



Cave Creek Road Micro-Surfacing

Project Description

The Town of Cave Creek is proposing to have a complete microsurface overlay installation on Cave Creek Rd. The project boundaries will consist of all north bound and south bound lanes including turning bays of Cave Creek Rd. The boundaries of the projects are approximately 200 feet north of Sentinel Rock Rd through the Town of Cave Creek to approximately 100 feet west of Scopa Trail. This project will be performed in two separate phases. The first phase is expected to take place April/May 2021. The second phase would be expected to take place after July 1st, 2021. The first phase of the project will consist of Cave Creek Rd from the intersection of Spurcross Rd to the intersection of Scopa Trail (approximately 61,995 SY). The second phase is from Sentinel Rock to Spur Cross Rd. (approximately 69,202 SY). The Town reserves the right to adjust start and stop locations by 10,000 +/- SY.

The Town is proposing this project using Arizona State Procurement guidelines. Construction of the project is scheduled to be performed in the later months of the Town of Cave Creeks 2021 fiscal year with an estimated timeline in April and May of 2021 and the beginning portion of the 2022 Fiscal year, First quarter (beginning July 1, 2021). The FY22 portion of the work will be handled by separate award and is subject to approval of fiscal year 2022 budget by the Town of Cave Creek Town Council. The Town reserves the ability to award the two phases as separate contracts to different respondents. For each phase the Town will make the decision on the contracting for a Level 3 (option 1) or Level 2 (option 2) micro-seal per MAG Standard Specification 331. The Town will use this response as a determining factor (but not the sole factor) to select between option 1 or option 2. The selection of the successful bidder/contractor will be contingent upon the option selected.

The Town will consider the bids to determine award of Phase 1 in the following manner.

- Option 1 as bid,
- If the bids for Option 1 exceed the Town's FY21 budget, the Town will evaluate the unit price bids to determine if adjustment of the limits of the work to reduce the quantity of work by up to 10,000 square yards, will fall within the Town's budget for the project. In this case the unit values presented by the contractors will be evaluated within the tolerances noted. The reduction in quantity may result in a different lowest responsive, responsible bidder.

- If adjustment to the project limits alone will not allow for the award of the project, the Town will not award the contract based upon option 1 and proceed to option 2 for award.

The award of Phase 2 will be considered separately and in the same manner described for Phase 1 with bids for option 1 being considered first. If option 1 with adjustment was used for Phase 1, the Town will use the area deducted from Phase 1 as an addition to Phase 2. Phase 2, if awarded, will be subject to FY22 budget and separate award /contract approval from Phase 1.

At any point during the bidding process, prior to the award of any contract, the Town reserves the right to cancel this solicitation. The fact that Phase 1 is awarded does not necessarily mean that Phase 2 will be awarded.

Bids for the work will be due January 26th, 2021 at 10 am. **Late responses will not be accepted.**

Bids will be received by Tyler Thurman, Road Superintendent, at TThurman@CaveCreekAZ.Gov. Bids can also be hand delivered to the Town of Cave Creek at 37622 North Cave Creek Road, Administration Office. A public bid opening will be performed in the Carefree Cave Creek court room at approximately 10:30 AM. All COVID-19 precautions and mandates will/must be followed.

The successful bidder will be required to provide 100 percent performance and payment bonds in accordance with MAG Standard Specifications. The successful bidder will be required to provide insurances commensurate with those listed in the MAG Standard Specifications and name the Town as an additional insured as appropriate.

The Town will retain 10 percent of any payment made until such time as the project has been fully completed, equipment demobilized, and site cleared of any trash or debris associated with the construction. Certification of payment of all sub-contractors/vendors will be reviewed prior to release of bonds and/or retention.

The project award is for phase 1 currently scheduled to go before Town Council for approval in late February 2021, with the notice to proceed to be issued shortly thereafter. The phase 2 award, subject to Budget approval, will be submitted to the Town of Cave Creek Town Council in July/August 2021 for approval. The completion of phase 1 must be completed by June 30, 2021. Phase 2 must be completed no later than June 30th, 2022 to coincide with the closing of the Town of Cave Creek's fiscal year(s).

The following is a brief description of the items expected to be included within each bid item for each phase of the work.

