

**AMENDMENT NO. 26  
TO  
AGREEMENT FOR ENGINEERING SERVICES  
CITY OF BILLINGS AVIATION AND TRANSIT DEPARTMENT**

**DATED April 9, 2012**

This Amendment No. 26 made and entered into this \_\_\_\_\_ day of May, 2016 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. 25<sup>th</sup> Street, Suite 102, Billings, Montana 59102,  
a private Montana Corporation, hereinafter designated as the ENGINEER

**WITNESSETH:**

WHEREAS, the OWNER and the ENGINEER have entered into a contract dated April 9, 2012 for ENGINEER to provide engineering services to OWNER for 2016 West Sanitary Sewer Extension

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

WHEREAS, the ENGINEER represents that he 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 9, 2012 Agreement, corresponding amendments to this Agreement, and all related exhibits as follows:

ARTICLE 1 - SCOPE OF SERVICES. The following items of work listed below are added and amended by the Amendment 26 to Phase I - Design Plans and Specifications, Design Surveys, Design Testing, and AGIS.

For Phase II – Construction Phase, Amendment 26 includes all of the items defined in the original Agreement, plus the following item of work: The ENGINEER shall provide Construction Layout services in accordance with the Master Agreement. Construction Layout includes, but is not limited to, field marking of the following: lines, offsets, pipe inverts, material quantities, preliminary grades, and finished grades, and their associated staking notes. The ENGINEER shall provide the Contractor with a copy of the staking notes in a timely manner.

Engineering fees for providing the scope of work are based on the methods described in Article II of the original agreement.

Scope of Work is amended to include the following Item description:

**ITEMS DESCRIPTION**

Items for Amendment 26 (Twenty-Six):

1. **2016 West Sanitary Sewer Extension – Scope of Work.**
  - a. Install 8” PVC sanitary sewer (SS) main from the existing SS manhole west of Gate 24 to the north of Edwards hangar. The SS will be installed through Edwards lease and access shall be maintained to the east. The SS will be installed to the west, parallel to Taxiway H outside the OFA to the west airport access road. The SS will be installed to the south on the proposed access road parallel to the east row of T-Hangars.
  - b. Edward’s existing drainfield/septic service will be tied into the new sanitary sewer system.
  - c. Sanitary sewer and water services will be installed to the west edge of the T-Hangar lease lines, outside of the access road pavement for future use.
  - d. DEQ report shall be submitted for this project.
  - e. Sanitary sewer installation through existing asphalt will be patched with new asphalt material.

**Phase I**

Phase I work items listed above:

It included preparation of design plans and specifications for the proposed construction projects as described above.

**Phase II**

Phase II work will include providing Construction Administration, Construction Layout, Resident Project Representative (Inspector), and Project Closeout for items identified as Phase I design work.

**ARTICLE II - ENGINEERING FEES**

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

**Phase I – Design Specifications**

Preparation of design plans and specifications for Phase I, for Amendment 26 will be accomplished for a lump sum fee of \$23,165 as per the Method A - Fee Determination as outlined in the original Agreement dated April 9, 2012. See Tables 1A for engineering budgets.

**Phase II - Construction Phase.**

The items discussed above involve the Phase II, Items For Amendment 26 scope of services and will be accomplished at a cost plus fixed fee with a ceiling price not to exceed \$31,941 as per Method B - Fee Determination outlined below. See Table 2A for engineering budgets.

**COST SUMMARY OF**  
**Amendment No. 26**

Description		Labor & Expenses	Fixed Fee	Total Phase I	Total Phase II
<b>Amendment No. 26</b>					
<b><u>Sewer Main Extension - West Hangar Area (Local)</u></b>					
PHASE 1 - Design - ITEM 1	TABLE 1A	\$20,288	\$2,877	\$23,165	
PHASE II - Construction Admin. - ITEM 1	TABLE 2A	\$28,083	\$3,858		\$31,941
Subtotal Item 1		\$48,371	\$6,735		
<b>Total This Amendment</b>					<b>\$55,106</b>

