

**County of Santa Clara**  
**Roads and Airports Department**



24-5563

**DATE:** May 7, 2024 (Item No. 90)

**TO:** Board of Supervisors

**FROM:** Harry Freitas, Director, Roads and Airports Department

**SUBJECT:** Report on Bids and Contract Award for 2024 Micro-surfacing of County Roads at Various Locations

**RECOMMENDED ACTION**

Consider recommendations relating to bids for construction of 2024 Micro-surfacing of County Roads at Various Locations. California Environmental Quality Act (CEQA): Exempt from CEQA pursuant to Section 15301 of the CEQA Guidelines.

Possible action:

- a. Award contract to Graham Contractors, Inc., in the amount of \$3,555,104 which includes an allowance for Supplemental Work in accordance with the Contract Documents, and a construction time of 40 working days.
- b. Authorize the County Executive, or designee, to issue Change Orders against the allowance for Supplemental Work and to approve modifications to the construction time.
- c. Authorize the Director, Roads and Airports Department, to approve changes that the Director deems reasonable and necessary to the Board-approved construction documents with such approval to occur in advance of the construction authorized by such changes.
- d. Ratify Addendum to Bid Documents No. 1 which clarified the Bid Documents in response to contractor questions relating to the bid opening process and modified the Bid Documents to include rumble strips and quantity adjustments.

**FISCAL IMPLICATIONS**

There is no impact to the County General Fund. Sufficient funding for the project is included in Fiscal Year 2024-2025 Road Fund Recommended Budget, account 0023-4001-5235100, Outside Repair and Maintenance.

**CONTRACT HISTORY**

On February 27, 2024, the Board approved the project, adopted the plans and specifications, and authorized the Department to advertise the project for bids. The bid opening date was March 28, 2024.

## **REASONS FOR RECOMMENDATION AND BACKGROUND**

This contract provides for the application of a micro-surfacing treatment on approximately 18 miles of residential roads in unincorporated urban pockets, consistent with the Department's Road Maintenance Plan. All roads to be micro-surfaced receive road repairs (dig outs, crack sealing, and other repairs), performed by Department staff, before the micro-surfacing is applied by the contractor.

Micro-surfacing is a durable pavement surface treatment that prolongs the life of the roadway, provides a new wearing surface, and avoids the nuisance issues sometimes associated with chip seal treatments on residential streets. Micro-surfacing is a one-step application that immediately produces a smooth finished surface. The one-step application results in less traffic disruption and eliminates complaints related to the presence of loose rocks on the roadway with a chip seal treatment.

On March 28, 2024, two bids were received as follows:

<b>CONTRACTOR</b>	<b>BID AMOUNT</b>
VSS International	\$3,620,648
Graham Contractors, Inc.	\$3,555,014

The low bid submitted by Graham Contractors, Inc. is 11.8% higher than the Engineer's Estimate of \$3,179,819.

Staff evaluated reasons for the high price relative to the engineers estimate in order to determine if rebidding or accepting the low bid would be the most prudent courses of action. Staff analyzed the bid from Graham Contractors, Inc. and identified high unit prices for some contract items such as Type II Micro-surfacing, removal of traffic striping and pavement markers, installation of centerline rumble strips, and thermoplastic for traffic lines and pavement markings.

The project was advertised consistent with other County construction projects. If the project were to be re-bid it is not likely that lower pricing would be received. In this context, the Department has reviewed the bids, determined all to be responsive, and recommends awarding the contract to the low bidder, Graham Contractors, Inc., in the amount of \$3,555,014.

One addendum was issued during the advertisement period. The addendum addressed questions regarding the bid opening, made corrections to the special provisions, made corrections on bid quantities, and added an attachment with detailed rumble strip plans to the special provisions. The Department recommends that the Board ratify the addendum in order to formally incorporate it into the bid documents.

## **CHILD IMPACT**

Positive Impact: The recommended action will lead to improved pavement conditions on a number of county roads, which will benefit all road users including children and youth.

## **SENIOR IMPACT**

Positive Impact: The recommended action will lead to improved pavement conditions on a number of county roads, which will benefit all road users including seniors.

### **SUSTAINABILITY IMPLICATIONS**

The recommended action will have no/neutral sustainability implications.

### **CONSEQUENCES OF NEGATIVE ACTION**

The project will not proceed.

### **STEPS FOLLOWING APPROVAL**

Upon execution of the construction contract the Clerk of the Board of Supervisors shall take the following actions:

1. Notify the following of completed processing: Ananth Prasad and Roberto Salinas, Roads and Airports Department, Road and Signal Operations Division.
2. Notify the following of completed processing: Pam Rebillot and Kelly Roberts, Roads and Airports Department - Administration.

### **ATTACHMENTS:**

- 2024 Micro-surfacing of County Roads at Various Locations – Addendum #1 (signed)