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DATE: August 19, 2020

TO: Joel Jenkinson, A.A.E.
Airport Director
Addison Airport
16051 Addison Road, Suite 220
Addison, TX 75001

PROJECT: Addison Airport
George Haddaway Reconstruction
McMahon Contracting – George Haddaway Entrance – Change Order No. 1

Mr. Jenkinson:

This change order is comprised of three parts. The first part reconciles quantities of completed items within the current construction contract. The second part adds the unforeseen fence modifications to the current construction project. The third part extends the reconstruction limits of George Haddaway to capture additional failed pavement at the George Haddaway entrance. All three parts within this change order can be completed within project budget.

The first part of this change order is to reconcile quantities. It is common practice to reconcile construction quantities near the end of each construction project. Reconciliation of the construction quantities will provide the difference between the bid quantities and the constructed quantities to find what items have gone above and below the anticipated quantities developed in design. The reconciliation performed on this project will bring the project under the original bid contract amount.

The second part of this change order is comprised of two items that involve airport fencing. The first item is for the removal of the barbed wire arm that was on the existing fence. A previous project relocated the George Haddaway airport access gate to be closer to Addison Road to provide a secured boundary while the adjacent development project is being constructed. During construction of the George Haddaway roadway, the airport requested that the existing fence remain to provide a visual barrier for fuel trucks traveling along George Haddaway from the adjacent tenant ramp. The existing fence along George Haddaway was the airport perimeter fence which included an arm with a barbed wire top. The George Haddaway reconstruction is split into two phases. Phase one is the construction of the north lane of George Haddaway, while phase two is the construction of the south lane. During construction of the first phase a site inspection was performed before opening the north lane to traffic. The north lane is the closest lane to the barbed wire arm. It was determined that before opening this lane to traffic, that the contractor remove the barbed wire arm to reduce the potential for damage to fuel trucks using the lane closest to the arm.

The second part of the airport fencing piece of the change order involves the addition of a new mow strip on part of the airport perimeter fence. The existing concrete mow strip began along the eastern edge of the project area and continued west under the existing asphalt overlay of the George

CHANGE ORDER NO. 1

Haddaway roadway. During removal operations of the asphalt surface of George Haddaway, it was determined this mow strip was missing in various locations along the fence line under the asphalt overlay. Concrete mow strips are a maintenance standard on airports and therefore additional concrete was installed in these missing sections to provide a continuous mow strip along the fence line.

The third part of the change order is to include the reconstruction of the George Haddaway entrance. Garver is the design engineer for the George Haddaway reconstruction project. As shown in the attached exhibit, the original design of the George Haddaway project did not include the reconstruction of the entrance due to funding concerns. During construction, the airport requested that Garver design the reconstruction of the George Haddaway entrance from the airport access gate to the right of way of Addison Road. While designing the entrance, Garver contacted the contractor to propose extending the reconstruction limits under this existing contract. The contractor agreed to perform the work and hold his unit pricing of the items used in the current contract. We have reviewed the unit pricing on this contract and believe that it is favorable for the Town to increase the scope of work to include the reconstruction of the entrance. Including this work within the existing contract will save the Town time and money by not having to advertise for bid.

Garver has reviewed the proposed changes to the contract and recommends proceeding as indicated above and attached to this letter.

Signature/Date:  _____

Mitchell McAnally, P.E., PMP
Senior Project Manager

Attachments: George Haddaway Reconstruction Project Limits Exhibit
Town of Addison Change Order Form – 20-94 ADS George Haddaway Change Order No. 1

CURRENT CONSTRUCTION CONTRACT

PROPOSED CHANGE ORDER NO. 1

GEORGE HADDAWAY

CURRENT CONSTRUCTION CONTRACT





TOWN OF ADDISON CHANGE ORDER FORM

Change Order Number: 1

Project Name: George Haddaway Reconstruction

Project Number(s): 20-94

Contractor Name: McMahon Contracting, LP

Date: 8/12/2020

A. INTENT OF CHANGE ORDER

The purpose of this change order is to provide an amendment to the construction contract for McMahon Contracting, LP to include the items mentioned below.

