



CONSTRUCTION COSTS ESTIMATE (BASE BID WITH ALTERNATES)

	Engineers Estimate	Jordan Foster Construction	SpawGlass Civil Construction, Inc.	J3 Company, LLC	Archer Western
<u>BASE BID (Elec)</u>	\$ 2,654,690.00	\$ 1,661,474.00	\$ 2,073,388.32	\$ 2,763,370.00	\$ 1,918,826.36
<u>BASE BID (TW J)</u>	\$ 1,953,246.00	\$ 2,799,159.00	\$ 1,998,623.21	\$ 1,745,725.00	\$ 2,196,217.98
<u>BID ALTERNATE 1</u>	\$ 1,620,542.00	\$ 1,926,080.75	\$ 1,754,793.50	\$ 1,345,500.00	\$ 1,739,170.81
<u>BID ALTERNATE 2</u>	\$ 1,060,192.50	\$ 1,367,649.00	\$ 1,093,659.67	\$ 859,535.00	\$ 1,250,724.70
<u>BID ALTERNATE 3</u>	\$ 3,317,892.00	\$ 3,826,998.25	\$ 2,954,030.31	\$ 2,777,220.00	\$ 3,531,079.79
TOTAL CONSTRUCTION COSTS	\$ 10,606,562.50	\$ 11,581,361.00	\$ 9,874,495.01	\$ 9,491,350.00	\$ 10,636,019.64
		Difference 1 & 2 bids	-4.04%	Low	High
		Difference Low to EE	-11.75%	\$ 1,115,212.50	\$ 974,798.50

Mobilization & Preparing of Right of Way

	Engineers Estimate	Jordan Foster Construction	SpawGlass Civil Construction, Inc.	J3 Company, LLC	Archer Western
<u>BASE BID (Elec)</u>	7.97%	9.63%	7.82%	12.67%	8.91%
<u>BASE BID (TW J)</u>	7.12%	11.25%	6.52%	5.79%	8.98%
<u>BID ALTERNATE 1</u>	7.79%	5.35%	7.84%	0.41%	7.75%
<u>BID ALTERNATE 2</u>	7.66%	4.39%	10.36%	0.64%	8.22%
<u>BID ALTERNATE 3</u>	7.81%	4.18%	5.89%	0.20%	8.45%

SAN ANTONIO INTERNATIONAL AIRPORT
 TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 4)

