

SUPPLEMENTAL AGREEMENT NO. 1

1. Sponsor's (Public Agency) Name and Address

City of Stillwater
723 South Lewis, P.O. Box 1449
Stillwater, Oklahoma 74076

2. Name of Airport
Stillwater Regional Airport

3. Project Numbers
FAA AIP 3-40-0090-023-2015
SWO-16-FS
SWO Bid # 12-15/16

4. Date Prepared - Prepared by:
September 6, 2016 - Tyler McDonald

5. Name and Address of Contractor

Contech, Inc.
114 S. Elm Pl.
Broken Arrow, Oklahoma 74012

6. Description of Work Included in Contract

"Install Partial Connecting Taxiways for Runway 17-35"

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

A. - R. - 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.	3	110	\$7.00	116	\$7.00	\$770.00	\$812.00	
B.	13	1,000	\$3.50	1,013	\$3.50	\$3,500.00	\$3,545.50	
C.	14	1,200	\$3.00	1,360.5	\$3.00	\$3,600.00	\$4,081.50	
D.	15	600	\$3.50	575.5	\$3.50	\$2,100.00	\$2,014.25	
E.	16	1,000	\$4.00	1,355	\$4.00	\$4,000.00	\$5,420.00	
F.	18	1,800	\$3.00	1,319	\$3.00	\$5,400.00	\$3,957.00	
G.	19	2,450	\$2.00	3,210	\$2.00	\$4,900.00	\$6,420.00	
H.	20	1,500	\$1.20	940	\$1.20	\$1,800.00	\$1,128.00	
I.	21	1,500	\$1.85	940	\$1.85	\$2,775.00	\$1,739.00	
J.	22	1,800	\$2.90	1,921	\$2.90	\$5,220.00	\$5,570.90	
K.	29	3	\$2,300.00	7	\$2,300.00	\$2,300.00	\$16,100.00	
L.	A1-3	68	\$185.00	86.18	\$185.00	\$12,580.00	\$15,943.30	
M.	A1-4	3,430	\$8.00	4,716.25	\$8.00	\$27,440.00	\$37,730.00	
N.	A1-5	860	\$5.00	0	\$5.00	\$4,300.00	\$0.00	
O.	A1-6	3,400	\$54.00	3,650	\$54.00	\$183,600.00	\$197,100.00	
P.	A1-7	3,400	\$118.00	3,324.4	\$118.00	\$401,200.00	\$392,279.20	
Q.	Not Originally Bid			Lump Sum	-\$1,050.00	\$0.00	-\$1,050.00	
R.	Not Originally Bid			8	-\$1,500.00	\$0.00	-\$12,000.00	
					Total:	\$665,485.00	\$680,790.65	

9. Original Contract Amount \$864,505.00
Supplemental Agreement #1 \$15,305.65
New Contract Amount After SA #1 \$879,810.65

10. Original Contract Time: 40 workdays New Contract time: 40 workdays

This Change Order Subject to All Original Contract Provisions.

11. ISSUED FOR REASONS INDICATED ABOVE

Tyler McDonald

Signature Consultant Title Date 9/6/2016

12. ACCEPTED BY SPONSOR

Signature Mayor Title Date

13. ACCEPTED BY CONTRACTOR

Signature Title Date

Reconciliation Change Order- SA#1

AIP 3-40-0090-021-2015 OAC SWO-16-FS Bid #12-15/16
 Install Partial Connecting Taxiways for Runway 17-35

