

AGREEMENT

This is an AGREEMENT made and entered into this 3rd day
of October, 2016, by and between the County of Humboldt, a
political subdivision of the State of California (hereinafter referred to as COUNTY)
and Mercer-Fraser Company,

a corporation organized and existing under the laws of the State of California;
hereinafter referred to as "CONTRACTOR".

County and Contractor for the consideration hereinafter named agree as follows:

Section 1 - SCOPE OF WORK

Contractor shall furnish all Labor, Tools and Materials and perform all the work for the:

**GARBERVILLE AIRPORT
RUNWAY, PARALLEL TAXIWAY, AND TAXIWAY
CONNECTORS REHABILITATION AND
RUN-UP APRON IMPROVEMENTS**

**FAA AIP NO.: 3-06-0092-010-2016
CONTRACT NO.: 919275**

in accordance with the contract documents referred to in Section 3 of this Agreement.

Section 2 - CONTRACT PRICE

County shall pay, and Contractor shall accept Contractor's Bid Prices, as shown on EXHIBIT "A" attached hereto and made a part hereof, as full compensation for furnishing all materials and for doing all the work contemplated and embraced in this Agreement; also for all loss or damage, arising out of the work aforesaid, or from the actions of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered in the prosecution of the work until its acceptance by County, and for all risks of every description connected with the work; also for all expenses incurred by or in consequence of the suspension or discontinuance of the work and for well and faithfully completing the work, and the whole thereof, in the manner and according to the Plans and Specifications, and the requirements of the Engineer.

Section 3 - CONTRACT DOCUMENTS

The complete contract between the parties hereto shall consist of the following, hereinafter referred to as the CONTRACT DOCUMENTS:

<ul style="list-style-type: none">• Notice to Contractors• Plans and Drawings• Required Federal Provisions• FAA General Provisions• Bid Form• Bidder's Bond• Performance Bond• Payment Bond• This Agreement• Special Provisions• List of Subcontractors• Bidder's Statement on Previous Contracts Subject to EEO Clause• Certification of Nonsegregated Facilities	<ul style="list-style-type: none">• Certification of Bidder Regarding Affirmative Action Program• Certification Regarding Foreign Trade Restrictions• Buy American Certification• Non-Collusion Affidavit• Non-Lobbying Certification• Suspension and Debarment Requirements• Public Contract Code Sections 10285.1 Statement, 10162 Questionnaire, 10232 Statement• Drug-free workplace
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And as published by the Federal Aviation Administration Advisory Circular 150-5370-10G, and additional Plans and Specifications prepared for this project;

And, as published by the Department of Transportation, State of California, except as modified by the Special Provisions:

- Standard Specifications - dated 2015
- Equipment Rental Rates in effect at the time the work is performed

And, as published by the California Department of Industrial Relations, and U.S. Department of Labor

- General Prevailing Wage Rates
- Labor and Surcharge Rates
- Federal Wage Rates

And any addenda to any of the above documents, all of which are on file in the office of the Director of Public Works of the County of Humboldt. Each of said CONTRACT DOCUMENTS is incorporated and made a part of this Agreement by the reference contained in this Section.

All rights and obligations of the County and the Contractor are fully set forth and described in the Contract Documents. All of the above named documents are intended to be complementary, so that any work called for in one, and mentioned in the other is to be performed and executed the same as if mentioned in all said documents.

Section 4 - BEGINNING OF WORK

Following receipt and full execution and approval of the Contract Documents, and posting of the requisite Bonds as called for therein, the COUNTY will issue a "Notice to Proceed". Under no

circumstances shall the CONTRACTOR enter upon the site of work until receipt of the "Notice to Proceed", or unless so authorized in writing by the COUNTY.

Section 5 - TIME OF COMPLETION

The work called for in this Agreement shall be commenced within fifteen (15) days of the date of execution of the contract by COUNTY and shall be fully completed within a period of 85 calendar days (for Base Bid + Bid Alternate) beginning on the fifteenth calendar day after the date of said approval of contract.

