



MARIPOSA COUNTY

Public Works · 209 966 5356



RESOLUTION - ACTION REQUESTED 2019-725

MEETING: December 17, 2019
TO: The Board of Supervisors
FROM: Mike Healy, Public Works Director
RE: Approve Change Order and Budget Action for Airport Apron Rehabilitation with George Reed, Inc.

RECOMMENDATION AND JUSTIFICATION:

Approve the First Change Order to the Agreement with George Reed, Inc. Construction Increasing the Amount by \$167,279; and Approve Budget Action Reducing General Fund Contingency by (\$16,728), Increasing Federal Aviation Administration FAA Revenue by \$150,551 and Increasing Appropriations in the Airport Apron Rehabilitation Fund Budget to Accommodate the Change Order by \$167,279.

Upon removal of existing asphalt at the Airport we encountered underground springs that would make it impossible to achieve required pavement compaction levels necessary to support various sizes of aircraft and meet FAA specifications. These conditions were not discovered in any of the pre-construction soil boar tests that were performed and analyzed during the engineering phase of the project.

The FAA has reviewed the pre-construction engineering and agreed that suitable soil samples were taken and that this condition could not have been discovered until such time as the entire pavement structure was disturbed. The FAA has agreed to allow the use of AIP Grant Funds in Federal FY 20/21 to pay these expenses.

It is requested that we allow this work to continue and that the County provide the match for FAA funding to complete the Project. The FAA has agreed that this will be an eligible expense upon award of the FY 20/21 AIP.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

RESOLUTION 2019-302 approved the Apron Rehabilitation project. Past FAA grant approvals include the Airport Layout Plan and the Pavement Management Program.

ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

Negative action would require the identification of an alternative means of funding to

Resolution - Action Requested 2019-725

complete the project and not being able to pay the contractor for additional work required and approved by the FAA.

FINANCIAL IMPACT:

Authorization of this budget action will result in a decrease the General Fund contingency of \$16,728

ATTACHMENTS:

Airport Apron Rehab Agreement Original (PDF)
Apron Rehab Supplemental Agreement #1 (PDF)
Change Order 1 FAA (PDF)
Budget Action - ID 9991 (PDF)
FAA confirmation on change order #1(PDF)
FAA MPI-014 2019 Supplemental Agreement No 1 (3) (PDF)

RESULT: ADOPTED [UNANIMOUS]

MOVER: Merlin Jones, District II Supervisor

SECONDER: Marshall Long, District III Supervisor

AYES: Smallcombe, Jones, Long, Cann, Menetrey

BUDGET ACTION FORM

RES. NO. 19-725

FUND	DEP/DIV	ACCOUNT	DESCRIPTION	PROJECT	INCREASE	DECREASE
001	0104-414	1090	Contingency			16,728
001	0161-427	0787	Transfer Out		16,728	
617	0325-306	6203	FAA Grant Revenue		(150,551)	
617	0325-309	1600	Transfer In		(16,728)	
617	0325-590	0630	Apron Rehabilitation		167,279	
TOTALS					16,728	16,728

TRANSFER BETWEEN FUNDS				DEBIT	CREDIT
001	0161-427	0787	Transfer Out	16,728	
617	0325-309	1600	Transfer In	(16,728)	
TOTALS				0	0

ACTION REQUESTED: (Check all that apply)

Budget appropriation by Board of Supervisors (4/5ths Vote Required): Amending the total amount available in the county budget, or in any one fund of the budget, or transferring appropriation from Contingencies

Transfer by Board of Supervisors (3/5ths Vote Required): Moving existing appropriations from one budget to another, or between categories within a budget unit;

DEPT HEAD SIGNATURE	DATE <u>12.8.17</u>
APPROVED BY RES NO. <u>19-725</u>	CLERK <u>Mary Dunne</u>
DEPARTMENT _____	DATE <u>12-17-19</u>
_____	_____

AUDITOR'S USE ONLY BA # _____

ID 9991

STATE OF CALIFORNIA – County of Mariposa
CONTRACT CHANGE ORDERSheet 1 of 2Change Requested by: Engineer Contractor

CCO No.	Suppl. No.	Contract No.	Project	Federal/State Number(s)
01	0318-1901	19-302	Airport Apron Rehabilitation Project	AIP 3-06-0147-014-2019

To: GEORGE REED, INC., ContractorYou are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract. **NOTE: This change order is not effective until approved by the Engineer.**

Description of work to be done, estimate of quantities, prices to be paid and extension of time. (Segregate between additional work at contract price, agreed price and force account.) Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time. The last percentage shown is the net accumulated increase or decrease from the original quantity in the Engineer's Estimate

CONTRACTOR is hereby authorized to make the following changes:

Description: Subgrade stabilization per attached Supplemental Agreement No. 1.**THIS CHANGE ORDER PROVIDES FOR:** This work will result in 10,578 SY of subgrade stabilization work including 5% cement soil amendment and subcontractor mobilization.**Extra Work Lump Sum (EWLS)**

The change in payment shall be increased at an Agreed Lump Sum price of \$167,279.00 (One Hundred Sixty Seven Thousand, Two Hundred Seventy Nine Dollars and No 100s).

In accordance with FAA Guidance Circulars furnish all labor, material and equipment at Extra Work Agreed Lump Sum (EWLS). The sum constitutes full and complete compensation for labor, materials, equipment, vehicles, tools and incidentals including all markups for this change.

Attachments:

- Signed Supplemental Agreement No. 01 for Project 0318-1901, dated October 24, 2019
- Supplemental Agreement has been reviewed and approved by FAA, contingent on completion of new grant application for change order amount.
- Contractor invoicing for additional amount shall be in accordance with FAA guidance per attached letters. (I.E. Contractor will invoice consistent with attached itemized Supplemental Agreement #1).