Item 1 – Mobilization –

In accordance with MAG Standard Specification 109.10, mobilization for each phase will include a single round trip mobilization/demobilization of Contractor's personnel, equipment, supplies and incidentals, including establishment of offices, buildings and other facilities required for the performance of the work on the project, as well as preparatory work and operations prior to the commencement of the work on the project site". This work is further defined as including:

- A traffic control plan and all measures necessary to ensure a safe project. It will be necessary to safely maintain traffic flow throughout each portion of the project.
- Providing of site water and dust control will be the responsibility of the contractor
- The cost of bonding and insurance,
- Survey of the work necessary for the prosecution of the work
- Community Outreach and notification of work to be performed.
- Mapping of scheduled work will be coordinated with Special Events, and Town Events during construction.

Item 2 – Traffic Control –

Prior to the start of the project the contractor is responsible for the submittal of a Traffic Control Plan (TCP). The TCP is required to follow the proper standards in the current MUTCD as well as meet the MAG Standard 401. The current MUTCD may be downloaded from www.mutcd.fhwa.gov . The submitted TCP must be reviewed and approved by the Town of Cave Creek prior to installation. The contractor is responsible for the maintenance of all traffic control devices and must monitor the installation during the entirety of the project. Once the project is completed it is the responsibility of the contractor to remove all remaining traffic control devices. Access to all side streets and businesses must be provided at all times during the project(s) with appropriate signage.

Item 3 – Complete preparation of all existing surfaces –

This work will include the complete surface preparation of all existing asphalt. Including but not limited to sweeping the entire area prior to project start as well as the removal of all Raised Pavement Markers (RPM's).

Item 4 – (Option 1) - Installation of Type 3 Microsurfacing -

The pavement installation would consist of Type 3 Microsurfacing in accordance with MAG Standard Specification 331.

Item 4 – (Option 2) - Installation of Type 2 Microsurfacing -

The pavement installation would consist of Type 2 Microsurfacing in accordance with MAG Standard Specification 331.

Item 5 – (Option 1) - Utility Adjustments -

All existing at grade Survey monuments must be replaced in accordance with Mag Standard 405. Installation of the survey monuments will be in accordance with MAG Standard DTL-120 Type-B. Survey monuments within covered hand holes will be adjusted in a similar manner to a valve box cover adjustment. All utility adjustments must conform to MAG Standard 345. Re-installation of Sewer Manholes must comply with MAG standard DTL-422. Re-installation of water valves must comply with MAG Standard DTL-391-1 Type-C. It has been estimated that the following features will need adjustment:

Phase 1- Spur Cross to Scopa Trail

- 41 manholes
- 14 water valves

- 1 survey monument
- 5 miscellaneous adjustments

Phase 2 – Town Limits (North of Sentinel Rock) to Spur Cross Road

- 36 manholes
- 47 water valves

The above numbers and types are approximate. The contractor is responsible for verification of the number of adjustments prior to bidding.

Item 5 – (Option 2) – Utility Protection -

Contractor is responsible to take all appropriate actions to protect all existing utilities and Survey monuments in accordance with MAG standard 331.7.3. Adjustments will be made as necessary to maintain the operational function of the valve boxes, manholes and other miscellaneous items following overlay.

Item 6 –Materials and Testing –

All testing of the materials must comply with mag standard 714.

Item 7 – Roadway Striping and Markers –

Striping and marking requirements will be in accordance with the Maricopa Association of Governments Standard Specifications and the Manual on Uniform Traffic Control Devices (MUTCD). The current MUTCD may be downloaded from www.mutcd.fhwa.gov . The pavement markings currently existing are to be reproduced. Blue reflective markers are to be included in the center of the lane immediately opposite of all fire hydrants. All raised pavement markers should be dual sided with the proper color in accordance with MUTCD section 3A.05. The Contractor is responsible for all necessary temporary painted pavement marking prior to returning no less than 30 days to Re-sweep the pavement surface and apply the permanent thermoplastic pavement markings.

**PROJECT NO. Cave Creek Rd Microsurfacing Overlay, Phase 1 & Phase 2,
Option 1 & Option 2**

PROPOSAL to the Town of Cave Creek.

in compliance with the Advertisement for Bids, by the Town, the undersigned bidder:

(Print or Type Contactor Name)

Having examined the contract documents, site of work and being familiar with the conditions to be met, hereby submits the following proposal for furnishing the material, equipment, labor and everything necessary for the completion of the work listed and agrees to execute the contract documents and furnish the required bonds and certificates of insurance for the completion of said work, at the locations and for the prices set forth on the inside pages of this form.