Section 6 - PREVAILING WAGE

Copies of the prevailing wage rates of per diem wages are on file in the Humboldt County Public Works office at 1106 Second Street, Eureka, California, and are available to any interested person on request.

Section 7 - WORKERS' COMPENSATION

By my signature hereunder, as CONTRACTOR, I certify that I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for Workers' Compensation or to undertake self insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

Section 8 - COMPLIANCE WITH LAWS

The Contractor agrees to comply with all local, state, and federal laws and regulations, including but not limited to the Americans With Disabilities Act. The Contractor further agrees to comply with any applicable federal, state or local licensing standards, any applicable accrediting standards, and any other applicable standards or criteria established locally or by the state or federal governments.

This agreement shall be governed by and construed in accordance with the laws of the State of California and as required by the Federal Aviation Administration for projects funded under the Airport Improvement Program.

Section 9 - NOTICES

All notices shall be in writing and delivered in person or transmitted by mail. Notices required to be given to the COUNTY shall be addressed as follows:

Humboldt County Department of Public Works
1106 Second Street, Eureka, California, 95501

Notices required to be given to CONTRACTOR shall be addressed as follows:



PO BOX 1006 Eureka, Ca 95502

Signatures are on following page

IN WITNESS WHEREOF, The parties hereto have entered into this Agreement as of the date first above set forth.

COUNTY OF HUMBOLDT

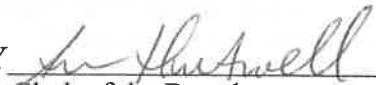
BY 


(SEAL)

Chairman, Board of Supervisors
of the County of Humboldt,
State of California

ATTEST:

KATHY HAYES
Clerk of the Board of Supervisors
of the County of Humboldt,
State of California

BY 
Clerk of the Board

CONTRACTOR
BY 

TITLE President

BY 

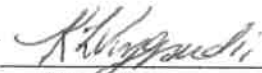
TITLE Office Manager

(Two Signatures Required For Corporation)

APPROVED AS TO FORM:

BY N/A
Deputy County Counsel

INSURANCE CERTIFICATES REVIEWED
AND APPROVED:

BY 
Risk Manager

**BID FORM (EXHIBIT A)
 GARBERVILLE AIRPORT
 RUNWAY, PARALLEL TAXIWAY, AND TAXIWAY CONNECTORS REHABILITATION AND RUN-UP APRON IMPROVEMENTS
 FAA AIP NO.: 3-06-0092-009-2015 (Design) & 3-06-0092-010-2016 (Construction)**

BASE BID

ITEM NO.	SPEC SECTION	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE		TOTAL Price (Figures)
					Figures	in Writing (dollars & cents)	
1	A-100-3.1	Airfield Safety and Traffic Control	LS	1	\$ 25,000.00	Twenty Five Thousand Dollars	\$ 25,000.00
2	A-100-3.2	Construction Staking and Survey Layout	LS	1	\$ 83,989.00	Eighty Three Thousand Nine Hundred Eighty Nine Dollars	\$ 83,989.00
3	A-100-3.3	Public Road and Haul Route Repair Allowance	T&E	1	\$15,000	Fifteen Thousand Dollars	\$15,000
4	A-105-3.1	Mobilization	LS	1	\$ 150,000.00	One Hundred Fifty Thousand Dollars	\$ 150,000.00
5	A-110-4.1	Remove Storm Drain Pipe	LF	740	\$ 9.00	Nine Dollars	\$ 6,660.00
6	A-110-4.2	Remove Catch Basin	EA	4	\$ 3,500.00	Three Thousand Five Hundred Dollars	\$ 14,000.00
7	A-110-4.3	Miscellaneous Removals and Site Preparation	LS	1	\$ 85,000.00	Eighty Five Thousand Dollars	\$ 85,000.00
8	D-701-5.1a	18-inch Storm Drain Pipe, Native Backfill	LF	627	\$ 50.00	Fifty Dollars	\$ 31,350.00
9	D-701-5.1b	18-inch Storm Drain Pipe, CLSM Backfill	LF	173	\$ 180.00	One Hundred Eighty Dollars	\$ 31,140.00
10	D-701-5.1c	24-inch Storm Drain Pipe, Native Backfill	LF	19	\$ 250.00	Two Hundred Fifty Dollars	\$ 4,750.00
11	D-701-5.1d	24-inch Storm Drain Pipe, CLSM Backfill	LF	41	\$ 250.00	Two Hundred Fifty Dollars	\$ 10,250.00
12	D-705-5.1	Perforated Underdrain, 6-inch	LF	1,615	\$ 59.00	Fifty Nine Dollars	\$ 95,285.00
13	D-705-5.2	Clean-out	EA	4	\$ 1,500.00	One Thousand Five Hundred Dollars	\$ 6,000.00
14	D-751-5.1	Catch Basin, Type III	EA	5	\$ 3,000.00	Three Thousand Dollars	\$ 15,000.00

