



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 2/26/2019

Agenda Placement: 6M

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: Mallika Ramachandran, Engineering Manager - 259-8194

SUBJECT: Award of Professional Service Agreement to ADKO Engineering for Storm Damage Repairs

RECOMMENDATION

Director of Public Works requests approval of and authorization for the Chair to sign an agreement with ADKO Engineering, of Roseville, CA for the term February 26, 2019 through June 30, 2023 to provide preliminary engineering and environmental services on the following 2017 storm repair projects:

1. \$58,000 for Berryessa/ Knoxville Road - MPM 20.50 to 22.00;
2. \$34,000 for Dry Creek Road - MPM 7.75;
3. \$34,000 for Dry Creek Road - MPM 10.5;
4. \$25,947 for Dry Creek Road - MPM 10.75;
5. \$34,000 for Mt. Veeder Road - MPM 4.75;
6. \$34,000 for Dry Creek Road - MPM 7.51;
7. \$14,000 for Mt. Veeder Road - MPM 4.0; and
8. \$15,000 for Mt. Veeder Road - MPM 5.1.

EXECUTIVE SUMMARY

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

- 1 FEMA - S7107 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
- 1 FEMA - S7402 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 steel soldier pile concrete retaining wall
- 1 FEMA - S7202 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 steel soldier pile concrete retaining wall

- | FEMA - S7313 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 steel soldier pile concrete retaining wall
- | FEMA - S7405 Mt. Veeder Road MPM 4.75 - 4308 NANCC97: Sustained 330 feet of road failure. The proposed repair is to reconstruct road with steel soldier pile concrete retaining wall
- | S7105 Dry Creek Road - MPM 10.75: Sustained 120 feet of road and embankment failure. The proposed repair is to reconstruct the road and embankment
- | S7306 Mt. Veeder Road MPM 4.0: Sustained 140 feet of road and embankment failure. The proposed repair is to reconstruct the road with steel soldier pile concrete retaining wall
- | S7304 Mt. Veeder Road MPM 5.1: Sustained 320 feet of road and embankment failure. The proposed repair is to reconstruct the road with steel soldier pile concrete retaining wall

There are five sites that qualify for federal funding and the Federal Emergency Management Agency (FEMA) has obligated funds and granted time extensions to October 2019 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 - 4301 NANCC08: \$1,001,200
- | Dry Creek Road - MPM 7.75 - 4308 NANCC94: \$240,503
- | Dry Creek Road - MPM 10.5 -4308 NANCC93: \$397,669
- | Mt. Veeder Road MPM 4.75 - 4308 NANCC97: \$1,289,395
- | Dry Creek Road - MPM 7.51- 4305 NANCC53: \$695,573

There are three non-FEMA projects in the same vicinity and it would be cost effective and efficient to complete them at the same time if feasible. These projects will be funded by Measure T. Staff is recommending moving forward with the preliminary engineering for the eight sites. The estimated total cost for design, environmental, permitting, right of way, and county staff project management, is \$2,500,000 for the eight projects. Staff is requesting \$287,947 to start preliminary engineering.

ADKO Engineering is not a local vendor.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	No
What is the revenue source?	Staff is requesting \$287,947 to start preliminary engineering for the subject projects. The projects are currently budgeted in Fund 2040, Sub- Division 2040500 in their respective programs (consultant and county project management cost): <ul style="list-style-type: none"> \$66,000 in S7107 for Berryessa/ Knoxville Road, MPM 20.50 to 22.00 - 4301 NANCC08 \$39,000 in S7402 for Dry Creek Road - MPM 7.75 - 4308 NANCC94 \$39,000 in S7313 for Dry Creek Road - MPM 10.5 - 4308 NANCC93 \$30,947 in S7105 for Dry Creek Road - MPM 10.75 \$39,000 in S7405 for Mt. Veeder Road - MPM 4.75 - 4308 NANCC97 \$39,000 in S7202 for Dry Creek Road - MPM 7.51 - 4305 NANCC53

- | \$17,000 in S7306 for Mt. Veeder Road - MPM 4
- | \$18,000 in S7304 for Mt. Veeder Road - MPM 5.1

Also see attached budget for more detail.

Is it Mandatory or Discretionary? Discretionary

Discretionary Justification: FEMA has obligated funds and granted time extensions to October 2019 to complete the five FEMA projects. If not completed (or new extensions granted) the County could forfeit approximately \$3,625,000 of FEMA funding. There are three non-FEMA projects in the same vicinity and It would be cost effective and efficient to complete them at the same time if feasible.

Is the general fund affected? No

Future fiscal impact: The estimated design, environmental, permitting, right of way, county staff project management, cost is \$2,500,000 for the eight projects. Staff is requesting \$287,947 to start preliminary engineering. Once the preliminary engineering phases is completed and the project scope is further defined, staff will return to board for additional budget allocation to complete the environmental and permitting and the plans, specification, estimates. etc.

Consequences if not approved: FEMA has obligated funds and granted time extensions to October 2019 to complete five FEMA projects. If not completed the County could forfeit approximately \$3,625,000 of FEMA funding. There are three non-FEMA projects in the same vicinity and It would be cost effective and efficient to complete them at the same time if feasible.

Additional Information: The estimated total for design, environmental, permitting, right of way, county staff project management, cost is \$2,500,000 for the eight projects. Staff is requesting \$287,947 to start preliminary engineering. The estimated total cost including construction, construction management, inspection, special inspection, staff project management is \$8,000,000, which will provided by Measure T over a two year period.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable. CEQA will performed on each project as design solutions are refined.

BACKGROUND AND DISCUSSION

As described in the Executive Summary, several roads sustained storm damage in January 2017 and staff is recommending to move forward with preliminary engineering for repairs to the eight sites.

To acquire additional resources to deliver projects, Napa County Public Works Department issued a Request for Qualifications for On-call engineering, environmental, and construction support services on February 22, 2018 and received four Statements of Qualifications on March 22, 2018 for Category A - FEMA projects. The statement of

qualification were evaluated on several criteria including the following:

1. Responsiveness to the request for statement of qualifications;
2. Organization and technical qualifications of the team;
3. Relevant experience and expertise for the requested services;
4. Understanding and approach and availability of the firm to provide requested services;
5. Professional reputation of the firm and the satisfaction of current and prior clients.

The following three firms were shortlisted.

1. ADKO Engineering, Roseville, CA
2. Mark Thomas, Sacramento, CA
3. Michael Baker International, Rancho Cordova, CA

Public works staff has identified ADKO Engineering as the most qualified firm to provide the engineering, environmental, and construction support services for the eight slide repair projects. Director of Public Works requests approval of and authorization for the Chair to sign an agreement with ADKO Engineering, of Roseville, CA for the term February 26, 2019 through June 30, 2023 for the above referenced eight projects.

ADKO Engineering is not a local vendor.

SUPPORTING DOCUMENTS

A . Preliminary Engineering Storm Budget

CEO Recommendation: Approve

Reviewed By: Leigh Sharp