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	\$27,000.00	\$27,000.00	1	\$27,000.00	
2	Mobilization, Bonds, Permits, and Temporary Erosion Control	1	LS	53,000.00	53,000.00	1	53,000.00	
3	Saw Cut - Full Depth Asphalt or Concrete	110	LF	7.00	770.00	116	812.00	Slightly more saw cut was required than originally estimated
4	Break-Up, Removal, and Disposal of Existing Pavement - Material and Thickness May Vary - Waste On Airport Property	1,610	SY	10.00	16,100.00	1,610	16,100.00	
5	Unclassified Excavation: Strip Topsoil 6" Thick, Stockpile or Waste on Airport Property	745	CY	5.00	3,725.00	745	3,725.00	
6	Embankment in Place: Replace Topsoil 6" Thick	460	CY	8.00	3,680.00	460	3,680.00	
7	Remove Existing 18" RCP Storm Sewer Pipe - Waste Off Airport Property	130	LF	55.00	7,150.00	130	7,150.00	
8	Provide and Install 18" RCP - Type III, Storm Sewer	140	LF	130.00	18,200.00	140	18,200.00	
9	Provide and Install Single Grated Field Inlet	1	Each	3,600.00	3,600.00	1	3,600.00	
10	Remove Existing Inlet - Waste off Airport Property	1	Each	2,000.00	2,000.00	1	2,000.00	
11	Construct Pipe-Grated Sloped End-Section for 18" RCP	1	Each	3,000.00	3,000.00	1	3,000.00	
12	Remove Existing End Section - Waste off Airport Property	1	Each	1,000.00	1,000.00	1	1,000.00	
13	Permanent Painting with Reflective Media (White, Yellow, or Red Paint)	1,000	SF	3.50	3,500.00	1,013	3,545.50	Slightly more paint was required than originally estimated
14	Permanent Painting without Reflective Media (Black Paint)	1,200	SF	3.00	3,600.00	1,360.5	4,081.50	Slightly more paint was required than originally estimated
15	Paint Removal	600	SF	3.50	2,100.00	575.5	2,014.25	Slightly less paint removal was required than originally estimated
16	Solid Slab Bermuda Grass Sodding (Including Fertilizer and Watering)	1,000	SY	4.00	4,000.00	1,355	5,420.00	More sodding was needed in an area that was washing away than originally estimated
17	Seeding (Permanent or Temporary) Including Fertilizer and Watering	1	AC	5,000.00	5,000.00	1	5,000.00	
18	Construct 6" x 24" Trench with Backfill For 2" PVC	1,800	LF	3.00	5,400.00	1,319	3,957.00	Less Trenching was required than originally estimated
19	Furnish and Install Lighting Cable -- No. 8 AWG, 5 kV, 1/C, Type C, Stranded	2,450	LF	2.00	4,900.00	3,210	6,420.00	More cable was required than originally estimated
20	Construct 6" x 8" Trench with Backfill For Counterpoise	1,500	LF	1.20	1,800.00	940	1,128.00	Less counterpoise was needed than originally estimated
21	Furnish and Install Counterpoise, No. 6 AWG, Bare Stranded Copper Wire, with Ground Rods	1,500	LF	1.85	2,775.00	940	1,739.00	Less counterpoise was needed than originally estimated
22	Furnish and Install 2" Schedule 40 PVC Conduit, In Trench	1,800	LF	2.90	5,220.00	1,921	5,570.90	Slightly more conduit was required than originally estimated
23	Furnish and Install New Base-Mounted L-861T LED MITL Light Fixtures with Blue Glassware, Isolation Transformers, and PCC Pads. Above Grade Elements of the Lights to be Delivered to Airport for Future Installation	8	Each	1,380.00	11,040.00	8	11,040.00	
24	Remove, Store, and Re-Install Existing Base-Mounted L-861T LED MITL Light Fixtures with Blue Glassware, Isolation Transformers, on New PCC Pads	8	Each	980.00	7,840.00	8	7,840.00	
25	Furnish and Install New Base-Mounted L-858 LED Guidance Signs with PCC Pads (Two Module). Above Grade Elements of the Sign to be Delivered to Airport for Future Installation	2	LF	6,800.00	13,600.00	2	13,600.00	
26	Furnish and Install New Base-Mounted L-858 LED Guidance Signs with PCC Pads (Three Module). Above Grade Elements of the Sign to be Delivered to Airport for Future Installation	1	LF	7,200.00	7,200.00	1	7,200.00	
27	Remove, Store, and Re-Install Base-Mounted L-858 Guidance Signs on New PCC Pads (Two Module)	1	Each	2,200.00	2,200.00	1	2,200.00	
28	Remove, Store, and Re-Install Base-Mounted L-858 Guidance Signs on New PCC Pads (Three Module)	1	Each	2,600.00	2,600.00	1	2,600.00	
29	Relocate Existing Cable Pull Boxes	3	Each	2,300.00	2,300.00	7	16,100.00	The cable for the distance remaining signs was discovered during construction. Four extra pull boxes were required on the outside edges of the new connecting taxiways.
30	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					\$224,300.00		\$238,723.15	
Alternate Bid 1 - Multi-Lift Concrete Paving - 21" Total Pavement Thickness								
1	Unclassified Excavation: Normal Excavation to Required Grades, Waste Excess on Airport Property	890	CY	\$9.00	\$8,010.00	890	\$8,010.00	
2	Embankment in Place: Normal Embankment to Required Grades	615	CY	5.00	\$3,075.00	615	3,075.00	
3	Lime Delivered to Site, Est'd at 6% of Soil Dry Weight	68	Tons	185.00	\$12,580.00	86.18	15,943.30	More lime was required due to discovering an area under D-2 that was saturated soil
4	Construct 8" Lime-Treated Subgrade	3,430	SY	8.00	\$27,440.00	4,716.25	37,730.00	More lime was required due to discovering an area under D-2 that was saturated soil
5	Bituminous Prime Coat - Est'd at 0.25 Gal / SY	860	Gal	5.00	\$4,300.00	0	0.00	No prime coat was required for the project
6	Construct 7.0" Lean High-Early Strength Concrete Base Course with Applied Bond Breaker	3,400	SY	54.00	\$183,600.00	3,650	197,100.00	More concrete base course was required due to the area under D-2 that was saturated
7	Construct 14.0" P-501 Portland Cement Concrete Surface Course, with Joints	3,400	SY	118.00	\$401,200.00	3,324.4	392,279.20	Slightly less concrete surface course was required than originally estimated
Total Alternate 1 Bid					\$640,205.00		\$654,137.50	
				Total Bid	\$864,505.00	Total Constructed	\$892,860.65	
Items Not Originally Bid								
1	Failed Testing	0	Each	\$0.00	\$0.00	1	-\$1,050.00	
2	Liquidated Damages	0	Each	-\$1,500.00	\$0.00	8	-\$12,000.00	
							Total Deductions	-\$13,050.00
							Final Construction Amount	\$879,810.65