

CITY OF SANTA ROSA
CITY COUNCIL

TO: MAYOR AND CITY COUNCIL
FROM: ERICH RAUBER, SUPERVISING ENGINEER
TRANSPORTATION AND PUBLIC WORKS DEPARTMENT
SUBJECT: AUTHORITY TO ISSUE DESIGN-BUILD REQUEST FOR
PROPOSALS FOR SPRING CREEK DR AND UTAH CT ASPHALT
DEPRESSION

AGENDA ACTION: MOTION

RECOMMENDATION

It is recommended by the Department of Transportation and Public Works that the Council, by motion, approve the use of the Design-Build procurement method as in the best interest of the City and authorize issuance of a Request for Proposals for the Spring Creek Drive and Utah Court Asphalt Depressions project.

EXECUTIVE SUMMARY

The project will stabilize and lift street and sidewalk areas that have settled relative to surrounding areas ('settlement areas'). Settlement over 12 inches have been observed in some of these areas. The settlement areas have affected surface drainage, flow in sewer laterals, and the ability of several residences to access their driveways. Utilizing the Design-Build delivery method will expedite project delivery, thus addressing this condition that is negatively affecting City infrastructure and its citizens. Staff has investigated the use of Design-Build to lift and stabilize these settlement areas and recommends the process be used for the Spring Creek Dr. and Utah Ct. Asphalt Depression project.

BACKGROUND

Studies have concluded that the observed settlement was caused by trees adjacent to roadway drawing moisture out of fat clay soils, causing them to consolidate, resulting in ground surface settlement. The resulting settlement areas tend to be circular (typically 10 to 12 feet in diameter) in plan view with the maximum settlement being at the approximate circle center (where a tree is situated) and gradually decrease radially outward.

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This project will inject a two-component, high-density, expanding thermoset polyurethane material (such as URETEK 486 Star or equivalent) below the ground surface in a grid pattern within/around settlement areas at specific locations determined by the Design-Build Entity, to raise the areas to match surrounding grades.

Staff has researched the use of Design-Build procurement with other agencies for the project and recommends its use for the Spring Creek Dr. and Utah Ct. Asphalt Depression project.

PRIOR CITY COUNCIL REVIEW

None

ANALYSIS

A Design-Build contract is an alternative contracting method in which a single Design-Build Entity both designs and builds a project. This method expedites project delivery by reducing the number of contracts under the project, overlapping the design and construction phases, potentially reducing project costs, and minimizing disputes between designer and contractor. The proposed procurement method will follow Section 3-60 of the City of Santa Rosa Municipal Code. This method allows for selection of a Design-Build firm based on an initial prequalification process and a follow up Request for Proposals (RFP) process based on performance objectives established for the project.

A Selection Committee will review and rank the proposals based on the evaluation criteria outlined in Section 3-60.120 of the City Code. Upon completion of the proposal rating process, the Selection Committee will make a recommendation to the City Council to award the Design-Build contract to the Design-Build Entity whose proposal is selected as providing the best value, meeting the interest of the City, and meeting the objectives of the project. A request to award a Design-Build contract will be presented to Council at a later date.

FISCAL IMPACT

A journal ledger account Number 17544 has been established and funded with \$303,000 General Funds to support the design-build effort.

This item is expected to have no direct fiscal impact on the General Fund.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15301, Existing Facilities, in that the project consists of the repair of an existing public facility involving negligible or no expansion of use.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not applicable.

NOTIFICATION

Not applicable.

ATTACHMENTS

None.

CONTACT

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