



STAFF REPORT
7/22/2020

TO: Honorable Mayor and City Council Members

FROM: Gabor Pakozdi, P.E., City Engineer

SUBJECT: Amendment to the Professional Service Agreement with Michael Baker International, Inc. in an amount of \$166,782 and to extend the contract term to June 11, 2021 to provide Professional Engineering Services for the Avenue 50 Extension, City Project No. ST-98

STAFF RECOMMENDATION:

Authorize the City Manager to Execute an Amendment to the Professional Service Agreement with Michael Baker International, Inc. in an amount of \$166,782 and to extend the contract term to June 11, 2021 to provide Professional Engineering Services for the Avenue 50 Extension, City Project No. ST-98

BACKGROUND:

Michael Baker International has provided Professional Engineering Services for the Avenue 50 Extension, City Project No. ST-98. The hydrologic and hydraulics (H&H) calculations required for the project's design exposed substantial unanticipated discrepancies between the applicable regional storm water models of the Coachella Valley Water District and the Riverside County Flood Control District.

DISCUSSION/ANALYSIS:

In order to resolve the regional storm water modeling discrepancies and to complete the Plans, Specifications, and Estimates (PS&E Phase) the following extra work is required:

- Regional H&H Design Model Development & Coordination between NHC/CVWD and Riverside County Flood Control (RCFCD) rainfall distribution data.
- Obtain 2D HEC-RAS Model From NHC/CVWD suitable for use in modeling the Avenue 50 crossing
- Review/Evaluate/Confirm model practicality for Avenue 50 Crossing Design
- Update HEC-RAS Model for Avenue 50 fill and culvert and rerun model

- Update HEC-RAS Model with La Entrada Development and rerun model (100,200,500 year probable storms for existing and proposed conditions)
- Calculate Scour for Avenue 50 footing Design & Road Embankment
- Draft Updated Design Report
- Finalize Updated Design Report
- Meeting Attendance/Coordination

The total cost to perform all the above referenced tasks, including \$15,000 contingency, is **\$166,782**, which will revise the total contract authorized amount to **\$1,222,062**.

FISCAL IMPACT:

Available FY 2020/21 Capital Improvements Program funding for City Project No. ST-98 is \$655,273. Upon approval by City Council, in accordance with the City's cooperative agreement with the Coachella Valley Association of Governments (CVAG), the City will be requesting 75% of the cost to be reimbursed by CVAG.