TABLE 1A

**Amendment No. 26  
ENGINEERING BUDGET  
PHASE 1 - Design - ITEM 1**

Engineering Services PHASE 1 - Design - ITEM 1	Total Man-hours	Labor Rate	Total
Professional Services for Sewer Main Extension - West Hangar Area (Local)	197	\$97.37	\$19,182
Total MU Labor			\$19,182
<b>Expenses</b>			
Company Vehicle		\$100	
Commuting, Travel		\$0	
Technology Charge		\$855	
Vehicle		\$150	
Per diem		\$0	
Per diem		\$0	
Equipment Charges		\$0	
Professional Charges		\$0	
Printing, Copies		\$0	
Telephone, FAX		\$0	
Photos, Etc		\$0	
Freight, Postage		\$0	
Project Supplies		\$0	
SUBTOTAL		\$1,105	
Total MU Labor			\$19,182
Total Direct Expenses			<u>\$1,105</u>
Total MU Labor & Expenses			\$20,288
Fixed Fee			<u>\$2,877</u>
<b>Total Lump Sum for Design Phase</b>			<b>\$23,165</b>

\* Figure is rounded

TABLE 2A

**Amendment No. 26  
ENGINEERING BUDGET  
PHASE II - Construction Admin. - ITEM 1**

Engineering Services PHASE II - Construction Admin. - ITEM 1	Total Man-hours	Labor Rate	Total
Professional Services Sewer Main Extension - West Hangar Area (Local)	238	\$108.06	\$25,717
Total MU Labor			\$25,717
<b>Expenses</b>			
Company Vehicle		\$188	
Commuting, Travel		\$0	
Technology Charge		\$1,175	
Vehicle		\$680	
Per diem		\$0	
Per diem		\$0	
Equipment Charges		\$147	
Professional Charges		\$0	
Printing, Copies		\$110	
Telephone, FAX		\$0	
Photos, Etc		\$0	
Freight, Postage		\$0	
Project Supplies		\$66	
SUBTOTAL		\$2,366	
Total MU Labor			\$25,717
Total Direct Expenses			<u>\$2,366</u>
Total MU Labor & Expenses			\$28,083
Fixed Fee			<u>\$3,858</u>
<b>Total Cost Plus Fixed Fee for Construction Phase</b>			<u>\$31,941</u>

\* Figure is rounded

IN WITNESS WHEREOF, the parties hereto have made and executed the Amendment No. 26 this \_\_\_\_\_ day of May, 2016.

CONSULTANT

**Morrison-Maierle, Inc.**

BY: Carl Anderson

DATE: 5/5/16

OWNER

**City of Billings**

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

ATTEST:

BY: \_\_\_\_\_  
City Clerk

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
City Attorney



<b>Summary of Agreements for Professional Engineering Services</b>					
<b>Description</b>			<b>Labor &amp; Expenses</b>	<b>Fixed Fee</b>	<b>Total</b>
<b>Amendment No. 1</b> Plunge Pool & Lot Survey					
PHASE 1 - DESIGN - ITEM 1	TABLE 1a		\$55,252	\$6,101	\$61,353
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$44,237	\$5,455	\$49,692
			\$99,489	\$11,556	
<b>Amendment No. 1</b> Ponds A, B, and C Ponds					
PHASE 1 - DESIGN - ITEM 2	TABLE 1b		\$23,164	\$3,212	\$26,376
PHASE II - CONSTRUCTION - ITEM 2	TABLE 2b		\$23,984	\$3,259	\$27,243
Subtotal Item 2			\$47,148	\$6,471	
<b>TOTAL Amendment No. 1</b>			<b>\$146,637</b>	<b>\$18,027</b>	<b>\$164,664</b>
<b>Amendment No. 2</b> Airfield Maintenance Equipment					
PHASE 1 - DESIGN - ITEM 1	Table 1a		\$28,706	\$3,953	\$32,659
PHASE II - CONSTRUCTION - ITEM 1	Table 2a		\$0	\$0	\$0
<b>Pavement Condition Index Study</b>					
PHASE 1 - Design - ITEM 1	TABLE 1A		\$47,071	\$6,539	\$53,609
PHASE II - Construction Admin. - ITEM 1	TABLE 2A		\$0	\$0	\$0
<b>TOTAL Amendment No. 2</b>			<b>\$75,777</b>	<b>\$10,492</b>	<b>\$86,268</b>
<b>Amendment No. 3</b> 2012 Miscellaneous Improvements					
PHASE 1 - DESIGN - ITEM 1	TABLE 1a		\$37,713	\$5,229	\$42,942
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$43,240	\$5,750	\$48,990
<b>TOTAL Amendment No. 3</b>			<b>\$80,952</b>	<b>\$10,979</b>	<b>\$91,931</b>
<b>Amendment No. 4</b> PFC Airport Wheel Loader					
PHASE 1 - Design - ITEM 1	TABLE 1A		\$3,352	\$417	\$3,769
PHASE II - Construction Admin. - ITEM 1	TABLE 2A		\$0	\$0	\$0
<b>TOTAL Amendment No. 4</b>			<b>\$3,352</b>	<b>\$417</b>	<b>\$3,769</b>
<b>Amendment No. 5</b> 2013 AIP-44 CA					
PHASE 1 - DESIGN - ITEM 1	TABLE 1a		\$69,317	\$9,246	\$78,562
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$415,893	\$53,995	\$469,888
<b>TOTAL Amendment No. 5</b>			<b>\$485,209</b>	<b>\$63,241</b>	<b>\$548,450</b>
<b>Amendment No. 6</b> Slot 4 - PCC Construction					
PHASE 1 - DESIGN - ITEM 1	TABLE 1a		\$163,094	\$22,453	\$185,547
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$135,941	\$18,061	\$154,003
<b>TOTAL Amendment No. 6</b>			<b>\$299,035</b>	<b>\$40,515</b>	<b>\$339,550</b>
<b>Amendment No. 7</b> 2014 Miscellaneous Improvements					
PHASE 1 - DESIGN - ITEM 1	TABLE 1a		\$24,228	\$3,040	\$27,268
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$28,954	\$3,872	\$32,826
<b>TOTAL Amendment No. 7</b>			<b>\$53,182</b>	<b>\$6,911</b>	<b>\$60,094</b>
<b>Amendment No. 8</b> Pond D Expand - Outfall Routing Study					
PHASE 1 - DESIGN/STUDY - ITEM 1	TABLE 1a		\$50,635	\$7,065	\$57,700
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$0	\$0	\$0
<b>TOTAL Amendment No. 8</b>			<b>\$50,635</b>	<b>\$7,065</b>	<b>\$57,700</b>
<b>Amendment No. 9</b> Employee P-Lot					
PHASE 1 - DESIGN - ITEM 1	TABLE 1a		\$44,581	\$5,980	\$50,561
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$69,893	\$9,384	\$79,277
<b>TOTAL Amendment No. 9</b>			<b>\$114,474</b>	<b>\$15,364</b>	<b>\$129,838</b>
<b>Amendment No. 10</b> AIP 046-2014 Apron Construction					
PHASE 1 - DESIGN - ITEM 1	TABLE 1a		\$83,709	\$11,868	\$95,577
PHASE II - CONSTRUCTION - ITEM 1	TABLE 2a		\$85,259	\$11,442	\$96,701
<b>TOTAL Amendment No. 10</b>			<b>\$168,968</b>	<b>\$23,310</b>	<b>\$192,278</b>