ITEM NO.	SPEC SECTION	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE		TOTAL Price (Figures)
					Figures	in Writing (dollars & cents)	
15	A-115-4.1	Pulverize Asphalt Concrete Pavement and Preparation of Recycled Base	SY	27,790	\$ 2.00	Two Dollars	\$ 55,580.00
16	A-115-4.2	Sawcut Asphalt Concrete Pavement	LF	560	\$ 10.00	Ten Dollars	\$ 5,600.00
17	A-115-4.3	Trim Grade Base Surface	SY	32,400	\$ 2.00	Two Dollars	\$ 64,800.00
18	P-152-4.1	Unclassified Excavation	CY	2,760	\$ 13.00	Thirteen Dollars	\$ 35,880.00
19	P-152-4.2	Unclassified Excavation, Off-Haul Excess Material	CY	2,170	\$ 21.00	Twenty One Dollars	\$ 45,570.00
20	P-152-4.3	Excavation Below Subgrade	CY	510	\$ 22.00	Twenty Two Dollars	\$ 11,220.00
21	P-156-5.2	Storm Water Pollution Prevention Plan (SWPPP) Preparation, Management and Monitoring	LS	1	\$ 12,000.00	Twelve Thousand Dollars	\$ 12,000.00
22	P-156-5.1a	Silt Fence	LF	260	\$ 8.00	Eight Dollars	\$ 2,080.00
23	P-156-5.1b	Straw Wattles	LF	2,360	\$ 7.00	Seven Dollars	\$ 16,520.00
24	P-156-5.1c	Inlet Protection	EA	5	\$ 500.00	Five Hundred Dollars	\$ 2,500.00
25	P-156-5.3	Additional Best Available Technology Work Allowance	T&E	1	\$ 5,000	Five Thousand Dollars	\$ 5,000
26	P-209-5.1	Crushed Aggregate Base Course, P-209	TON	1,500	\$ 38.00	Thirty Eight Dollars	\$ 57,000.00
27	P-403-8.1	Bituminous Surface Course, P-403	TON	4,600	\$ 135.00	One Hundred Thirty Five Dollars	\$ 621,000.00
28	P-602-5.1	Bituminous Prime Coat	TON	37	\$ 700.00	Seven Hundred Dollars	\$ 25,900.00
29	P-620-5.1a	Pavement Markings, Yellow, With Reflective Media	SF	2,500	\$ 4.00	Four Dollars	\$ 10,000.00
30	P-620-5.1b	Pavement Markings, White, With Reflective Media	SF	12,500	\$ 2.00	Two Dollars	\$ 25,000.00
31	P-620-5.1c	Pavement Markings, Black	SF	5,800	\$ 1.00	One Dollar	\$ 5,800.00