Date Prepared: June 30, 2016

BASE BID

\$ 538,200.00

\$ 431,500.00

\$ 688,485.30

\$ 1,390,000.00

\$ 578,064.28

ENGINEER'S OPINION OF PROBABLE COST & BID TABS

Item	Specification Number	Bid Item Description	Quantity	Unit	Engineer's Estimate	
					Unit Price	Amount
BASE BID						
1	100.1	Mobilization/Demobilization	1	LS	\$ 127,000.00	\$ 127,000.00
2	100.2	Contractor Staging Area	1	Allow	-	-
3	100.3	Insurance and Bonds	1	LS	\$ 42,400.00	\$ 42,400.00
4	100.4	Airside Safety and Security / Traffic Control	1	LS	\$ 211,700.00	\$ 211,700.00
5	101.1	Preparing Right-of-Way	1	LS	\$ 84,700.00	\$ 84,700.00
6	540.1	Storm Water Pollution Prevention Plan	1	LS	\$ 15,000.00	\$ 15,000.00
7	GP 60-05	Field Office and Curing Facilities	1	LS	\$ 15,000.00	\$ 15,000.00
8	P-100-2.1	Contractor Quality Control	1	LS	\$ 42,400.00	\$ 42,400.00
9	L-100-5.1	ALCMS Modifications (Manufacturer Allowance)	1	LS	\$ 30,000.00	\$ 30,000.00
10	L-100-5.2	ALCMS Modifications Contractor Effort	1	LS	\$ 20,000.00	\$ 20,000.00
11	L-100-5.3	Electrical Demolition	0.40	LS	\$ 500,000.00	\$ 200,000.00
12	L-100a-3.1	Photometric Testing	1	LS	\$ 10,000.00	\$ 10,000.00
13	L-105-6.1	Base Bid Rwy 13R-31L Temporary Jumpers, Lighting and Signage	1	LS	\$ 20,000.00	\$ 20,000.00
14	L-108-5.1	L-824, Type C, 1/C #8, 5 kV Cable	18,500	LF	\$ 1.50	\$ 27,750.00
15	L-108-5.2	L-824, Type C, 1/C #6, 5 kV Cable	89,400	LF	\$ 1.75	\$ 156,450.00
16	L-108-5.3	Bare, 1/C #6, Counterpoise Wire	3,100	LF	\$ 2.30	\$ 7,130.00
17	L-110-5.1	Single-way 2" Conduit, Direct Buried	1,140	LF	\$ 14.00	\$ 15,960.00
18	L-110-5.3	Multiple-way (6) 2-inch Conduits, Direct Buried	350	LF	\$ 80.00	\$ 28,000.00
19	L-110-5.4	Multiple-way (8) 2-inch Conduits, Direct Buried	510	LF	\$ 100.00	\$ 51,000.00
20	L-110-5.7	Multiple-way (6) 2-inch HDPE Conduits, Directional Bored	700	LF	\$ 150.00	\$ 105,000.00
21	L-110-5.8	Multiple-way (8) 2-inch HDPE Conduits, Directional Bored	360	LF	\$ 200.00	\$ 72,000.00
22	L-111-5.1	Furnish and Install Packaged 480/277 Volt Engine Generator, Controls and Exhaust System for West ALV	1	LS	\$ 350,000.00	\$ 350,000.00
23	L-111-5.2	Remove and Dispose of Existing 480V West ALV Engine Generator, Controls, and Exhaust System	1	LS	\$ 110,000.00	\$ 110,000.00
24	L-111-5.3	Furnish Temporary Engine Generator	2	WK	\$ 15,000.00	\$ 30,000.00
25	L-115-5.1	New Concrete Handhole, Type I, Furnished & Installed	7	EA	\$ 10,000.00	\$ 70,000.00
26	L-115-5.3	Two-Can Junction Can Plaza, Furnished & Installed	7	EA	\$ 4,500.00	\$ 31,500.00
27	L-850-4.1	New In-pavement L-850A Runway Centerline Light with New Isolation Transformers on Existing or Modified Base	168	EA	\$ 1,500.00	\$ 252,000.00
28	L-850-4.2	Salvage and Reinstall In-pavement L-850B Runway TDZ Light with New Isolation Transformer on Existing Base	180	EA	\$ 500.00	\$ 90,000.00
29	L-850-4.3	Salvage and Reinstall In-pavement L-850C Runway Edge Light with New Isolation Transformer on New or Existing Base	14	EA	\$ 500.00	\$ 7,000.00
30	L-858-5.3	New Size 3, 3-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	1.00	EA	\$ 7,500.00	\$ 7,500.00
31	L-858-5.4	New Size 3, 4-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	2	EA	\$ 9,000.00	\$ 18,000.00
32	L-862-4.1	Salvage and Reinstall Elevated L-862 Runway Edge Light with New Isolation Transformer on Existing Base	74	EA	\$ 250.00	\$ 18,500.00
33	L-862-4.2	Salvage and Reinstall Elevated L-862E Runway Threshold/End Light with New Isolation Transformer on Existing Base	16	EA	\$ 250.00	\$ 4,000.00
34	L-867/868-6.2	Size "B" L-867 Base Can for Any New, Reinstalled or Future Fixture in Non-Paved Shoulder	2.00	EA	\$ 2,500.00	\$ 5,000.00
35	L-867/868-6.5	New Size "B" L-867 Blank Base Can Cover	4	EA	\$ 150.00	\$ 600.00
36	L-867/868-6.7	New Size "B" L-868 Flange Ring and Spacer	168	EA	\$ 450.00	\$ 75,600.00
37	L-867/868-6.8	Core Drill Replace L-868 in (E) PCCP	80	EA	\$ 3,200.00	\$ 256,000.00
38	L-867/868-6.9	Core Drill L-868 Extension in (E) PCCP	20	EA	\$ 1,800.00	\$ 36,000.00
39	L-867/868-6.12	Concrete Foundation for 3-Module Sign	1	EA	\$ 3,500.00	\$ 3,500.00
40	L-867/868-6.13	Concrete Foundation for 4-Module Sign	2	EA	\$ 4,000.00	\$ 8,000.00
Total Amount					\$	2,654,690.00