<b>Amendment No. 11</b>	West Transfer Parking Lot & Terminal Circle Road			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$49,919	\$6,573	\$56,492
PHASE II - Construction Admin. - ITEM 1	TABLE 2A	\$65,110	\$8,622	\$73,732
<b>TOTAL Amendment No. 11</b>		<b>\$115,029</b>	<b>\$15,195</b>	<b>\$130,224</b>
<b>Amendment No. 12</b>	AIP 048 - Land, Runway 10R EA			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$0	\$0	\$0
PHASE II - EA - ITEM 1	TABLE 2A	\$131,204	\$17,782	\$148,986
<b>TOTAL Amendment No. 12</b>		<b>\$131,204</b>	<b>\$17,782</b>	<b>\$148,986</b>
<b>Amendment No. 13</b>	Wetland, Survey & Flood Plane Analysis			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$38,869	\$5,378	\$44,247
PHASE II - EA - ITEM 1	TABLE 2A	\$0	\$0	\$0
<b>TOTAL Amendment No. 13</b>		<b>\$38,869</b>	<b>\$5,378</b>	<b>\$44,247</b>
<b>Amendment No. 14</b>	Lights-Fence Transfer Lot			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$13,774	\$1,876	\$15,650
PHASE II - EA - ITEM 1	TABLE 2A	\$17,749	\$2,339	\$20,088
<b>TOTAL Amendment No. 14</b>		<b>\$31,523</b>	<b>\$4,215</b>	<b>\$35,738</b>
<b>Amendment No. 15</b>	Ponds A, B, C Fence			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$12,820	\$1,731	\$14,551
PHASE II - EA - ITEM 1	TABLE 2A	\$10,818	\$1,404	\$12,222
<b>TOTAL Amendment No. 15</b>		<b>\$23,638</b>	<b>\$3,135</b>	<b>\$26,773</b>
<b>Amendment No. 16</b>	2015 Parking Lot Improvements			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$33,173	\$4,591	\$37,764
PHASE II - EA - ITEM 1	TABLE 2A	\$64,600	\$8,683	\$73,283
<b>TOTAL Amendment No. 16</b>		<b>\$97,773</b>	<b>\$13,274</b>	<b>\$111,047</b>
<b>Amendment No. 17</b>	Pond D Permitting for Storm Drainage Improvements			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$27,579	\$3,948	\$31,527
PHASE II - EA - ITEM 1	TABLE 2A	\$0	\$0	\$0
<b>TOTAL Amendment No. 17</b>		<b>\$27,579</b>	<b>\$3,948</b>	<b>\$31,527</b>
<b>Amendment No. 18</b>	AIP 049-2015 Ramp Construction			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$82,152	\$11,626	\$93,778
PHASE II - EA - ITEM 1	TABLE 2A	\$85,694	\$11,605	\$97,299
<b>TOTAL Amendment No. 18</b>		<b>\$167,846</b>	<b>\$23,231</b>	<b>\$191,077</b>
<b>Amendment No. 19</b>	Pavement Condition Index			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$53,018	\$7,392	\$60,410
PHASE II - EA - ITEM 1	TABLE 2A	\$0	\$0	\$0
<b>TOTAL Amendment No. 19</b>		<b>\$53,018</b>	<b>\$7,392</b>	<b>\$60,410</b>
<b>Amendment No. 20</b>	AIP 050-2015 Storm Drain Tunneling			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$105,414	\$14,930	\$120,344
PHASE II - EA - ITEM 1	TABLE 2A	\$60,695	\$8,260	\$68,955
<b>TOTAL Amendment No. 20</b>		<b>\$166,109</b>	<b>\$23,190</b>	<b>\$189,299</b>
<b>Amendment No. 21</b>	AIP 050-2015 Taxilane Construction			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$41,816	\$5,908	\$47,724
PHASE II - EA - ITEM 1	TABLE 2A	\$38,545	\$5,302	\$43,847
<b>TOTAL Amendment No. 21</b>		<b>\$80,361</b>	<b>\$11,210</b>	<b>\$91,571</b>
<b>Amendment No. 22</b>	AIP 050-2015 Storm Drain Tunneling CA			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$0	\$0	\$0
PHASE II - EA - ITEM 1	TABLE 2A	\$32,116	\$4,369	\$36,485
<b>TOTAL Amendment No. 22</b>		<b>\$32,116</b>	<b>\$4,369</b>	<b>\$36,485</b>
<b>Amendment No. 23</b>	AIP 050-2015 Pond D Storm Sytem			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$257,789	\$36,416	\$294,205
PHASE II - EA - ITEM 1	TABLE 2A	\$0	\$0	\$0
<b>TOTAL Amendment No. 23</b>		<b>\$257,789</b>	<b>\$36,416</b>	<b>\$294,205</b>
<b>Amendment No. 24</b>	AIP 052-2016 Pond D Storm Sytem			
PHASE 1 - Design - ITEM 1	TABLE 1A	\$0	\$0	\$0
PHASE II - EA - ITEM 1	TABLE 2A	\$314,170	\$43,098	\$357,268
<b>TOTAL Amendment No. 24</b>		<b>\$314,170</b>	<b>\$43,098</b>	<b>\$357,268</b>

<b>Amendment No. 25</b>		AIP 054-2016 West Taxilane and Ramp Construction		
PHASE I - Design - ITEM 1	TABLE 1A	\$95,723	\$13,278	\$109,001
PHASE II - EA - ITEM 1	TABLE 2A	\$112,941	\$15,528	\$128,469
<b>TOTAL Amendment No. 25</b>		<b>\$208,664</b>	<b>\$28,806</b>	<b>\$237,470</b>
<b>Amendment No. 26</b>		2016 West Sanitary Sewer Expansion		
PHASE I - Design - ITEM 1	TABLE 1A	\$20,288	\$2,877	\$23,165
PHASE II - EA - ITEM 1	TABLE 2A	\$28,083	\$3,858	\$31,941
<b>TOTAL Amendment No. 26</b>		<b>\$48,371</b>	<b>\$6,735</b>	<b>\$55,106</b>
<b>Sum Total All Amendments</b>				<b>\$3,715,975</b>