32	A-600-5.1	Runway Threshold Survey Monument	E.A	2	\$ 1,000.00	One Thousand Dollars	\$ 2,000.00
33	A-910-6.1	Permanent Hydroseeding	ACRE	6	\$ 3,000.00	Three Thousand Dollars	\$ 18,000.00
TOTAL Base Bid in Figures							\$ 1,594,874.00
Total Base Bid in Writing: One Million Five Hundred Ninety Four Thousand Eight Hundred Seventy Four Dollars							

Garberville Airport
Humboldt County – Garberville, CA
Runway, Parallel Taxiway, and Taxiway Connectors Rehabilitation and
Run-up Apron Improvements

PF-5

Division 1
Proposal Forms
Bid Set

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BID ALTERNATE

ITEM NO.	SPEC SECTION	ITEM DESCRIPTION	UNIT	QTY	UNIT PRICE		TOTAL Price (Figures)
					Figures	in Writing (dollars & cents)	
A-1	A-100-3.1	Airfield Safety and Traffic Control	LS	1	\$ 15,000.00	Fifteen Thousand Dollars	\$ 15,000.00
A-2	A-100-3.2	Construction Staking and Surveying	LS	1	\$ 15,000.00	Fifteen Thousand Dollars	\$ 15,000.00
A-3	A-105-3.1	Mobilization	LS	1	\$ 35,000.00	Thirty Five Thousand Dollars	\$ 35,000.00
A-4	A-110-4.3	Miscellaneous Removals and Site Preparation	LS	1	\$ 33,000.00	Thirty Three Thousand Dollars	\$ 33,000.00
A-5	A-115-4.1	Pulverize Asphalt Concrete Pavement and Preparation of Recycled Base	SY	8,980	\$ 2.00	Two Dollars	\$ 17,960.00
A-6	A-115-4.2	Sawcut Asphalt Concrete Pavement	LF	(290)	\$ 0.10	Ten Cents	\$ (29.00)
A-7	A-115-4.3	Trim Grade Base Surface	SY	16,500	\$ 2.50	Two Dollars and Fifty Cents	\$ 41,250.00
A-8	P-152-4.1	Unclassified Excavation	CY	1,120	\$ 15.00	Fifteen Dollars	\$ 16,800.00
A-9	P-152-4.2	Unclassified Excavation, Off-Haul Excess Material	CY	940	\$ 25.00	Twenty Five Dollars	\$ 23,500.00
A-10	P-152-4.3	Excavation Below Subgrade	CY	230	\$ 20.00	Twenty Dollars	\$ 4,600.00
A-11	P-156-5.1a	Silt Fence	LF	220	\$ 8.00	Eight Dollars	\$ 1,760.00
A-12	P-156-5.1b	Straw Wattles	LF	2,240	\$ 7.00	Seven Dollars	\$ 15,680.00
A-13	P-156-5.2	Storm Water Pollution Prevention Plan (SWPPP) Preparation, Management and Monitoring	LS	1	\$ 7,500.00	Seven Thousand Five Hundred Dollars	\$ 7,500.00
A-14	P-209-5.1	Crushed Aggregate Base Course, P-209	TON	1,650	\$ 45.00	Forty Five Dollars	\$ 74,250.00
A-15	P-403-8.1	Bituminous Surface Course, P-403	TON	2,030	\$ 120.00	One Hundred Twenty Dollars	\$ 243,600.00
A-16	P-602-5.1	Bituminous Prime Coat	TON	17	\$ 625.00	Six Hundred Twenty Five Dollars	\$ 10,625.00
A-17	P-620-5.1a	Pavement Markings, Yellow, With Reflective Media	SF	6,480	\$ 3.00	Three Dollars	\$ 19,440.00

