

The Honorable Board of Supervisors

RE: Amendment Number 1 to the Engineering and Environmental Services Agreement for constructing a new bridge on Miles Avenue at Whitewater River and widening Miles Avenue and Clinton Street to provide additional lanes. The project is located in the Indio area of the Coachella Valley.

Page 2 of 2

growing area. The project will replace the existing low-water crossing on Miles Avenue at Whitewater River with a new bridge. The number of existing thru traffic lanes will be increased from two to four lanes on Miles Avenue and from three to four lanes on Clinton Street. Continuous left turn lanes will be provided on both streets. New sidewalks will be constructed eliminating the existing gaps. On Miles Avenue, a new traffic signal will be provided at Elm Street for safe student crossing and another at Monroe Street for improved traffic circulation. Miles Avenue will be designated as a Class 3 Bike Route within the project limits.

Amendment 1 is being processed to address the scope and budget changes that became necessary due to the following reasons:

- The engineering and environmental services agreement negotiated in 2001 was based on an estimated project cost of \$7,000,000. The project has grown into a much larger project with a total cost approaching \$22,000,000.
- Early in the project, a portion of the total project cost was being funded with Federal STIP Funds. This required following the Federal NEPA process for environmental clearance as well as Caltrans and Federal Highway Administration (FHWA) oversight. At FHWA's request, we included four alternatives to be studied in the environmental document, increasing the scope for the technical studies, the preliminary engineering, and extending the project schedule significantly.
- During the state budget crisis of 2003/04, the STIP Funds were suspended on all local projects. Given the uncertainty that these funds would be replaced, and the much more lengthy NEPA process for Federal funds, we decided approximately two years ago to shift the Federal funds to another project already predominately funded with Federal money. The removal of the Federal funds allowed us to accelerate the project schedule, but did require us to revise the environmental document. Although the overall project cost has grown, the removal of Federal funds will allow us to begin construction approximately two years sooner and limit any additional cost increase associated with processing and future construction cost increases.
- In response to public feedback and at the request of the City of Indio, traffic signals are added at Elm Street and Monroe Street on Miles Avenue. Aesthetic features and bridge lights are included for a visually pleasant and safer bridge.
- At the request of the Coachella Valley Water District (CVWD), the Bridge Hydraulics Study was modified to model a longer than usual stretch of the Whitewater River.
- Due to high staff work load, the preparation of legal and plats for right of way acquisition, the utility coordination tasks, and a constructability review for the bridge are added to the consultant scope of work, which were initially to be done by department staff.

The Honorable Board of Supervisors

RE: Amendment Number 1 to the Engineering and Environmental Services Agreement for constructing a new bridge on Miles Avenue at Whitewater River and widening Miles Avenue and Clinton Street to provide additional lanes. The project is located in the Indio area of the Coachella Valley.

Page 3 of 3

The breakdown of the negotiated fees by major milestones to address these scope changes is as follows:

Phase I – Preliminary Design /Environmental Services	\$177,329.68
Phase II – Final Design (PS&E)	\$388,578.92
Phase III – Construction and Bid Support Services	\$ 24,132.66
Contingency	\$118,000.00

Recommended Contract Budget

Original Contract Amount:	\$ 675,000.00
Recommended Amendment No.1:	<u>\$ 708,041.26</u>
Total Contract Amount:	\$1,383,041.26

The revised negotiated fees are within industry standards based on a percentage of construction.