

SUPPLEMENTAL AGREEMENT NO. 1

1. Sponsor's (Public Agency) Name and Address
 City of Stillwater
 723 South Lewis, P.O. 1449
 Stillwater, Oklahoma 74076

2. Name of Airport Stillwater Regional Airport	3. Project Numbers FAA AIP 3-40-0090-021-2015 SWO Bid #3-15/16	4. Date Prepared - Prepared by: June 3, 2016 - Tyler McDonald
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5. Name and Address of Contractor
 Contech, Inc.
 114 S. Elm Pl.
 Broken Arrow, Oklahoma, 74012

6. Description of Work Included in Contract
 "Provide Site Development for the Southeast Hangar Development Area, and Improve Airport Drainage"

7. Changes Ordered and Reason Ordered (List individual changes as A, B, C, D etc.)

A. - The storm sewer system planned for this project connects inlets in the new hangar apron to an existing inlet structure to the west of the site. Soil borings were conducted over the site before work began. The soils report showed that only soils, and no rock, should be encountered. However, as work on the storm sewer progressed from the existing inlet to the proposed apron, extremely hard rock was encountered. The rock actually ranged from approximately 6 inches below the original ground elevation to the bottom of the pipe excavation in some locations. The contractor was forced to bring in an excavator with a hydraulic hammer to break through the rock. The price quoted for the additional rock excavation includes the cost of the excavator and the additional labor required to complete the work. No additional contract time was requested.

B. - Failed Testing Invoice 389 is charged back to the contractor according to the specifications. See attachment.

C. Through G. - The quantity of work completed on this project is being adjusted to as-built quantities for this reconciliation change order. See Attachment.

8. Contract Changes	Bid Item No.	Original Estimated Quantity	Contract Unit Price	Revised Estimated Quantity	Negotiated C.O. Unit Price	Original Estimated Cost	Revised Estimated Cost
Base Bid							
A.				Lump Sum	\$40,210.00	\$0.00	\$40,210.00
B.				Lump Sum	-\$213.00	\$0.00	-\$213.00
C.	3	75	\$6.00	0	\$6.00	\$450.00	\$0.00
D.	16	100	\$166.00	103.79	\$166.00	\$16,600.00	\$17,229.14
E.	18	1,155	\$5.00	0.00	\$5.00	\$5,775.00	\$0.00
F.	20	4,455	\$56.00	3,472.50	\$56.00	\$249,480.00	\$194,460.00
G.	22	1,955	\$3.00	2,040.00	\$3.00	\$5,865.00	\$6,120.00
					Total:	\$278,170.00	\$257,806.14

9. Original Contract Amount \$529,920.00
 Supplemental Agreement #1 -\$20,363.86
 New Contract Amount After SA #1 \$509,556.14

10. Original Contract Time: 80 workdays

This Change Order Subject to All Original Contract Provisions.

11. ISSUED FOR REASONS INDICATED ABOVE

 Signature	Consultant Title	6/3/2016 Date
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12. ACCEPTED BY SPONSOR

_____ Signature	_____ Title	_____ Date
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13. ACCEPTED BY CONTRACTOR

 Signature	PROS MGR Title	6/6/16 Date
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7412 NW 84th Street
 Oklahoma City, Oklahoma 73132
 Phone: 405-603-3467
 Fax: 405-603-3465
 FEIN 45-4525355

PA

Invoice

Date	Invoice #
4/11/2016	389

Bill To
LBR, Inc. Airport Consultants 1802 West Wright Drive Stillwater, Oklahoma 74075

P.O. No.	Terms	Project
	Due on receipt	C002-16

Quantity	Description	Rate	Amount
	Project: 3-40-0090-021-2015 Stillwater Regional Airport Stillwater, OK		
	FAILING TESTS		
6	Field Nuclear Density Test Task: 3059	15.50	93.00
8	Straight edge Evaluation	15.00	120.00

We appreciate your prompt payment.	Total	\$213.00
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Reconciliation Change Order-SA#1

AIP 3-40-0090-021-2015 Bid #03-15/16

Provide Site Development for the Southeast Hangar Development Area, and Improve Airport Drainage