Garberville Airport

Humboldt County – Garberville, CA

Runway, Parallel Taxiway, and Taxiway Connectors Rehabilitation and

Run-up Apron Improvements

PF-6

Division 1

Proposal Forms

Bid Set

A-18	P-620-5.1c	Pavement Markings, Black	SF	8,180	\$ 1.00	One Dollar	\$ 8,180.00
A-19	A-910-6.1	Permanent Hydroseeding	ACRE	1	4,000.00	Four Thousand Dollars	4,000.00
TOTAL Bid Alternate in Figures							\$ 587,116.00
TOTAL Bid Alternate in Writing: Five Hundred Eighty Seven Thousand One Hundred Sixteen Dollars							

Total Base Bid + Bid Alternate 1 (in figures) \$ 2,181,990.00

Total Base Bid + Bid Alternate 1 (in words) Two Million One Hundred Eighty One Thousand Nine Hundred Ninty Dollars

Acknowledgment of Addenda

Addendum No. Initial

1 E



 Signature/Title Justin Zabel, President

_____ Mercer-Fraser Company
 Company

_____ 105709 1/31/2017
 Contractor's License Number/Expiration Date

NOTE: Contractor License Number and Expiration Date stated herein are made under penalty of perjury.

AIP NO. 3-06-0092-010-2016

CHANGE ORDER NO. 1

AIRPORT Garberville Airport

LOCATION Humboldt County

JUSTIFICATION FOR CHANGE

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

During the installation of the storm drain pipe for Line 2 (24-inch storm drain pipe) and Line 5 (18-inch storm drain pipe) as detailed on the Project Plan Sheets C-210 and C-213 respectively, it was discovered during the excavation that the existing corrugated metal pipe for the proposed storm drain pipe join location is rusted and in poor condition.

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

The additional storm drain pipe is necessary to effectively drain the airfield pavements and infield areas.

A Request for Cost Proposal for an extension of existing bid schedule quantities was prepared and the Contractor held the unit bid prices for the additional work. With FAA and County concurrence, a Field Directive was issued to proceed with the work as included as an attachment.

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

County reserve funds

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 Not Applicable

8. Has this Change Order been discussed with FAA officials? Yes No

When: 7/28/17

With Whom: Mr. Ron Biaoco

Comment(s):

Attachment: Field Directive no. 1 – Additional Storm Pipe Installation, dated July 29, 2017



Field Directive #01

To: Walt Hurst
Mercer-Fraser Co.

From: Jeff Leonard

Date: 29 July 2017

Project: Garberville Airport – Runway, Parallel Taxiway and Taxiway Connectors Rehabilitation, and Run-up Apron Improvements
County Contract No.: 919275; AIP Project No.: 3-06-0092-010-2016

Subject: Additional Storm Drain Pipe Installation

<input type="checkbox"/> Clarification	<input type="checkbox"/> Design Modification	<input checked="" type="checkbox"/> Design Addition
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Mercer Fraser provided the costs for RFCP 01, Additional Storm Drain Pipe Installation on July 28, 2017 with the proposed unit prices equal to the bid unit prices. The County and the FAA concurred with proceeding with the work as recommended by Mead & Hunt. Please proceed with the additional storm drain pipe installation.

This extra work will be compensated, at the agreed unit prices with actual quantities of work measured in the field, in accordance with the bid items. The additional work will be incorporated into a change order.

Attachment: Request for Cost Proposal No. 1 with Mercer Fraser Unit Costs

Change Order Required	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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Sincerely,

MEAD & HUNT, Inc.

