

REHABILITATE TAXIWAY N
CONTRACT CHANGE ORDER NO. 2

AIRPORT Centennial Airport DATE 12/2/20
 LOCATION Englewood, CO AIP PROJECT NO. 3-08-0029-52
 CONTRACTOR Asphalt Specialties Company

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

FEDERALLY ELIGIBLE ITEMS

Item No.	Description	Unit	Unit Price	Quantity	Amount
1	Concrete Repairs/Adjustments on Structures within Taxiway N Project Limits	LS	\$39,680.00	1	\$39,680.00
2	Additional Drainage Improvements East of Taxiway C5	LS	\$12,922.50	1	\$12,922.50
3	Mastic Crack Seal	TON	\$4,235.00	0.37	\$1,566.95
4	Standard Crack Seal	LF	\$2.75	250	\$687.50
5	Asphalt Surface Treatment	SY	\$2.50	330	\$825.00
Total					\$55,681.95

NON-FEDERAL ITEMS

Item No.	Description	Unit	Unit Price	Quantity	Amount
NF-1	Geogrid	SY	\$3.00	(1,500)	(\$4,500.00)
NF-2	Recycled Roadbase (6")	SY	\$9.65	(1,500)	(\$14,475.00)
NF-3	Recycled Roadbase (4")	SY	\$6.43	1,560	\$10,030.80
NF-4	Remark East Control Tower Road	LS	\$1,400.00	1	\$1,400.00
NF-5	Seal Lightning Strikes on Taxiway A	LS	\$950.00	1	\$950.00
NF-6	Mastic Crack Seal on Taxiway A1 Run-up and Taxiway D	TON	\$4,235.00	5.50	\$23,292.50
NF-7	Standard Crack Seal on Taxiway A1 Run-up and Taxiway D	LF	\$2.75	6,250	\$17,187.50
NF-8	Fly Ash Stabilized Subgrade on East Control Tower Road	LS	\$27,612.00	1	\$27,612.00
NF-9	Marking Stencils	LS	\$150.00	1	\$150.00
Total					\$61,647.80

SUMMARY

Federal Change Order No. 2 Total	\$55,681.95
Non-Federal Change Order No. 2 Total	\$61,647.80
Previous Federal Change Order(s) Total	\$0.00
Previous Non-Federal Change Order(s) Total	\$117,209.20
Original Contract Total	\$4,545,942.50
Revised Contract Total	\$4,780,481.45

This document shall become an amendment to the contract and all provisions of the contract will apply. This change order constitutes full and final settlement to the Contractor for all costs and time associated with the changes to the work (or events) described herein. Costs are defined to include all direct and indirect labor costs, all material and equipment expenses, and any and all impact costs related to, or occasioned by, the change to the work described in this change order as well as all taxes, insurance and profit.

This work shall not increase the contract time of the contract.

12/14/20

Recommended by: **Jeff Campbell**

Digitally signed by Jeff Campbell
DN: C=US, E=jeff.campbell@jacobs.com,
O=Jacobs, CN=Jeff Campbell
Date: 2020.12.14 14:40:58-0700

Engineer Date

Approved by: _____
Owner Date

Accepted by: _____
Contractor Date

12/16/2020

Approved by: _____
Federal Aviation Administration Date

NOTE: Change orders require FAA approval prior to construction, otherwise no Federal participation can be granted.

PRELIMINARY WEB DOCUMENT

JUSTIFICATION FOR FEDERAL CHANGE

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

Item 1: Concrete structures needing repair or adjustment within the project limits. These structures were not damaged during construction but have degraded since design or are maintenance issues for the Airport. There are a total of 7 structures needing repair/adjustment and they consist of various types of manholes and cleanouts. A CDOT structural concrete mix is proposed for this work due to the low quantity and size of aircraft utilizing Taxiway N.

Item 2: Additional work necessary at the Taxiway C5 VSR to control erosion issues. Riprap, additional grading, topsoil, seeding, and hydro mulching is required beyond what was bid.

Items 3-5: The project documents showed rehabilitation up to the sides of the existing hangars. During construction it was decided to move the limits 18-24' from the edge of the hangars to avoid damaging them. In lieu of new pavement, these areas will receive crack seal and seal coat.

2. Justifications for unit prices or total cost.

Items 1-4: Costs submitted by Asphalt Specialties and approved by CH2M.

Item 5: Asphalt Specialties bid unit price.

Sponsor's Statement of Cost Analysis

The Contractor's prices which were not part of the original bid were verified by CH2M with recent bid tabs for similar work as well a CDOT cost data and determined to be acceptable.

The Airport (Sponsor) recommends that the FAA accept this cost change as evidence of cost reasonableness was provided above.

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

In-house sources.

4. 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 .
5. Has consent of surety been obtained? Yes Not Necessary .
6. Will this change/affect the insurance coverage? Yes No .
7. If yes, will the policies be extended? Yes No .
8. Has this Change Order been discussed with FAA officials?
Yes No When 12/14/20 With Whom Kristin Brownson

Comment _____

PRELIMINARY WEB DOCUMENT