Bid Amount: \$ 497,572.00

Estimated Cost: Decrease Increase

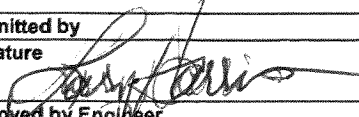
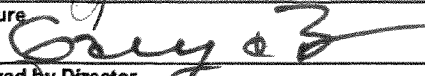
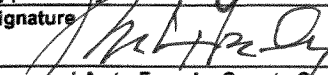
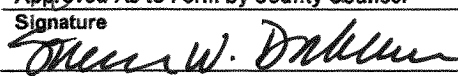
CCO#1 is plus 34 %

Total CCO's Amount: \$ 167,279.00

Adjusted Amount: \$ 664,851.00


By reason of this order the time of completion will be adjusted as follows:

Seven (7) additional calendar days will be added to performance period.

Submitted by		
Signature 	(Print name & Title) Larry Harris, Project Engineer	Date 11/12/19
Approved by Engineer		
Signature 	(Print name & Title) Gary Brown, County Engineer	Date 11/18/19
Approved by Director		
Signature 	(Print name & Title) Mike Healy, Director, Public Works & Transportation	Date 11/12/19
Approved As to Form by County Counsel		
Signature 	(Print name & Title)	Date 2-3-20

We the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specification as to proceeding with the ordered work and filing a written protest within the time therein specified.

Contractor Acceptance by		
Signature 	(Print name & title) Ed Berlier, Vice President	Date 11-13-19

CONTRACT CHANGE ORDER NO. N/A
or
SUPPLEMENTAL AGREEMENT NO. #1

AIRPORT Mariposa-Yosemite **DATE** 10/24/2019

LOCATION Mariposa California **AIP PROJECT NO.** 3-06-0147-014-2019

CONTRACTOR George Reed, Inc.

You are requested to perform the following described work upon receipt of an approved copy of this document or as directed by the engineer:

Item No.	Description	Unit	Unit Price	Quantity	Amount
1	MOBILIZATION (M-105)	LS	1	15000	15000
2	CONTRACTOR QUALITY CONTROL PROGRAM (C-100)	LS	1	7948	7948
3	FDR EXISTING PAVEMENTS 12" P-207	SY	9.50	10578	100491
4	5% CEMENT FOR FDR P-207	TON	160.00	274	43840
5					
This Change Order Total			\$167,279.00		
Previous Change Order(s) Total			\$ 0.00		
Revised Contract Total			\$664,851.00		

The time provided for completion in the contract is (unchanged) (decreased) (increased) by 7 calendar working days. This document shall become an amendment to the contract and all provisions of the contract will apply. Changes are shown on Drawing(s) No. 8 of 12 dated 10/18/2019, three copies attached.

Recommended by:	<u>RP Wadell</u>	<u>10/24/2019</u>
	Engineer	Date
Approved by:	<u>[Signature]</u>	<u>10/24/2019</u>
	Owner	Date
Accepted by:		<u>10/24/2019</u>
	Contractor	Date
Concurred by:		<u>N/A</u>
	State Aeronautics (if applicable)	Date
Approved by:	Federal Aviation Administration	Date

NOTE: Change Orders and Supplemental Agreements require FAA approval prior to construction, otherwise no Federal participation can be granted. State Aeronautics concurrence is required when state participation is anticipated.

AIP PROJECT NO. 3-06-0147-014-2019

CHANGE ORDER NO. SA #1

(Supplemental Agreement)

AIRPORT Mariposa-Yosemite

LOCATION Mariposa California

JUSTIFICATION FOR CHANGE

1. Brief description of the proposed contract change(s) and location(s).

The change is mixing cement in the top 12" of pulverized asphalt surface, base course and subgrade soil per P-207 specifications to stabilize the surface prior to new asphalt placement. The location is all of the 10,578 square yards of exposed old apron area. See attached graphic.

2. Reason(s) for the change(s) (Continue on reverse if necessary)

The project as bid included mill and replace the existing asphalt surface. During construction the Contractor found several old fill areas placed to remedy past subgrade failures and high moisture content. During the 2017 PMMP study and project design there was no evidence of subgrade failures or softness, nor high water content and pumping of soils. These adverse subgrade conditions were not known to the Consultant or current county public works staff. The change is required to stabilize the surface thereby allowing for paving and completion of the project.

3. Justifications for unit prices or total cost.

The unit prices are based on Consultant adjustment of June/July 2019 pricing for two nearby recent FAA funded bid openings and contracts for FDR P-207 projects at Lone Pine Airport and Bishop Airports.

4. The sponsor's share of this cost is available from:

County of Mariposa and State Aeronautics matching grant (to be requested). The County requests a new entitlement grant from the FAA in early 2020 to reimburse the County for self funding the project thereby allowing timely completion. The County would pre-spend MPI entitlements, currently amounting to \$228,000.00.

5. If this is a supplemental agreement involving more than \$2,000, is the cost estimate based on the latest wage rate decision? Yes No Not Applicable .

6. Has consent of surety been obtained? Yes Not Necessary .

7. Will this change affect the insurance coverage? Yes No .

8. If yes, will the policies be extended? Yes No .

9. Has this (Change Order) (Supplemental Agreement) been discussed with FAA officials?

Yes No When 10/21/2019 With Whom Lemuel del Castillo

Comment The Sponsor requests a letter from the FAA indicating that the Sponsor may spend entitlement funds for this work in advance of receiving a new FAA entitlement grant in early 2020 to reimburse the Sponsor. The letter is necessary for the Sponsor to proceed.

Submit 4 copies to the FAA