Jeff Leonard, PE
Project Manager



REQUEST FOR COST PROPOSAL

OWNER - Humboldt County
1106 Second Street, Eureka, CA 95501
Ph: 707-445-7377 Fax: 707-445-7409

ARCHITECT / ENGINEER – Mead & Hunt, Inc.
1360 19th Hole Drive, Suite 200
Windsor, CA 95492
Ph: 707-526-5010

PROJECT: Garberville Airport
Runway, Parallel Taxiway, and
Taxiway Connectors Rehabilitation
and Run-up Apron Improvements

REQUEST NO.: 001
Date: July 27, 2017

Contract No.: 919275
AIP Nos.: 3-06-0092-010-2016
M&H No.: 4061700-161246.01

RFI No.:
LOI No.:
Cc:

To: Walt Hurst
CONTRACTOR: Mercer-Fraser Co.
77 W. 2nd Street
Eureka, CA 95501
Ph: 707-443-6371

SUBJECT: Additional Storm Drain Pipe Installation

INSTRUCTIONS:

Please submit an itemized quote for the adjustment to the Contract Sum and Contract Time for the following change in the work (note any credits) using the Cost Proposal form. The scope of work will be modified only as herein specifically set forth and in all other respects remains unaltered. Your quotation is to be for the complete compensation and time extension including field and office overhead, profit, supervision, and any other costs.

YOU ARE NOT AUTHORIZED TO PROCEED WITH THIS CHANGE

DESCRIPTION OF CHANGE:

During the installation of the storm drain pipe for Line 2 (24-inch storm drain pipe) and Line 5 (18-inch storm drain pipe), it was discovered during the excavation that the existing corrugated metal pipe for the proposed storm drain pipe join location is rusted and in poor condition. Please provide a cost proposal for extending the 24-inch and 18-inch storm drain lines to the nearest downstream structure and include costs for connection to the structure. The existing storm drain lines are to be removed as well.

The following table represents quantity adjustments to current bid items. Based on quantity adjustments, please provide an updated unit price value, if different than detailed in the Contract (as shown below). Please note, the 24-inch storm drain pipe extension is within paved limits. The asphalt concrete for paving the surface and aggregate base for pavement section per Detail 2/C-451 shall be included in the tonnage for Bituminous Surface Course and Crushed Aggregate Base Course, respectively. Please note, pricing for existing bid items shall be in accordance with FAA General Provisions 40-02, Alternation of work and quantities.

Item	Description	Unit	Bid Quantity	Bid Unit Price	Additional Quantity	Unit Price	Total
5	Remove Storm Drain Pipe	LF	740	\$9.00	125	9 ⁻	1125 ⁻
8	18-inch Storm Drain Pipe, Native Backfill	LF	627	\$50.00	45	50 ⁻	2250 ⁻
11	24-inch Storm Drain Pipe, CLSM Backfill	LF	41	\$250.00	80	250 ⁻	20,000 ⁻
16	Sawcut Asphalt Concrete Pavement	LF	560	\$10.00	160	10 ⁻	1,600 ⁻

ATTACHMENTS:

None.

Issued By: Jeff Leonard
 Jeffrey Leonard, PE

Project Manager – Mead & Hunt
 Title

July 27, 2017
 Date

CONTRACT CHANGE ORDER NO. 2

AIRPORT Garberville Airport **Date** September 29, 2017
LOCATION Humboldt County **AIP No.** 3-06-0092-010-2016
CONTRACTOR Mercer-Fraser Co. **Project** Runway, Parallel Taxiway, and
Taxiway Connectors Rehabilitation
and Run up Apron Improvement

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
20	Excavation Below Subgrade	CY	\$22.00	638	\$14,036.00
26	Crushed Aggregate Base Course, P-209	TON	\$38.00	1,650	\$62,700.00
New Item - 34	Subgrade Stabilization, Cement Treat, 12-Inch Depth	SY	\$12.95	16,680	\$216,006.00
This Change Order Total					\$292,742.00
Previous Change Order(s) Total					\$24,975.00
Original Contract Total					\$2,181,990.00
Revised Contract Total					\$2,499,707.00

The time provided for completion in the contract is (unchanged) (decreased) (increased) as additional days requested have been deferred at the request of the Contractor. This document shall become an amendment to the contract and all provisions of the contract will apply.