Jordan Foster Construction		
Unit Price	Amount	% Difference to Eng. Est.
\$ 150,000.00	\$ 150,000.00	-18.11%
\$ -	\$ -	#DIV/0!
\$ 50,000.00	\$ 50,000.00	-17.92%
\$ 150,000.00	\$ 150,000.00	29.15%
\$ 10,000.00	\$ 10,000.00	88.19%
\$ 46,500.00	\$ 46,500.00	-210.00%
\$ 20,000.00	\$ 20,000.00	-33.33%
\$ 5,000.00	\$ 5,000.00	88.21%
\$ 30,000.00	\$ 30,000.00	0.00%
\$ 3,500.00	\$ 3,500.00	82.50%
\$ 56,000.00	\$ 22,400.00	88.80%
\$ 25,500.00	\$ 25,500.00	-155.00%
\$ 11,000.00	\$ 11,000.00	45.00%
\$ 1.40	\$ 25,900.00	6.67%
\$ 1.40	\$ 125,160.00	20.00%
\$ 1.10	\$ 3,410.00	52.17%
\$ 20.50	\$ 23,370.00	-46.43%
\$ 50.50	\$ 17,675.00	36.88%
\$ 56.00	\$ 28,560.00	44.00%
\$ 101.00	\$ 70,700.00	32.67%
\$ 121.00	\$ 43,560.00	39.50%
\$ 109,000.00	\$ 109,000.00	68.86%
\$ 10,500.00	\$ 10,500.00	90.45%
\$ 6,700.00	\$ 13,400.00	55.33%
\$ 8,525.00	\$ 59,675.00	14.75%
\$ 1,525.00	\$ 10,675.00	66.11%
\$ 1,000.00	\$ 168,000.00	33.33%
\$ 280.00	\$ 50,400.00	44.00%
\$ 280.00	\$ 3,920.00	44.00%
\$ 4,400.00	\$ 4,400.00	41.33%
\$ 5,850.00	\$ 11,700.00	35.00%
\$ 375.00	\$ 27,750.00	-50.00%
\$ 375.00	\$ 6,000.00	-50.00%
\$ 755.00	\$ 1,510.00	69.80%
\$ 126.00	\$ 504.00	16.00%
\$ 275.00	\$ 46,200.00	38.89%
\$ 3,010.00	\$ 240,800.00	5.94%
\$ 1,310.00	\$ 26,200.00	27.22%
\$ 2,755.00	\$ 2,755.00	21.29%
\$ 2,925.00	\$ 5,850.00	26.88%
Total Amount		37.41%

Spaw Glass Civil Construction, Inc.		
Unit Price	Amount	% Difference to Eng. Est.
\$ 144,805.16	\$ 144,805.16	-14.02%
\$ -	\$ 0	#DIV/0!
\$ 32,164.45	\$ 32,164.45	24.14%
\$ 429,767.98	\$ 429,767.98	-103.01%
\$ 17,435.74	\$ 17,435.74	79.41%
\$ 29,185.51	\$ 29,185.51	-94.57%
\$ 31,420.69	\$ 31,420.69	-109.47%
\$ 3,705.77	\$ 3,705.77	91.26%
\$ 30,000.00	\$ 30,000.00	0.00%
\$ 4,040.96	\$ 4,040.96	79.80%
\$ 63,500.70	\$ 25,400.28	87.30%
\$ 28,863.96	\$ 28,863.96	-188.64%
\$ 12,584.69	\$ 12,584.69	37.08%
\$ 1.56	\$ 2,886.00	-4.00%
\$ 1.62	\$ 14,482.80	7.43%
\$ 1.27	\$ 3,937.00	44.78%
\$ 23.09	\$ 2,632.60	-64.93%
\$ 57.73	\$ 20,205.50	27.84%
\$ 64.08	\$ 32,680.80	35.92%
\$ 115.46	\$ 8,082.00	23.03%
\$ 138.55	\$ 4,987.80	30.73%
\$ 124,692.33	\$ 124,692.33	64.37%
\$ 11,891.95	\$ 11,891.95	89.19%
\$ 7,648.95	\$ 15,297.90	49.01%
\$ 9,813.75	\$ 68,696.25	1.86%
\$ 1,731.84	\$ 12,122.88	61.51%
\$ 1,039.10	\$ 17,456.80	30.73%
\$ 317.50	\$ 5,715.00	36.50%
\$ 317.50	\$ 4,445.00	36.50%
\$ 4,964.59	\$ 4,964.59	33.81%
\$ 6,696.44	\$ 13,392.88	25.60%
\$ 415.64	\$ 3,075.36	-66.26%
\$ 427.19	\$ 6,835.04	-70.88%
\$ 865.92	\$ 17,318.40	65.36%
\$ 144.32	\$ 577.28	3.79%
\$ 311.73	\$ 52,370.64	30.73%
\$ 3,463.68	\$ 27,094.40	-8.24%
\$ 1,500.93	\$ 3,001.86	16.62%
\$ 3,175.03	\$ 3,175.03	9.28%
\$ 3,348.23	\$ 6,696.46	16.29%
Total Amount		21.90%

