



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 2/11/2020

Agenda Placement: 60

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: Graham Wadsworth, Engineering Supervisor - 259-8331

SUBJECT: Amendment to Professional Services Agreement No.190236B for ADKO Engineering for Storm Damage Repairs

RECOMMENDATION

Director of Public Works requests approval of and authorization for the Chair to sign Amendment No. 2 to Agreement No. 190236B with ADKO Engineering to increase maximum compensation by \$186,650, for a new maximum of \$759,650 for construction support services for the following five road repair projects:

1. \$55,950 for the Berryessa/Knoxville Road-MPM 20.5 to 22 project;
2. \$30,925 for the Dry Creek Road-MPM 7.75 project;
3. \$28,925 for the Dry Creek Road-MPM 10.5 project;
4. \$37,925 for the Mt. Veeder Road-MPM 4.75 project; and
5. \$32,925 for the Dry Creek Road-MPM 7.51 project.

EXECUTIVE SUMMARY

During the January 2017 storm event, the following sites sustained significant damage:

- l Berryessa/Knoxville Road, MPM 20.50 to 22.00 - 4301 NANCC08: Sustained road and culvert failure. The proposed repair is to replace the four 48" failed culverts and headwall with an open bottom structure and reconstruct the road.
- l Dry Creek Road - MPM 7.75 - 4308 NANCC94: Sustained 120 feet of road and embankment failure. The proposed repair is to reconstruct the road with a steel soldier pile concrete retaining wall.
- l Dry Creek Road - MPM 7.51- 4305 NANCC53: Sustained 180 feet of road and embankment failure. The proposed repair is to reconstruct the road with a steel soldier pile concrete retaining wall.
- l Dry Creek Road - MPM 10.5 - 4308 NANCC93: Sustained 100 feet of road and embankment failure. The proposed repair is to reconstruct the road with a steel soldier pile concrete retaining wall.

- | Mt. Veeder Road MPM 4.75 - 4308 NANCC97: Sustained 330 feet of road failure. The proposed repair is to reconstruct the road with a steel soldier pile concrete retaining wall.

The sites above qualify for federal funding and the Federal Emergency Management Agency (FEMA) has obligated \$3,624,340 in funding and granted time extensions to October 2020 for these projects. The federal match for these projects are 75% FEMA, 18.75% California Office of Emergency Services (Cal OES) and 6.25% local match (Roads funds via Measure T). FEMA has currently identified funding for these five projects as listed below, but since these are large projects, staff anticipates that FEMA will ultimately approve the actual cost incurred for the design and construction of these projects.

- | Berryessa/ Knoxville Road, MPM 20.50 to 22.00: \$1,001,200
- | Dry Creek Road - MPM 7.75: \$240,503
- | Dry Creek Road - MPM 10.5: \$397,669
- | Mt. Veeder Road MPM 4.75: \$1,289,395
- | Dry Creek Road - MPM 7.51: \$695,573

On February 26, 2019, the Board awarded an agreement to ADKO Engineering to start preliminary engineering for the projects and on June 4, 2019, the Board approved an Amendment for the final design engineering. Construction will begin in March and construction support services are necessary. The scope of work in the proposed amendment was not included in the Agreement or Amendment 1 since those services were for pre-construction services. Construction support/management services are now required. The Director of Public Works requests approval of and authorization for the Chair to sign an Amendment No. 2 to Agreement 190236 with ADKO Engineering, increasing compensation by \$186,650 for a new maximum of \$759,650 to provide construction support/management services.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	The projects are currently budgeted in Fund 2040, Sub- Division 2040500 in their respective programs (S7107, S7402, S7202, S7313, and S7405). Measure T funds are being used to upfront the funds in advance of reimbursement from FEMA. On January 28, 2020, the Board approved a budget transfer of \$3,845,497 for the four projects on Dry Creek Road and Mt. Veeder Road. When staff requests the Board to award the Berryessa / Knoxville Project construction contract, staff will request a budget transfer for the construction.
	After the Projects are completed, the County will submit actual project costs to FEMA and Cal OES. The reimbursements received from FEMA and Cal OES will be returned to Measure T funds.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	FEMA has obligated funds and granted time extensions to October 2020 to complete the five FEMA projects. If the projects are not completed (or new extensions are not granted), the County could forfeit approximately \$3,625,000 of FEMA funding and the County will have to repair the slides with local funds.

Is the general fund affected?	No
Future fiscal impact:	These projects are expected to be complete by December 2020. The future fiscal impact will be limited to routine maintenance of the roads.
Consequences if not approved:	If not approved, the slides will continue and there will be additional damage to county roads and potential hazards to the public. FEMA has obligated funds and granted time extensions to December 2020 to complete the five projects and if not completed, the County will forfeit approximately \$3,624,340 of FEMA funding.
County Strategic Plan pillar addressed:	Livable Economy for All: Improve and maintain the existing transportation and road systems to safely accommodate all users.
Additional Information:	On December 17, 2019, the Board approved the Five-year Measure T Project List, which includes \$5,112,000 in Fiscal Year 2020-21 for the five projects.

ENVIRONMENTAL IMPACT

Consideration and possible adoption of a Categorical Exemption Class 1: It has been determined that this type of project does not have a significant effect on the environment and is exempt from the California Environmental Quality Act. [See Class 1 (“Existing Facilities”) which may be found in the guidelines for the implementation of the California Environmental Quality Act at 14 CCR §15301; see also Napa County’s Local Procedures for Implementing the California Environmental Quality Act, Appendix B.] FEMA has determined that the project qualifies for a categorical exclusion under the National Environmental Policy Act (NEPA).

BACKGROUND AND DISCUSSION

On February 26, 2019, the Board approved a budget of \$248,947 and awarded an agreement to ADKO Engineering to start preliminary engineering for the five subject projects. On June 4, 2019, the Board approved a budget increase of \$324,053 and Amendment 1 for the final design engineering. On January 28, 2020, the Board took the following action:

1. Authorized the Director to advertise for bids the Berryessa/Knoxville Road project;
2. Awarded the construction contract for the four projects on Dry Creek Road and the project on Mt. Veeder Road; and
3. Approved a budget transfer for the four projects on Dry Creek Road and the project on Mt. Veeder Road

The revised estimated total project cost including design, environmental review, permitting, right of way, and County staff project management, is \$5,516,597 for the five projects. All project budgets are attached for reference. Weather permitting, these projects can move into construction phase in FY 2019-20.

Construction of these projects is projected to begin in March and construction support/management services are necessary. The proposed scope of work included in the proposed amendment includes reviewing contractor submittals, answering contractor requests for information, verifying construction staking, material testing, and ensuring permit compliance. To date, only pre-construction services have been included in the Agreement and

Amendment 1. Construction services are now required to move forward with construction of the project. Director of Public Works requests approval of and authorization for the Chair to sign Amendment No. 2 to Agreement 190236 with ADKO Engineering, increasing compensation by \$186,650 for a new maximum of \$759,650.

SUPPORTING DOCUMENTS

- A . Budget for five storm repairs
- B . Budget for BK 20.5 to 22
- C . Budget for DC 7.75
- D . Budget for DC 10.5
- E . Budget for MV 4.75
- F . Budget for DC 7.5

CEO Recommendation: Approve

Reviewed By: Leigh Sharp