

**AMENDMENT NO. 32
TO
AGREEMENT FOR ENGINEERING SERVICES
CITY OF BILLINGS AVIATION AND TRANSIT DEPARTMENT**

DATED April 10, 2017

This AMENDMENT, made and entered into on _____ by and between the following:

City of Billings, Montana, a Municipal Corporation, PO Box 1178
Billings, Montana 59103, hereinafter designated the OWNER

and

Morrison-Maierle, Inc., 315 N. 25th Street, Suite 102, Billings, Montana 59101,
a private Montana Corporation, hereinafter designated as the ENGINEER

WITNESSETH:

WHEREAS, the OWNER and the ENGINEER have entered into an Agreement for Professional Airport Engineering service contract dated April 10, 2017, and;

WHEREAS, the OWNER has a need for additional engineering services, and;

WHEREAS, the ENGINEER represents that he/she is qualified to perform such services, is in compliance with the Montana Statutes relating to the registration of professional engineers and is willing to furnish such services to the OWNER;

NOW, THEREFORE, in consideration of the terms, conditions, covenants and performance contained herein, or attached and incorporated herein, the parties hereto agree to amend the April 10, 2017 Agreement, corresponding amendments to this Agreement, and all related exhibits as follows:

ARTICLE I – SCOPE OF SERVICES

The following items of work listed below are added and amended by Amendment Thirty-Two (32) for the Westend Taxilane Extension project.

The general scope of work is to prepare plans and specifications, provide bidding assistance, and construction observation to extend the taxilane approximately 325 feet for hangar development.

Phase I – Design

Phase I services to be provided will include:

- Coordinate with Geotechnical firm contracted directly with the Airport for the geotechnical investigations and report for the extension. The existing information we have on file for the existing taxilane does not meet the current FAA standards. We need 2-3 cores south of the existing pavement to get an accurate design. This will be coordinated by Morrison Maierle and paid for directly by the Airport to the Geotechnical firm hired.
- Use the new/current FAA design report, specification, and pavement design AC.
- 100% design documents including drawings, specifications, and cost estimate.
- Submit final plans and specifications to the FAA for approval prior to bidding.
- Submit all the documents to FAA as the project moves along for future grant reimbursement.
- AGIS construction survey – FAA requirement for AIP projects. We will submit final information (drainage, elevations of TL) into the system.

Phase II – Bidding and Construction

Phase II services to be provided will include:

Bidding

- Prepare Bidding Documents.
- Manage the overall bidding process, including bid advertisement, coordination with contractors, conduct a pre-bid conference, and answer bidding questions in a formal addendum.
- Attend bid opening, evaluate bids, and prepare an award recommendation.
- Prepare and coordinate construction contract and supply one hard copy to the Owner.

Construction

- Manage the construction contract, including incorporating any changes from bidding into the documents, conduct a pre-construction conference, and coordination with Prime contractor.
- Conduct construction Survey – drainage, subgrade, base course, and asphalt lifts.
- Coordination with Owner and Contractor, including conducting and documenting a pre-construction conference and progress meetings (anticipated to be weekly).
- Review Shop Drawings.
- Review/process Change Orders.
- Review/process Pay Requests.
- Conduct substantial and final completion walkthroughs.
- Prepare record drawings and FAA certifications.

Resident Project Representative (RPR)

- On-site observation is based on 45 calendar day construction schedule, 6 hours/day, 5 days/week.

ARTICLE II - ENGINEERING FEES

The items discussed above are finalized items of work that the Owner will fund.

Phase I – Design

The services identified for Phase I of Amendment 32 will be accomplished for a lump sum fee of **\$39,170** per the Method A - Fee Determination as outlined in the original Agreement dated **April 10, 2017**. See Table 1A for Engineering Budget.