J3 Company, LLC		
Unit Price	Amount	% Difference to Eng. Est.
\$ 200,000.00	\$ 200,000.00	-57.48%
\$ -	\$ -	#DIV/0!
\$ 50,000.00	\$ 50,000.00	-17.92%
\$ 750,000.00	\$ 750,000.00	-254.27%
\$ 150,000.00	\$ 150,000.00	-77.10%
\$ 40,000.00	\$ 40,000.00	-166.67%
\$ 100,000.00	\$ 100,000.00	-566.67%
\$ 100,000.00	\$ 100,000.00	-135.85%
\$ 30,000.00	\$ 30,000.00	0.00%
\$ 4,000.00	\$ 4,000.00	80.00%
\$ 70,000.00	\$ 28,000.00	86.00%
\$ 30,000.00	\$ 30,000.00	-200.00%
\$ 12,000.00	\$ 12,000.00	40.00%
\$ 1.40	\$ 25,900.00	6.67%
\$ 1.55	\$ 138,570.00	11.43%
\$ 1.30	\$ 4,030.00	43.48%
\$ 24.00	\$ 27,360.00	-71.43%
\$ 55.00	\$ 19,250.00	31.25%
\$ 60.00	\$ 30,600.00	40.00%
\$ 115.00	\$ 80,500.00	23.33%
\$ 130.00	\$ 46,800.00	35.00%
\$ 120,000.00	\$ 120,000.00	65.71%
\$ 12,000.00	\$ 12,000.00	89.09%
\$ 8,000.00	\$ 16,000.00	46.67%
\$ 9,500.00	\$ 66,500.00	5.00%
\$ 1,700.00	\$ 11,900.00	62.22%
\$ 1,100.00	\$ 184,800.00	26.67%
\$ 300.00	\$ 54,000.00	40.00%
\$ 300.00	\$ 4,200.00	40.00%
\$ 5,000.00	\$ 5,000.00	33.33%
\$ 6,500.00	\$ 13,000.00	27.78%
\$ 400.00	\$ 29,600.00	-60.00%
\$ 410.00	\$ 6,560.00	-64.00%
\$ 900.00	\$ 1,800.00	64.00%
\$ 150.00	\$ 600.00	0.00%
\$ 300.00	\$ 50,400.00	33.33%
\$ 3,500.00	\$ 280,000.00	-9.38%
\$ 1,500.00	\$ 30,000.00	16.67%
\$ 3,200.00	\$ 3,200.00	8.57%
\$ 3,400.00	\$ 6,800.00	15.00%
Total Amount		-4.09%

Archer Western		
Unit Price	Amount	% Difference to Eng. Est.
\$ 119,921.00	\$ 119,921.00	5.57%
\$ -	\$ -	#DIV/0!
\$ 21,738.00	\$ 21,738.00	48.73%
\$ 193,196.39	\$ 193,196.39	8.74%
\$ 51,131.00	\$ 51,131.00	39.63%
\$ -	\$ -	100.00%
\$ 157,822.89	\$ 157,822.89	-952.15%
\$ 34,255.00	\$ 34,255.00	19.21%
\$ 30,000.00	\$ 30,000.00	0.00%
\$ 3,539.64	\$ 3,539.64	82.30%
\$ 65,622.98	\$ 26,249.19	86.88%
\$ 40,283.17	\$ 40,283.17	-302.83%
\$ 16,023.46	\$ 16,023.46	19.88%
\$ 1.37	\$ 25,345.00	8.67%
\$ 1.42	\$ 126,948.00	18.86%
\$ 1.11	\$ 3,441.00	51.74%
\$ 20.23	\$ 23,062.20	-44.50%
\$ 50.57	\$ 17,699.50	36.79%
\$ 56.13	\$ 28,626.30	43.87%
\$ 101.13	\$ 70,791.00	32.58%
\$ 121.36	\$ 43,689.60	39.32%
\$ 124,223.30	\$ 124,223.30	64.51%
\$ 15,416.67	\$ 15,416.67	85.98%
\$ 9,200.04	\$ 18,400.08	38.67%
\$ 8,596.28	\$ 60,173.96	14.04%
\$ 1,516.99	\$ 10,618.93	66.29%
\$ 1,010.19	\$ 169,711.92	32.65%
\$ 378.11	\$ 68,059.80	24.38%
\$ 278.12	\$ 3,893.68	44.38%
\$ 4,348.71	\$ 4,348.71	42.02%
\$ 5,865.70	\$ 11,731.40	34.83%
\$ 364.08	\$ 26,941.92	-45.63%
\$ 374.19	\$ 5,987.04	-49.68%
\$ 758.50	\$ 1,517.00	69.66%
\$ 126.42	\$ 505.68	15.72%
\$		