B. DESCRIPTION OF CHANGE

Items within Section C will reconcile completed project pay items, include new pay items for unforeseen fence modifications, and increase the contract amount and contract time to extend the George Haddaway reconstruction limits.

C. REASON FOR CHANGE

1. Reconciliation of project quantities for construction contract pay items that have been completed.
2. Modifications to the existing airport perimeter fence included the following items of work:
 - i. The existing barbed wire top was removed from the top of the fence to reduce the potential of the protruding fence top from coming in contact with fuel trucks using the new access route.
 - ii. Upon removal of the existing asphalt surface of George Haddaway, it was discovered sections of the existing fence set along the edge of the asphalt roadway did not have a concrete mow strip underneath the asphalt surface. Additional concrete was installed in these sections to provide a continuous mow strip along the fence line.
3. The limits of George Haddaway reconstruction have been extended from the airport perimeter gate up to the Addison Road right-of-way. Replacement of the failed asphalt surface with a new concrete surface will resolve the rutting and drainage issues created from the fuel transport truck turning movements off Addison Road into the airport fuel farm.

D. EFFECT OF CHANGE ON CONTRACT PRICE

This change order will have the following effect on the cost of this project:

Item Number/Description	Amount
Reconciliation Items	(\$1,473.29)
Fence Modifications	\$2,507.25
George Haddaway Entrance Reconstruction	\$98,040.30
Subtotal	\$99,074.26
Amount of this Change Order	\$99,074.26
Original Contract Amount	\$652,824.90
Overall Contract Amount (Including Previous Change Orders)	\$652,824.90
Revised Contract Amount	\$751,899.16
Total % Increase/Decrease (Including Previous Change Orders)	15.18%

E. EFFECT OF CHANGE ON CONTRACT TIME

The work required under this change will affect 45 days of the contract time.

Item Number/Description	Calendar Days
George Haddaway Entrance Reconstruction	45
Original Contract Time	80
Previously Approved Contract Time Extensions	0
Approved Contract Time Extensions this Change Order	45
New Contract Time	125

F. AGREEMENT

By the signatures below, duly authorized agent of the Town of Addison, and McMahon Contracting, do hereby agree to append this Change Order Number 1 to the original contract between themselves, dated May 26, 2020.

City State Zip

Phone: _____

Project Manager Printed Name

James Proulx James Proulx
Contractor's Signature Printed Name

Department Director Printed Name

Mitchell McAnally Mitchell McAnally
Engineer's Signature Printed Name

Fin. & Strat. Services Rep. Printed Name

City Manager Printed Name

Copies: Contractor (2)
Department
City Secretary

Council Agenda: Agenda Date _____
(if applicable) Item Number _____
Approved _____



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Construction Contract Change Order

Project: George Haddaway Reconstruction Addison Airport Garver Job No. 20A11100	Change Order No. 1 Date Prepared: 8/12/2020 Prepared by: Mitchell McAnally, PE, PMP
Owner: Town of Addison 5300 Belt Line Road Addison, Texas 75254	Contractor: McMahon Contracting LP 3019 Ray Orr Blvd Grand Prairie, TX 75050



Description of Work Included in Contract
 The project consists of the reconstruction of George Haddaway from Taxiway A to the access gate. The Additive Alternate No. 1 consists of the reconstruction of the fuel farm turn around pavement.

Changes and Reasons Ordered (List Individual Changes as: A, B, C, D, etc.)

- A Reconciliation of project quantities for construction contract pay items that have been completed.
- B Modifications to the existing airport perimeter fence including mow strip and barbed wire fence top removal.
- C Reconstruction of the George Haddaway Entrance from the airport access gate to Addison Road right of way.