Understands that construction of this project shall be in accordance with all applicable Maricopa Association of Governments' (MAG) Uniform Standard Specifications and Uniform Standard Details, latest revision and the Town of Cave Creek Design Standards, except as otherwise required by the project plans and specifications.

No proposal may be withdrawn for a period of 60 days after opening without consent of the Contracting Agency through the body or agent duly authorized to accept or reject the proposal except in the case of federally assisted projects.

Agrees that upon receipt of Notice of Award, from the Town of Cave Creek, they will execute the contract documents within 10 calendar days.

Phase 1 Work shall be completed by June 30th, 2021, and Phase 2 Work subject to separate award, shall be completed by June 30th, 2022. Beginning with the day following the starting date specified in the Notice to Proceed. The time allowed for completion of the work includes lead time for obtaining the necessary materials and/or equipment and approvals.

The bidder shall acknowledge all addenda in writing. By writing the addenda number{ } below, the bidder agrees that this proposal is computed with consideration of the specification book(s) plus any and all addenda.

ADDENDA NO.

DATE

ADDENDA NO.

DATE

This is a lump sum / not to exceed project, Phase 1 Option 1

For _____ & /100 Dollars
Written Words

This is a lump sum / not to exceed project, Phase 1 Option 2

For _____ & /100 Dollars
Written Words

This is a lump sum / not to exceed projects Phase 2 Option 1

For _____ & /100 Dollars
Written Words

This is a lump sum / not to exceed project Phase 2 Option 2

For _____ & /100 Dollars
Written Words

Project No. Cave Creek Rd Microsurfacing Overlay, Phase 1 and Phase 2 Option 1 and Option 2

THIS PROPOSAL IS SUBMITTED BY _____

a corporation organized under the laws of the state of _____

partner consisting of _____

a joint venture of _____

or individual trading as _____

Of the Town of _____

FIRM _____

ADDRESS _____

TOWN _____ STATE _____ ZIP CODE _____

BY _____

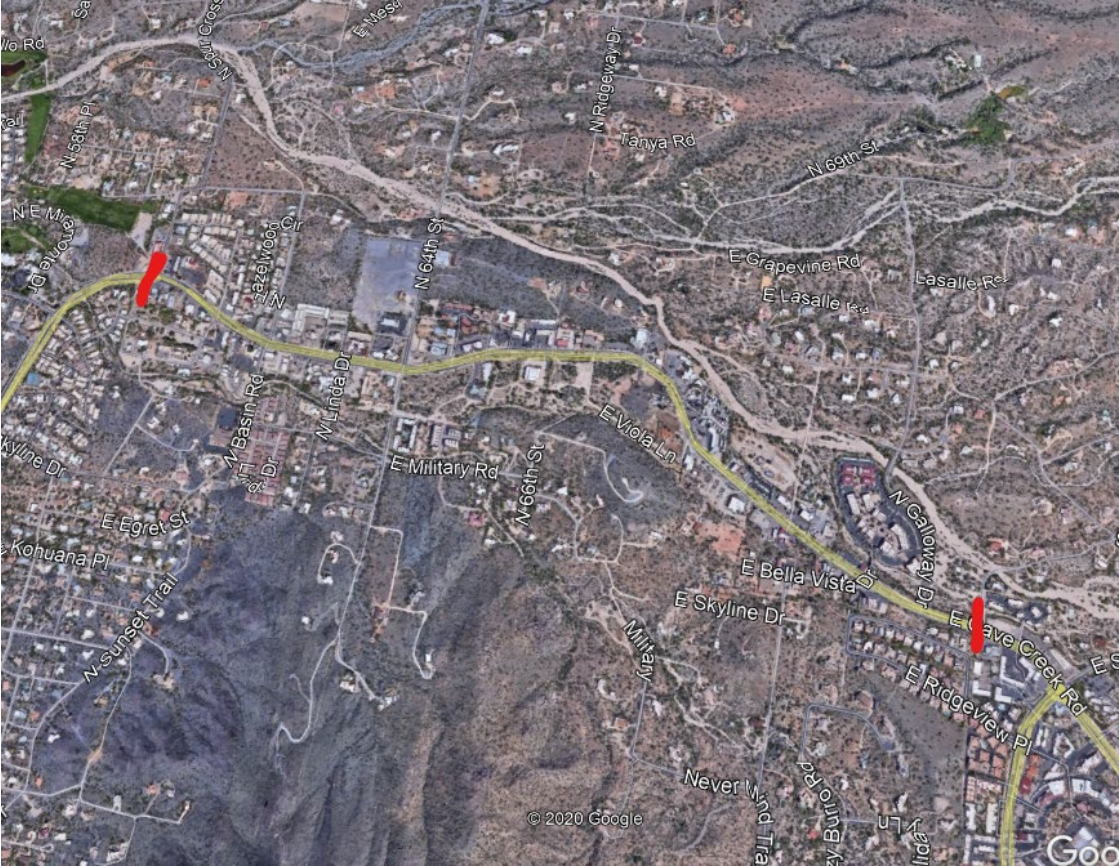
Officer and Title (signature)