**SAN ANTONIO INTERNATIONAL AIRPORT
TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 4)**

Date Prepared: June 30, 2016

BASE BID

\$ 563,600.00

\$ 1,152,664.00

\$ 626,787.99

\$ 327,000.00

\$ 821,597.90

ENGINEER'S OPINION OF PROBABLE COST & BID TABS

Item	Specification Number	Bid Item Description	Quantity	Unit	Engineer's Estimate	
					Unit Price	Amount
BASE BID						
1	100.1	Mobilization/Demobilization	1	LS	\$ 83,400.00	\$ 83,400.00
2	100.2	Contractor Staging Area	1	Allow	\$ 200,000.00	\$ 200,000.00
3	100.3	Insurance and Bonds	1	LS	\$ 27,800.00	\$ 27,800.00
4	100.4	Airside Safety and Security / Traffic Control	1	LS	\$ 139,000.00	\$ 139,000.00
5	101.1	Preparing Right-of-Way	1	LS	\$ 55,600.00	\$ 55,600.00
6	540.1	Storm Water Pollution Prevention Plan	1	LS	\$ 15,000.00	\$ 15,000.00
7	GP 60-05	Field Office and Curing Facilities	1	LS	\$ 15,000.00	\$ 15,000.00
8	P-100-2.1	Contractor Quality Control	1	LS	\$ 27,800.00	\$ 27,800.00
9	P-101-5.1	Portland Cement Concrete Pavement Removal, Including Thickened Edge and Reinforcement	2,650	SY	\$ 20.00	\$ 53,000.00
10	P-101-5.3	Cement-Treated Base Removal	2,650	SY	\$ 15.00	\$ 39,750.00
11	P-101-5.4	Concrete Pavement Saw Cut (Full Depth)	382.00	LF	\$ 18.00	\$ 6,876.00
12	P-151-4.1	Clearing and Grubbing	2.08	AC	\$ 10,000.00	\$ 20,800.00
13	P-151-4.3	Remove Existing Catch Basin or Manhole	2	EA	\$ 1,000.00	\$ 2,000.00
14	P-152-4.1	Unclassified Excavation (Estimated)	4,120	CY	\$ 17.50	\$ 72,100.00
15	P-155-8.1	Lime-Treated Subgrade, 6" Depth (P-155)	4,670	SY	\$ 3.50	\$ 16,345.00
16	P-155-8.2	Lime	100	TON	\$ 175.00	\$ 17,500.00
17	P-208-5.1	Aggregate Base Course, 13" Depth (P-208)	660	SY	\$ 35.00	\$ 23,100.00
18	P-208-5.1	Temporary Aggregate Base Course, 8" Depth (P-208)	170	SY	\$ 20.00	\$ 3,400.00
19	P-304-8.1	Cement-Treated Base Course, 8" Depth (P-304)	1,500	SY	\$ 30.00	\$ 45,000.00
20	P-304-8.2	Cement-Treated Base Course, 16" Depth (P-304)	3,200	SY	\$ 60.00	\$ 192,000.00
21	P-401-8.1	Temporary HMA Pavement (5" Surface Course)	50	TON	\$ 150.00	\$ 7,500.00
22	P-403-8.1	HMA Pavement (3" Surface Course)	240	TON	\$ 150.00	\$ 36,000.00
23	P-403-8.2	Temporary HMA Pavement (9" Base Course)	80	TON	\$ 150.00	\$ 12,000.00
24	P-501-8.1	Portland Cement Concrete Pavement, 16" Depth	3,000	SY	\$ 110.00	\$ 330,000.00
25	P-604-6.1	Preformed Sealer, 1/2-inch Joint	3,350	LF	\$ 4.50	\$ 15,075.00
26	P-604-6.2	Preformed Sealer, 1-inch Joint	310	LF	\$ 5.00	\$ 1,550.00
27	P-604-6.3	Hot Applied Edge Seal	480	LF	\$ 2.50	\$ 1,200.00
28	P-620-5.1	Reflective Yellow Taxiway Pavement Markings, Waterborne	1,810	SF	\$ 2.00	\$ 3,620.00
29	P-620-5.2	Reflective White Runway Pavement Markings, Waterborne	900	SF	\$ 2.00	\$ 1,800.00
30	P-620-5.3	Non-Reflective Black Pavement Markings, Waterborne	2,620.00	SF	\$ 1.50	\$ 3,930.00
31	P-620-5.4	Reflective Surface Painted Holding Position Signs, Waterborne	860	SF	\$ 2.00	\$ 1,720.00
32	P-620-5.5	Pavement Marking Obliteration	2,120	SF	\$ 3.50	\$ 7,420.00
33	P-620-5.6	Temporary Reflective Yellow Taxiway Pavement Markings, Waterborne	490	SF	\$ 2.00	\$ 980.00
34	T-904-5.1	Sodding, 2" Depth (T-904)	10,040.00	SY	\$ 6.00	\$ 60,240.00
35	T-905-5.1	Top Soil, 2" Depth (T-905)	560	CY	\$ 25.00	\$ 14,000.00
36	D-705-5.1	Underdrain System	1	LS	\$ 15,000.00	\$ 15,000.00
37	D-751-5.2	Adjust Existing Manhole/Inlet	1	EA	\$ 10,000.00	\$ 10,000.00
38	L-100-5.3	Electrical Demolition	0	LS	\$ 500,000.00	\$ 50,000.00
39	L-105-6.2	Base Bid Twy J Temporary Jumpers, Lighting and Signage	1	LS	\$ 10,000.00	\$ 10,000.00
40	L-108-5.1	L-824, Type C, 1/C #8, 5 kV Cable	4,100	LF	\$ 1.50	\$ 6,150.00
41	L-108-5.2	L-824, Type C, 1/C #6, 5 kV Cable	1,000	LF	\$ 1.75	\$ 1,750.00
42	L-108-5.3	Bare, 1/C #6, Counterpoise Wire	3,100	LF	\$ 2.30	\$ 7,130.00
43	L-110-5.1	Single-way 2" Conduit, Direct Buried	1,340	LF	\$ 14.00	\$ 18,760.00
44	L-110-5.3	Multiple-way (6) 2-inch Conduits, Direct Buried	80	LF	\$ 80.00	\$ 6,400.00
45	L-110-5.5	Single-way 2" Conduit, Concrete Encased	300	LF	\$ 16.00	\$ 4,800.00
46	L-110-5.6	Multiple-way (4) 2-inch HDPE Conduits, Directional Bored	580	LF	\$ 110.00	\$ 63,800.00
47	L-110-5.7	Multiple-way (6) 2-inch HDPE Conduits, Directional Bored	400	LF	\$ 150.00	\$ 60,000.00
48	L-110-5.9	System Drain, (1) 2" Conduit, Concrete Encased	350	LF	\$ 20.00	\$ 7,000.00
49	L-115-5.1	New Concrete Handhole, Type I, Furnished & Installed	4	EA	\$ 10,000.00	\$ 40,000.00
50	L-115-5.3	Two-Can Junction Can Plaza, Furnished & Installed	4	EA	\$ 4,500.00	\$ 18,000.00
51	L-850-4.3	Salvage and Reinstall In-pavement L-850C Runway Edge Light with New Isolation Transformer on New or Existing Base	1	EA	\$ 500.00	\$ 500.00
52	L-858-5.1	New Size 3, 1-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	2	EA	\$ 3,700.00	\$ 7,400.00
53	L-858-5.3	New Size 3, 3-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	1	EA	\$ 7,500.00	\$ 7,500.00
54	L-858-5.4	New Size 3, 4-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	1	EA	\$ 9,000.00	\$ 9,000.00
55	L-861T-4.3	Salvage and Reinstall L-861T Quartz Taxiway Edge Light with New Isolation Transformer on New Base	18	EA	\$ 150.00	\$ 2,700.00
56	L-867/868-6.1	Size "B" L-867 Base Can for Any New, Reinstalled or Future Fixture in New Asphalt Shoulder	12	EA	\$ 1,300.00	\$ 15,600.00
57	L-867/868-6.2	Size "B" L-867 Base Can for Any New, Reinstalled or Future Fixture in Non-Paved Shoulder	7	EA	\$ 2,500.00	\$ 17,500.00
58	L-867/868-6.3	Size "B" L-868 Base Can - "Standard Installation (New PCCP)"	1	EA	\$ 2,800.00	\$ 2,800.00