Attachments: Plans and specifications

Contract Changes	Bid Item No.	Bid Item Description	Unit of Measure	Estimated Quantity	Unit Price	Revised Estimated Cost	
BASE BID (GEORGE HADDAWAY RECONSTRUCTION)							
NEW PAY ITEMS							
	B	TX-360-5.2	CONCRETE MOW STRIP (4" THICKNESS)	L.F.	217	\$9.25	\$2,007.25
	B	TX-772-5.3	BARBED WIRE FENCE TOP REMOVAL	L.S.	1	\$500.00	\$500.00
	C	TX-772-5.4	ACCESS GATE KEYPAD LOW IMPACT SAFETY POST	EACH	4	\$200.00	\$800.00
	C	SS-140-5.2	WATER VALVE STACK ADJUSTMENT	EACH	1	\$200.00	\$200.00
	C	SS-300-5.2	ACCESS CONTROL CABLE AND CONDUIT REPLACEMENT	EACH	1	\$2,000.00	\$2,000.00
	C	NCTCOG 502.1.6.1	WASTEWATER MANHOLE ADJUSTMENT (5")	EACH	1	\$750.00	\$750.00
REVISIONS TO EXISTING PAY ITEMS							
	A	SS-140-5.5	SANITARY SEWER LINE REMOVAL	L.F.	(72)	\$29.38	(\$2,115.36)
	A	TX-105-5.1	ASPHALT PAVEMENT REMOVAL	S.Y.	170	\$19.65	\$3,340.50
	A	TX-162-5.1	BLOCK SODDING	S.Y.	(393)	\$12.00	(\$4,716.00)
	A	TX-260-6.1	LIME	TON	(3)	\$198.00	(\$594.00)
	A	TX-260-6.2	LIME TREATED SUBGRADE (6" THICKNESS)	S.Y.	170	\$8.58	\$1,458.60
	A	TX-360-5.1	CONCRETE PAVEMENT (10" THICKNESS)	S.Y.	170	\$86.20	\$14,654.00
	C	SS-120-3.1	SITE PREPARATION	L.S.	1	\$1,500.00	\$1,500.00
	C	TX-104-5.1	CONCRETE PAVEMENT REMOVAL	S.Y.	85	\$25.00	\$2,125.00
	C	TX-105-5.1	ASPHALT PAVEMENT REMOVAL	S.Y.	900	\$12.20	\$10,980.00
	C	TX-162-5.1	BLOCK SODDING	S.Y.	285	\$8.00	\$2,280.00
	C	TX-260-6.1	LIME	TON	13	\$198.00	\$2,574.00
	C	TX-260-6.2	LIME TREATED SUBGRADE (6" THICKNESS)	S.Y.	835	\$8.58	\$7,164.30
	C	TX-360-5.1	CONCRETE PAVEMENT (10" THICKNESS)	S.Y.	785	\$86.20	\$67,667.00
Base Bid Subtotal						\$112,575.29	
BASE BID (GEORGE HADDAWAY RECONSTRUCTION)							
REVISIONS TO EXISTING PAY ITEMS							
	A	TX-104-5.1	CONCRETE PAVEMENT REMOVAL	S.Y.	18	\$23.52	\$423.36
	A	TX-162-5.1	BLOCK SODDING	S.Y.	(614)	\$12.00	(\$7,368.00)
	A	TX-260-6.1	LIME	TON	(7)	\$198.00	(\$1,386.00)

A	TX-464-5.1	REINFORCED CONCRETE PIPE, 12", CLASS III	L.F.	(67)	\$77.17	(\$5,170.39)
Bid Alternate No. 1 Subtotal						(\$13,501.03)
(Base Bid + Bid Alternate No. 1) Summation of Cost						\$99,074.26
Estimated Project Cost			Time Change			
	Estimated Project Cost					
Original Contract Amount	\$652,824.90		Original Total Contract Time (calendar days)		80	
This Change Order	\$99,074.26		Approved Contract Time Extension this Change Order (calendar days)		45	
New Contract Amount	\$751,899.16		New Contract Time (calendar days)		125	
THIS AGREEMENT IS SUBJECT TO ALL ORIGINAL CONTRACT PROVISIONS AND PREVIOUS CHANGE ORDERS						
ISSUED FOR REASONS INDICATED ABOVE		 _____ Engineer's Signature		Senior Project Manager		8/12/2020
Engineer: Garver				Title		Date
		Mitchell McAnally Printed Name				
ACCEPTED BY CONTRACTOR		 _____ Contractor's Signature		Project Manager		08-13-2020
Contractor: McMahon Contracting, LP				Title		Date
		James Prouty Printed Name				
APPROVED BY OWNER		_____ Owner's Signature		_____ Title		_____ Date
		_____ Printed Name				