Phase II – Bidding and Construction

The services identified for Phase II of Amendment 32 will be accomplished at a cost-plus fixed fee with a ceiling price not to exceed **\$59,463** as per Method B - Fee Determination as outlined in the original Agreement dated **April 10, 2017**. See Table 2A for Engineering Budget.

**COST SUMMARY OF
AIP Funded - Future**

Description		Labor & Expenses	Fixed Fee	Total Phase I	Total Phase II
<u>West Taxilane Extension</u>					
Phase I - Design	Table 1A	\$39,170		\$39,170	
Phase II - Construction Administration	Table 2A	\$52,555	\$6,908		\$59,463
Subtotal Item 1				\$39,170	\$59,463
Total This Amendment					\$98,633

TABLE 1A

**Amendment 32
ENGINEERING BUDGET
PHASE I - Design Phase**

Engineering Services PHASE I - Design Phase	Total Man-hours	Labor Rate	Total
Professional Services for	303	\$112.03	\$33,999
Expenses			
Vehicle (Company)		\$17	
Vehicle (Rental)		\$0	
Air Travel (Commercial)		\$0	
Air Travel (Charter)		\$0	
Meals		\$0	
Lodging		\$0	
Survey Supplies		\$0	
Survey Equipment		\$0	
Printing		\$45	
Full Size ALP Printing + Postage		\$0	
Total Expenses		\$62	
Professional Charges		\$0 subconsultants	

Total MU Labor	\$33,999
Total Direct Expenses	\$62
Total Fixed Fee	\$5,109
Total MU Labor & Expenses & Fixed Fee	\$39,170
Professional Expenses	\$0
Total Lump Sum for Design Phase	\$39,170

TABLE 2A

**Amendment 32
ENGINEERING BUDGET
PHASE II - Construction Administration**

Engineering Services	Total		
PHASE II - Construction Administration	Man-hours	Labor Rate	Total
Professional Services	332	\$135.33	\$44,928

Expenses

Vehicle (Company)	\$168
Vehicle (Rental)	\$0
Air Travel (Commercial)	\$0
Air Travel (Charter)	\$0
Meals	\$0
Lodging	\$0
Survey Supplies	\$0
Survey Equipment	\$960
Printing	\$0
Full Size ALP Printing + Postage	\$0
Total Expenses	\$1,128
 Professional Charges	 \$6,500 consultants

Total MU Labor	\$44,928
Total Direct Expenses	\$1,128
Total MU Labor & Expenses	<u>\$46,055</u>
Fixed Fee	\$6,908
Professional Expenses	\$6,500
Total Cost Plus Fixed Fee for Construction Phase	<u>\$59,463</u>

IN WITNESS WHEREOF, the parties hereto have made and executed the Amendment No. 32 on

_____.

CONSULTANT

Morrison-Maierle, Inc.

BY: *Jill A. Cook*

DATE: 2/22/2022

OWNER

City of Billings

BY: _____
William A. Cole, Mayor

DATE: _____

ATTEST:

BY: _____
City Clerk

APPROVED AS TO FORM:

BY: _____
City Attorney

Summary of Agreements for Professional Engineering Services				
Description		Labor & Expenses	Fixed Fee	Total
Amendment No. 1 Curb and Sidewalk Construction				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$14,391	\$0	\$14,391
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$10,979	\$1,504	\$12,483
TOTAL Amendment No. 1		\$25,370	\$1,504	\$26,874
Amendment No. 2 Gate 33/BFS Access Road				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$6,992	\$0	\$6,992
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 2		\$6,992	\$0	\$6,992
Amendment No. 3 IP 8 Building and Site Plan				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$62,104	\$0	\$62,104
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$25,561	\$3,642	\$29,203
TOTAL Amendment No. 3		\$87,665	\$3,642	\$91,307
Amendment No. 4 AIP 057-2018 ARFF Ramp Rehabilitation				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$68,521	\$0	\$68,521
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$59,694	\$8,541	\$68,235
TOTAL Amendment No. 4		\$128,215	\$8,541	\$136,756
Amendment No. 5 Airline Support Facility and Site Plan				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$21,566	\$0	\$21,566
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$9,920	\$1,409	\$11,329
TOTAL Amendment No. 5		\$31,486	\$1,409	\$32,895
Amendment No.6 PFC Snow Removal Equipment				
PHASE I - DESIGN - SNOW CUPPING BLADE	TABLE 1a	\$4,835	\$0	\$4,835
PHASE I - DESIGN - SNOW REMOVAL EQUIPMENT	TABLE 1a	\$4,834	\$0	\$4,834
TOTAL Amendment No.6		\$9,669	\$0	\$9,669
Amendment No. 7 Executive Hangar Access Road				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$5,986	\$0	\$5,986
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$3,980	\$576	\$4,556
TOTAL Amendment No. 7		\$9,966	\$576	\$10,542
Amendment No. 8 Pavement Condition Index Survey				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$67,714	\$0	\$67,714
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 8		\$67,714	\$0	\$67,714
Amendment No. 9 2016 Land Acquisition-Project Management				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$12,837	\$0	\$12,837
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 9		\$12,837	\$0	\$12,837

Summary of Agreements for Professional Engineering Services (Cont.)				
Description		Labor & Expenses	Fixed Fee	Total
Amendment No. 10 2018 Chiller Replacement				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$35,994	\$0	\$35,994
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 10		\$35,994	\$0	\$35,994
Amendment No. 11 2018 Long Term Parking Lot Improvements				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$25,254	\$0	\$25,254
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$28,243	\$4,028	\$32,271
TOTAL Amendment No. 11		\$53,497	\$4,028	\$57,525
Amendment No. 12 AIP Commercial Concrete Apron				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$214,628	\$0	\$214,628
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 12		\$214,628	\$0	\$214,628
Amendment No. 13 Makeup Air Unit Replacement				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$20,973	\$0	\$20,973
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 13		\$20,973	\$0	\$20,973
Amendment No. 13 On Call Contract 2019				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$20,000	\$0	\$20,000
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 13		\$20,000	\$0	\$20,000
Amendment No. 14 ARFF and SCBA Gear				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$21,557	\$0	\$21,557
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 14		\$21,557	\$0	\$21,557
Amendment No. 15 QTA Camera Replacement				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$14,123	\$0	\$14,123
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 15		\$14,123	\$0	\$14,123
Amendment No. 16 Transit On Call Contract 2020				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$24,999	\$0	\$24,999
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 16		\$24,999	\$0	\$24,999
Amendment No. 17 Steam Boiler Replacement				
PHASE I - DESIGN - ITEM 1	TABLE 1a	\$10,000	\$0	\$10,000
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a	\$0	\$0	\$0
TOTAL Amendment No. 17		\$10,000	\$0	\$10,000