Jordan Foster Construction		
Unit Price	Amount	% Difference to Eng. Est.
\$ 300,000.00	\$ 300,000.00	-259.71%
\$ 200,000.00	\$ 200,000.00	0.00%
\$ 55,664.00	\$ 55,664.00	-100.23%
\$ 450,000.00	\$ 450,000.00	-223.74%
\$ 15,000.00	\$ 15,000.00	73.02%
\$ 60,000.00	\$ 60,000.00	-300.00%
\$ 42,000.00	\$ 42,000.00	-180.00%
\$ 30,000.00	\$ 30,000.00	-7.91%
\$ 18.00	\$ 47,700.00	10.00%
\$ 16.00	\$ 42,400.00	-6.67%
\$ 6.00	\$ 2,292.00	66.67%
\$ 1,200.00	\$ 2,496.00	88.00%
\$ 4,500.00	\$ 9,000.00	-350.00%
\$ 17.00	\$ 70,040.00	2.86%
\$ 5.00	\$ 23,350.00	-42.86%
\$ 185.00	\$ 18,500.00	-5.71%
\$ 75.00	\$ 49,500.00	-114.29%
\$ 48.00	\$ 8,160.00	-140.00%
\$ 49.00	\$ 73,500.00	-63.33%
\$ 95.00	\$ 304,000.00	-58.33%
\$ 375.00	\$ 18,750.00	-150.00%
\$ 350.00	\$ 84,000.00	-133.33%
\$ 375.00	\$ 35760.00	-150.00%
\$ 155.00	\$ 465,000.00	-40.91%
\$ 5.00	\$ 16,750.00	-11.11%
\$ 13.50	\$ 4,185.00	-170.00%
\$ 4.25	\$ 2,040.00	-70.00%
\$ 4.00	\$ 7,240.00	-100.00%
\$ 4.00	\$ 3,600.00	-100.00%
\$ 3.00	\$ 7,860.00	-100.00%
\$ 8.50	\$ 7,310.00	-325.00%
\$ 4.75	\$ 10,070.00	-35.71%
\$ 10.50	\$ 5,145.00	-425.00%
\$ 4.50	\$ 45,180.00	25.00%
\$ 11.00	\$ 6,160.00	56.00%
\$ 20,000.00	\$ 20,000.00	-33.33%
\$ 6,500.00	\$ 6,500.00	35.00%
\$ 46,000.00	\$ 4,600.00	90.80%
\$ 2,100.00	\$ 2,100.00	79.00%
\$ 1.35	\$ 5,535.00	10.00%
\$ 1.40	\$ 1,400.00	20.00%
\$ 1.15	\$ 3,565.00	50.00%
\$ 21.00	\$ 28,140.00	-50.00%
\$ 50.50	\$ 4,040.00	27.84%
\$ 25.50	\$ 7,650.00	-59.38%
\$ 91.00	\$ 52,780.00	17.27%
\$ 101.00	\$ 40,400.00	32.67%
\$ 26.00	\$ 9,100.00	-30.00%
\$ 8,525.00	\$ 34,100.00	14.75%
\$ 1,525.00	\$ 6,100.00	66.11%
\$ 355.00	\$ 355.00	29.00%
\$ 2,100.00	\$ 4,200.00	43.24%
\$ 4,400.00	\$ 4,400.00	41.33%
\$ 5,825.00	\$ 5,825.00	35.28%
\$ 325.00	\$ 5,850.00	-116.67%
\$ 1,100.00	\$ 13,200.00	15.38%
\$ 752.00	\$ 5,264.00	69.92%
\$ 1,425.00	\$ 1,425.00	49.11%