Stillwater Regional Airport, Stillwater, Oklahoma

Contech

Item	Description	Quantity	Unit	Unit Price	Amount	Actual Quantity	Actual Amount	Reason For Change
BASE BID								
1	Traffic Maintenance	1	LS	\$2,500.00	\$2,500.00	1	\$2,500.00	
2	Mobilization, Bonds, Permits, and Temporary Erosion Control	1	LS	17,000.00	17,000.00	1	17,000.00	
3	Saw Cut - Full Depth Asphalt or Concrete	75	LF	6.00	450.00	0	0.00	No Saw Cutting Was Required
4	Break-Up, Removal, and Disposal of Existing Pavement - Material and Thickness May Vary - Waste On Airport Property - (See Enclosed Boring Logs)	1,025	SY	10.00	10,250.00	1,025	10,250.00	
5	Unclassified Excavation: Strip Topsoil 6" Thick, Stockpile or Waste on Airport Property	1,725	CY	5.00	8,625.00	1,725	8,625.00	
6	Unclassified Excavation: Normal Excavation to Required Grades	2,505	CY	5.00	12,525.00	2,505	12,525.00	
7	Embankment in Place: Normal Embankment to Required Grades	975	CY	4.00	3,900.00	975	3,900.00	
8	Embankment in Place: Replace Topsoil 6" Thick	1,155	CY	4.00	4,620.00	1,155	4,620.00	
9	Provide and Install 15" RCP - Type III, Storm Sewer	150	LF	63.00	9,450.00	150	9,450.00	
10	Provide and Install 18" RCP - Type III, Storm Sewer	130	LF	90.00	11,700.00	130	11,700.00	
11	Provide and Install 24" RCP - Type III, Storm Sewer	230	LF	90.00	20,700.00	230	20,700.00	
12	Provide and Install 30" RCP - Type III, Storm Sewer	170	LF	129.00	21,930.00	170	21,930.00	
13	Provide and Install 36" RCP - Type III, Storm Sewer	380	LF	149.00	56,620.00	380	56,620.00	
14	Provide and Install Single Grated Field Inlet	6	Each	3,200.00	19,200.00	6	19,200.00	
15	Provide and Install Junction Box	4	Each	5,500.00	22,000.00	4	22,000.00	
16	Type II Portland Cement Delivered to Site, Est'd at 5% of Soil Dry Weight	100	Tons	166.00	16,600.00	103.79	17,229.14	Slightly More Portland Cement was required than originally estimated
17	Construct 10" Soil-Cement Base Course	4,610	SY	4.00	18,440.00	4,610	18,440.00	
18	Bituminous Prime Coat - Est'd at 0.25 Gal / SY	1,155	Gal	5.00	5,775.00	0	0.00	No Prime Coat was required
19	Construct 6" P-501 Portland Cement Concrete Surface Course, with Joints	4,455	SY	56.00	249,480.00	3,473	194,460.00	Reduction due to PWL Calculations (See Attachment)
20	Permanent Painting with Reflective Media (White or Yellow Paint)	305.0	SF	10.00	3,050.00	305	3,050.00	
21	Permanent Painting without Reflective Media (Black Paint)	540	SF	6.00	3,240.00	540	3,240.00	
22	Solid Slab Bermuda Grass Sodding (Including Fertilizer and Watering)	1,955	SY	3.00	5,865.00	2,040	6,120.00	Slightly More Sod was required to reduce runoff on slopes
23	Seeding (Permanent or Temporary) Including Fertilizer and Watering	2	AC	3,000.00	6,000.00	2	6,000.00	
24	Insurance Premium to Add City & Engineer as Additional Insureds to Contractor's Liability Policy	1	LS	0.00	0.00	0	0.00	
Total Base Bid					\$529,920.00		\$469,559.14	
Items Not Originally Bid								
A	Rock Excavation	0		\$0.00	\$0.00	1	\$40,210.00	Unexpected Rock was encountered in the excavation areas (See Cover Letter)
B	Failed Testing	0		0.00	0.00	1	(213.00)	Failed Testing Invoice 389 (See Attachment)
Total Additional Items Not Originally Bid							\$39,997.00	
Total Construction Amount							\$509,556.14	

PCC PAVEMENT - PAYMENT FACTORS FOR STRENGTH AND THICKNESS (Ver 10/28/09)
PAYMENT METHOD FOR STANDARD THICKNESS REQUIREMENTS OF ITEM P-501 (5370-10D)

Stillwater Regional Airport
3-40-0090-021-2015
South Apron
P-501 SUMMARY

Max Project Pay (percent)		Max Allowable Payment	Penalties due to Rejected lots	Project Cap in Dollars		Total Payment Allowed for Project (see note below)
100		249676.00	55216.00	194460.00		194460.00

			PERCENT PAY			PAY	
LOT NUMBER	BID UNIT PRICE	QUANTITY (SY or CY)	STRENGTH	THICKNESS	FINAL PAY FACTOR	QUANTITY	DOLLARS (Rejected lots may not be offset)
TOTALS		4,458.50	%	%	%	3,608.51	
1	56.00	1,972.00	97.50	0.50	50.00	986.00	55,216.00
2	56.00	2,486.50	106.00	99.50	105.47	2,622.51	146,860.65

2 Highest lot recorded
 STR PWLSTR AVGThick PWLThick Avg

85.00	634.88	33	5.4
100.00	739.38	89	5.6875

Total Project payment for projects with more than 300 Lots **must** be calculated separately using the restrictions of Item P-501 paragraph 8.1. Contact Rodney Joel, P.E., 816-329-2631 to add additional lots to this sheet. The results for "Dollars" in column "I" are valid and may be used when more Lots exist.

The user of this spreadsheet assumes all responsibility for the accuracy of the data and subsequent calculations. The user should confirm all calculations performed.