Summary of Agreements for Professional Engineering Services (Cont.)				
Description		Labor & Expenses	Fixed Fee	Total
Amendment No. 18 AIP 060-2019 Concrete Apron Construction				
PHASE I - DESIGN	TABLE 1A	\$136,902	\$0	\$136,902
PHASE II - CONSTRUCTION	TABLE 2A	\$295,116	\$36,169	\$331,285
TOTAL Amendment No. 18		\$432,018	\$36,169	\$468,187
Amendment No. 19 On Call Aviation Contract 2020				
PHASE I - DESIGN	TABLE 1A	\$24,999	\$0	\$24,999
PHASE II - CONSTRUCTION	TABLE 2A	\$0	\$0	\$0
TOTAL Amendment No. 19		\$24,999	\$0	\$24,999
Amendment No. 20 RWY 7/25 Preliminary Design				
PHASE I - DESIGN	TABLE 1A	\$281,289	\$0	\$281,289
PHASE II - CONSTRUCTION	TABLE 2A	\$0	\$0	\$0
TOTAL Amendment No. 20		\$281,289	\$0	\$281,289
Amendment No. 21 Rimtop Road Overlay				
PHASE I - DESIGN	TABLE 1A	\$9,902	\$0	\$9,902
PHASE II - CONSTRUCTION	TABLE 2A	\$4,071	\$600	\$4,671
TOTAL Amendment No. 21		\$13,973	\$600	\$14,573
Amendment No. 22 On Call Aviation Contract 2021				
PHASE I - DESIGN	TABLE 1A	\$24,999	\$0	\$24,999
PHASE II - CONSTRUCTION	TABLE 2A	\$0	\$0	\$0
TOTAL Amendment No. 22		\$24,999	\$0	\$24,999
Amendment No. 23 Transit On Call Contract 2021				
PHASE I - DESIGN	TABLE 1A	\$24,999	\$0	\$24,999
PHASE II - CONSTRUCTION	TABLE 2A	\$0	\$0	\$0
TOTAL Amendment No. 23		\$24,999	\$0	\$24,999
Amendment No. 24 Fiber Installation				
PHASE I - DESIGN	TABLE 1A	\$13,835	\$0	\$13,835
PHASE II - CONSTRUCTION	TABLE 2A	\$7,910	\$1,187	\$9,097
TOTAL Amendment No. 24		\$21,745	\$1,187	\$22,932
Amendment No. 25 Electric Car Charging Stations				
PHASE I - DESIGN	TABLE 1A	\$10,500	\$0	\$10,500
PHASE II - CONSTRUCTION	TABLE 2A	\$0	\$0	\$0
TOTAL Amendment No. 25		\$10,500	\$0	\$10,500
Amendment No. 26 Apron Construction Schedule 3				
PHASE I - DESIGN	TABLE 1A	\$81,593	\$0	\$81,593
PHASE II - CONSTRUCTION	TABLE 2A	\$149,717	\$19,458	\$169,175
TOTAL Amendment No. 26		\$231,310	\$19,458	\$250,768

Summary of Agreements for Professional Engineering Services (Cont.)					
Amendment No. 27		West Hangar Utilities & Road Development			
PHASE I - DESIGN	TABLE 1A	\$44,101	\$0		\$44,101
PHASE II - CONSTRUCTION	TABLE 2A	\$66,994	\$10,049		\$77,043
TOTAL Amendment No. 27		\$111,095	\$10,049		\$121,144
Amendment No. 28		On Call Aviation Contract 2022			
PHASE I - DESIGN	TABLE 1A	\$24,999			\$24,999
PHASE II - CONSTRUCTION	TABLE 2A	\$0	\$0		\$0
TOTAL Amendment No. 28		\$24,999	\$0		\$24,999
Amendment No. 29		MET - Training Lot Rehabilitation			
PHASE I - DESIGN	TABLE 1A	\$69,397			\$69,397
PHASE II - CONSTRUCTION	TABLE 2A	\$71,261	\$10,689		\$81,950
TOTAL Amendment No. 29		\$140,658	\$10,689		\$151,347
Amendment No. 30		Pavement Condition Index Study			
PHASE I - DESIGN	TABLE 1A	\$56,536			\$56,536
PHASE II - CONSTRUCTION	TABLE 2A				
TOTAL Amendment No. 30		\$56,536	\$0		\$56,536
Amendment No. 31		2022 Logan Tower Painting			
PHASE I - DESIGN	TABLE 1A	\$35,494			\$35,494
PHASE II - CONSTRUCTION	TABLE 2A	\$16,862	\$2,529		\$19,391
TOTAL Amendment No. 31		\$52,356	\$2,529		\$54,885
Amendment No. 32		AIP Funded TL West Extension			
PHASE I - DESIGN	TABLE 1A	\$39,170			\$39,170
PHASE II - CONSTRUCTION	TABLE 2A	\$52,555	\$6,908		\$59,463
TOTAL Amendment No. 32		\$91,725	\$6,908		\$98,633