Spaw Glass Civil Construction, Inc.		
Unit Price	Amount	% Difference to Eng. Est.
\$ 118,434.03	\$ 118,434.03	-42.01%
\$ 200,000.00	200000	0.00%
\$ 10,187.05	10187.05	63.36%
\$ 235,043.32	235043.32	-69.10%
\$ 11,821.37	11821.37	78.74%
\$ 5,087.26	5087.26	66.08%
\$ 34,882.32	34882.32	-132.55%
\$ 11,332.64	11332.64	59.24%
\$ 20.09	53238.5	-0.45%
\$ 8.74	23161	41.73%
\$ 6.35	2425.7	64.72%
\$ 7,655.13	15922.6704	23.45%
\$ 1,535.86	3071.72	-53.59%
\$ 17.80	73336	-1.71%
\$ 5.54	25871.8	-58.29%
\$ 186.03	18603	-6.30%
\$ 25.30	16698	27.71%
\$ 24.61	4183.7	-23.05%
\$ 27.55	41325	8.17%
\$ 55.07	176224	8.22%
\$ 483.00	24150	-222.00%
\$ 247.92	59500.8	-65.28%
\$ 447.01	37500.00	-198.01%
\$ 105.51	316530	4.08%
\$ 5.38	18023	-19.56%
\$ 14.96	4637.6	-199.20%
\$ 4.53	2174.4	-81.20%
\$ 1.59	2877.9	20.50%
\$ 1.59	1431	20.50%
\$ 1.02	2672.4	32.00%
\$ 1.36	1169.6	32.00%
\$ 3.42	7250.4	2.29%
\$ 1.25	612.5	37.50%
\$ 7.16	71886.4	-19.33%
\$ 51.00	28560	-104.00%
\$ 42,757.15	42757.15	-185.05%
\$ 8,262.12	8262.12	17.38%
\$ 46,182.50	4618.25	90.76%
\$ 2,395.71	2395.71	76.04%
\$ 1.56	6396	-4.00%
\$ 1.62	1620	7.43%
\$ 1.27	3937	44.78%
\$ 23.09	30940.6	-64.93%
\$ 57.73	4618.4	27.84%
\$ 28.86	8658	-80.38%
\$ 103.91	60267.8	5.54%
\$ 115.46	46184	23.03%
\$ 28.86	10101	-44.30%
\$ 9,813.75	39255	1.86%
\$ 1,731.84	6927.36	61.51%
\$ 404.09	404.09	19.18%
\$ 2,366.85	4733.7	36.03%
\$ 4,964.59	4964.59	33.81%
\$ 6,696.45	6696.45	25.60%
\$ 369.46	6650.28	-146.31%
\$ 1,212.29	14547.48	6.75%
\$ 865.92	6061.44	65.36%
\$ 1,616.38	1616.38	42.27%

J3 Company, LLC		
Unit Price	Amount	% Difference to Eng. Est.
\$ 100,000.00	\$ 100,000.00	-19.90%
\$ 200,000.00	\$ 200,000.00	0.00%
\$ 22,000.00	\$ 22,000.00	20.86%
\$ 1,000.00	\$ 1,000.00	99.28%
\$ 1,000.00	\$ 1,000.00	98.20%
\$ 1,000.00	\$ 1,000.00	93.33%
\$ 1,000.00	\$ 1,000.00	93.33%
\$ 1,000.00	\$ 1,000.00	96.40%
\$ 15.00	\$ 39,750.00	25.00%
\$ 8.00	\$ 21,200.00	46.67%
\$ 20.00	\$ 7,640.00	-11.11%
\$ 2,000.00	\$ 4,160.00	80.00%
\$ 2,000.00	\$ 4,000.00	-100.00%
\$ 20.00	\$ 82,400.00	-14.29%
\$ 1.50	\$ 7,005.00	57.14%
\$ 150.00	\$ 15,000.00	14.29%
\$ 30.00	\$ 19,800.00	14.29%
\$ 25.00	\$ 4,250.00	-25.00%
\$ 30.00	\$ 45,0	