Date

WITNESS: If contractor is an individual
(signature)

ATTEST: If Contractor is Corporation or Partnership
(signature and Title)

Phase 1 Project Boundaries



Phase 2 Project Boundaries



Bid Tabulation Form

OPTION 1 - TYPE 3 MICROSEAL

Cave Creek Road Microseal - Phase 1 - Spur Cross Road to Scopa Trail

Item	Description	Quantity	Unit	Unit Cost	TOTAL
1	MOBILIZATION	1	EA		\$ -
2	TRAFFIC CONTROL	1	LS		\$ -
3	SURFACE PREPARATION	61,995	SY		\$ -
4	TYPE 3 MICRO-SURFACING PER MAG STD 331	61,995	SY		\$ -
5	UTILITY AND SURVEY MARKER ADJUSTMENTS PER MAG STANDARDS	1	LS		\$ -
6	MATERIAL TESTING	1	LS		
7	ROADWAY STRIPING AND MARKERS	1	LS		\$ -
TOTAL BID - PHASE 1 - OPTION 1					\$ -

OPTION 2 - TYPE 2 MICROSEAL

Cave Creek Road Microseal - Phase 1 - Spur Cross Road to Scopa Trail

Item	Description	Quantity	Unit	Unit Cost	TOTAL
1	MOBILIZATION	1	EA		\$ -
2	TRAFFIC CONTROL	1	LS		\$ -
3	SURFACE PREPARATION	61,995	SY		\$ -
4	TYPE 2 MICRO-SURFACING PER MAG STD 331	61,995	SY		\$ -
5	UTILITY AND SURVEY MARKER ADJUSTMENTS PER MAG STANDARDS - (As Needed)	1	LS		\$ -
6	MATERIAL TESTING	1	LS		
7	ROADWAY STRIPING AND MARKERS	1	LS		\$ -
TOTAL BID - PHASE 1 - OPTION 2					\$ -

Bid Tabulation Form

OPTION 1 - TYPE 3 MICROSEAL

Cave Creek Road Microseal - Phase 2 - Town Limits (north of Sentinel Rock) to Spur Cross Road

Item	Description	Quantity	Unit	Unit Cost	TOTAL
1	MOBILIZATION	1	EA		\$ -
2	TRAFFIC CONTROL	1	LS		\$ -
3	SURFACE PREPARATION	69,202	SY		\$ -
4	TYPE 3 MICRO-SURFACING PER MAG STD 331	69,202	SY		\$ -
5	UTILITY AND SURVEY MARKER ADJUSTMENTS PER MAG STANDARDS	1	LS		\$ -
6	MATERIAL TESTING	1	LS		
7	ROADWAY STRIPING AND MARKERS	1	LS		\$ -
TOTAL BID - PHASE 2 - OPTION 1					\$ -

OPTION 2 - TYPE 2 MICROSEAL

Cave Creek Road Microseal - Phase 2 - Town Limits (north of Sentinel Rock) to Spur Cross Road

Item	Description	Quantity	Unit	Unit Cost	TOTAL
1	MOBILIZATION	1	EA		\$ -
2	TRAFFIC CONTROL	1	LS		\$ -
3	SURFACE PREPARATION	69,202	SY		\$ -
4	TYPE 3 MICRO-SURFACING PER MAG STD 331	69,202	SY		\$ -
5	UTILITY AND SURVEY MARKER ADJUSTMENTS PER MAG STANDARDS	1	LS		\$ -
6	MATERIAL TESTING	1	LS		
7	ROADWAY STRIPING AND MARKERS	1	LS		\$ -
TOTAL BID - PHASE 2 - OPTION 2					\$ -