum).
- Assist the County with the preparation of Contract Change Orders, if needed (total 3 maximum).
- Perform the review of all structural shop drawings and structural submittals required by the project specifications and the Caltrans Standard Specifications except for the submittals listed in the Caltrans OSFP Information and Procedures Guide Section 5-4 that are typically reviewed and approved at the field level (rebar shop drawings, standard falsework system shop drawings, concrete mix designs, etc). We have assumed that these field level submittals will be reviewed by the RE.
- Provide support for up to five (5) roadway/civil related submittals/shop drawings. It is assumed that the RE will be the lead reviewer for all roadway/civil related submittals/shop drawings.
- Provide RE coordination and support including RE File development.
- Review as-built record drawings prepared by the RE/CM that reflect all change orders, accommodations, and adjustments to all improvements constructed. The as-built records drawings will be a red mark construction set of plans. No drafting or plan changes by the design team will be required.

## ASSUMPTIONS

The following assumptions were made in generating this scope of work:

1. Project construction will start in 2025 and will last for 2 years.
2. The virtual construction progress meetings are assumed to last a maximum of 2 hours each.
3. The level of effort required for each RFI is assumed to be 4 to 6 hours.
4. Submittals listed in the Caltrans OSFP Information and Procedures Guide Section 5-4 (rebar shop drawings, standard falsework shop drawings, concrete mix designs, etc) will be reviewed by the RE at the field level.
5. A maximum of two (2) rounds of reviews (i.e. one resubmittal) are assumed for each set of structural shop drawing submittal. The revisions required for the resubmittals are assumed to be minor and will not require another complete shop drawing review.
6. Responding to RFIs and developing associated CCOs to address contractor errors, alternative construction method requests, or unforeseeable construction field issues (contractor scheduling, contractor equipment limitations, 3rd party coordination/limitations, undocumented existing conditions, etc.) is not included in the scope of services but can be added as Extra Work Requests as required.