Recommended by: Jeffrey Leonard 10-6-17
Jeffrey Leonard, PE, Engineer (Mead & Hunt, Inc.) Date

Approved by: Tom Mattson 10/18/17
Tom Mattson, PE, Sponsor (Humboldt County) Date

Accepted by: Walt Hurst 9-29-2017
Walt Hurst, Contractor (Mercer Fraser Co.) 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.

AIP NO. 3-06-0092-010-2016

CHANGE ORDER NO. 2

AIRPORT Garberville Airport

LOCATION Humboldt County

JUSTIFICATION FOR CHANGE

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

During preparation of the underlying base grade, several areas on the project were unstable. Drying techniques were implemented and areas unstable were over-excavated and stabilized as directed by the County. Additional areas within the proposed runway and taxiway pavement areas remain unstable for which a cement treatment process is the preferred method to stabilize based on a more affordable cost per unit price versus Over-Excavation Below Subgrade.

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

During the design, a geotechnical investigation was performed which included 17 test borings. In four of the borings, groundwater was encountered at shallow elevations. As a result of the wet in-situ materials, the Contract Documents included requirements for drying techniques for the Contractor to implement to try and stabilize yielding subgrade. The Contractor ripped, windrowed, turned, and manipulated yielding areas with a dozer for a minimum of 3 days. Although several yielding areas were stable after the drying process, there were still unstable areas. The bid quantities included areas of 3% of the area under pavement for excavation below subgrade which include the removal of a minimum of 2 feet of material, placement of a geotextile fabric, and backfill with recycled base. Due to the unstable areas, it was observed the areas which needed to be stabilized and a more cost-effective approach was investigated which included the cement treatment process.

Bid Item 20 and 26 for Excavation Below Subgrade and Crushed Aggregate Base Course P-209, respectively, are to adjust the contract quantities for the Excavation Below Subgrade and necessary quantity of base to offset the backfill performed as measured in the field by the County and Contractor. The Excavation Below Subgrade is the final field measured quantity and the Crushed Aggregate base Course, P-209 will be measured and paid per Sections 209-4.1 and 209-5.1 of the Special Provisions.

A Request for Cost Proposal (RFCP) and subsequent price by the Contractor was prepared for the cement treating of the unstable aggregate base and subgrade layer. With FAA and County concurrence, a Field Directive will be issued to proceed with the work as included in the attached RFCP. The change order quantity of subgrade stabilization with cement treating the subgrade to a 12-inch depth with 5% cement is the final field measured quantity. This work is designated as a new bid item 34.

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

County reserve funds.

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 Not Applicable

8. Has this Change Order been discussed with FAA officials? Yes No

When: 8/24/2017

With Whom: Mr. Ron Biaoco

Comment(s):

Attachment: Request for Cost Proposal No. 2, Revision 1, dated September 14, 2017

CONTRACT CHANGE ORDER NO. 3 - FINAL

AIRPORT Garberville Airport **Date** October 4, 2018

LOCATION Humboldt County **AIP No.** 3-06-0092-010-2016


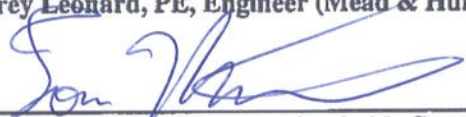

CONTRACTOR Mercer-Fraser Co. **Project** Runway, Parallel Taxiway, and
Taxiway Connectors Rehabilitation
and Run up Apron Improvement

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
3	Public Road and Haul Route Repair Allowance	T&E	\$15,000.00	(1)	(\$15,000.00)
4	Mobilization	LS	\$150,000.00	(4%)	(\$6,000.00)
25	Additional Best Available Technology Work Allowance	T&E	\$5,000.00	(1)	(\$5,000.00)
26	Crushed Aggregate Base Course, P-209	TON	\$38.00	1978.79	\$75,194.02
27	Bituminous Surface Course, P-403	TON	\$135.00	(307.97)	(\$41,575.95)
28	Bituminous Prime Coat	TON	\$700.00	(37)	(\$25,900.00)
33	Permanent Hydroseeding	ACRE	\$3,000.00	(3.75)	(\$11,250.00)
BA-9	Unclassified Excavation, Off-Haul Excess Material	CY	\$25.00	100	\$2,500.00
BA-10	Excavation Below Subgrade	CY	\$20.00	(68)	(\$1,360.00)
BA-14	Crushed Aggregate Base Course, P-209	TON	\$45.00	505.40	\$22,743.00
BA-15	Bituminous Surface Course, P-403	TON	\$120.00	(128.62)	(\$15,434.40)
BA-16	Bituminous Prime Coat	TON	\$625.00	(17)	(\$10,625.00)
New Item-35	Liquidated Damages for Construction Schedule Delays	LS	\$90,000.00	(1)	(\$90,000.00)
			FAA Share	Local Share	Total
This Change Order Total			(\$109,537.50)	(\$12,170.83)	(\$121,708.33)
Previous Change Order(s) Total (CCO Nos. 1 & 2)			\$285,945.30	\$31,771.70	\$317,717.00
Original Contract Value			\$1,963,791.00	\$218,199.00	\$2,181,990.00
Revised Contract Value			\$2,140,198.80	\$237,799.87	\$2,377,998.67

The time provided for completion in the contract has been exceeded. As a result, the County has applied liquidated damages (New Bid Item 35) in the amount of actual losses incurred.

This document shall become an amendment to the contract and all provisions of the contract will apply.

Recommended by:	 Jeffrey Leonard, PE, Engineer (Mead & Hunt, Inc.)	<u>10/16/18</u> Date
Approved by:	 Tom Mattson, PE, Sponsor (Humboldt County)	<u>10/19/18</u> Date
Accepted by:	 Mark Benzinger, Contractor (Mercer Fraser Co.)	<u>10/15/18</u> 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.

AIP NO. 3-06-0092-010-2016

CHANGE ORDER NO. 3 - FINAL

AIRPORT Garberville Airport

LOCATION Humboldt County

JUSTIFICATION FOR CHANGE

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

This final change order accounts for the adjustments of the final project quantities as measured in the field. Also included in the final change order are the liquidated damages for the project exceeding the contract time constraints and financial losses to the County.

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

Item No.	Description	Reason for Change
3	Public Road and Haul Route Repair Allowance	Deducted from the Contract as not needed
4	Mobilization	Reduced by \$6,000 as the County used pilot's lounge for office space in lieu of field office
25	Additional Best Available Technology Work Allowance	Deducted from the Contract as not needed
26	Crushed Aggregate Base Course, P-209	Increased quantity based on field-measured weigh tickets
27	Bituminous Surface Course, P-403	Reduced quantity based on field-measured weigh tickets
28	Bituminous Prime Coat	Removed from the Contract under Field Directive No. 3, dated October 23, 2017
33	Permanent Hydroseeding	Reduced quantity based on field-measured areas treated
BA-9	Unclassified Excavation, Off-Haul Excess Material	Increased quantity based on field-measured volume hauled off
BA-10	Excavation Below Subgrade	Reduced quantity based on field-measured volume overexcavated
BA-14	Crushed Aggregate Base Course, P-209	Increased quantity based on field-measured weigh tickets
BA-15	Bituminous Surface Course, P-403	Reduced quantity based on field-measured weigh tickets
BA-16	Bituminous Prime Coat	Removed from the Contract under Field Directive No. 3, dated October 23, 2017
New Item- 35	Liquidated Damages for Construction Schedule Delays	County-incurred financial burden for project exceeding contract time

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

County reserve funds.

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 Not Applicable

8. Has this Change Order been discussed with FAA officials? Yes No

When: -

With Whom: N/A

Comment(s):

Final balancing change order (deductive).