59	L-867/868-6.5	New Size "B" L-867 Blank Base Can Cover	3	EA	\$ 150.00	\$ 450.00
60	L-867/868-6.10	Concrete Foundation for 1-Module Sign	2	EA	\$ 2,500.00	\$ 5,000.00
61	L-867/868-6.11	Concrete Foundation for 2-Module Sign	2	EA	\$ 3,000.00	\$ 6,000.00
62	L-867/868-6.12	Concrete Foundation for 3-Module Sign	1	EA	\$ 3,500.00	\$ 3,500.00
63	L-867/868-6.13	Concrete Foundation for 4-Module Sign	1	EA	\$ 4,000.00	\$ 4,000.00
Total Amount						\$ 1,953,246.00

\$ 126.00	\$ 378.00	16.00%
\$ 2,255.00	\$ 4,510.00	9.80%
\$ 2,525.00	\$ 5,050.00	15.83%
\$ 2,800.00	\$ 2,800.00	20.00%
\$ 3,000.00	\$ 3,000.00	25.00%
	\$ 2,799,159.00	-43.31%

\$ 144.32	432.96	3.79%
\$ 2,597.76	5195.52	-3.91%
\$ 2,886.40	5772.8	3.79%
\$ 3,175.03	3175.03	9.28%
\$ 3,348.22	3348.22	16.29%
	\$ 1,998,623.21	-2.32%

\$ 150.00	\$ 450.00	0.00%
\$ 2,500.00	\$ 5,000.00	0.00%
\$ 2,800.00	\$ 5,600.00	6.67%
\$ 3,200.00	\$ 3,200.00	8.57%
\$ 3,400.00	\$ 3,400.00	15.00%
	\$ 1,745,725.00	10.62%

\$ 126.42	\$ 379.26	15.72%
\$ 2,275.49	\$ 4,550.98	8.98%
\$ 2,528.32	\$ 5,056.64	15.72%
\$ 2,781.15	\$ 2,781.15	20.54%
\$ 2,932.85	\$ 2,932.85	26.68%
	\$ 2,196,217.98	-12.44%

**SAN ANTONIO INTERNATIONAL AIRPORT
TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 4)**

Date Prepared: June 30, 2016

BASE BID

\$ 358,200.00

\$ 351,000.00

\$ 570,139.82

\$ 44,500.00

\$ 452,807.91

ENGINEER'S OPINION OF PROBABLE COST & BID TABS

Item	Specification Number	Bid Item Description	Quantity	Unit	Engineer's Estimate	
					Unit Price	Amount
BASE BID						
1	100.1	Mobilization/Demobilization	1	LS	\$ 75,800.00	\$ 75,800.00
2	100.2	Contractor Staging Area	1	Allow	\$ 25,000.00	\$ 25,000.00
3	100.3	Insurance and Bonds	1	LS	\$ 25,300.00	\$ 25,300.00
4	100.4	Airside Safety and Security / Traffic Control	1	LS	\$ 126,300.00	\$ 126,300.00
5	101.1	Preparing Right-of-Way	1	LS	\$ 50,500.00	\$ 50,500.00
6	540.1	Storm Water Pollution Prevention Plan	1	LS	\$ 15,000.00	\$ 15,000.00
7	GP 60-05	Field Office and Curing Facilities	1	LS	\$ 15,000.00	\$ 15,000.00
8	P-100-2.1	Contractor Quality Control	1	LS	\$ 25,300.00	\$ 25,300.00
9	P-101-5.1	Portland Cement Concrete Pavement Removal, Including Thickened Edge and Reinforcement	1,330	SY	\$ 20.00	\$ 26,600.00
10	P-101-5.2	Bituminous Pavement Removal	170	SY	\$ 15.00	\$ 2,550.00
11	P-101-5.3	Cement-Treated Base Removal	1,490.00	SY	\$ 15.00	\$ 22,350.00
12	P-101-5.4	Concrete Pavement Saw Cut (Full Depth)	369	LF	\$ 18.00	\$ 6,642.00
13	P-101-5.5	AC Pavement Saw Cut (Full Depth)	60	LF	\$ 5.00	\$ 300.00
14	P-151-4.1	Clearing and Grubbing	1.94	AC	\$ 10,000.00	\$ 19,400.00
15	P-152-4.1	Unclassified Excavation (Estimated)	7,830	CY	\$ 17.50	\$ 137,025.00
16	P-155-8.1	Lime-Treated Subgrade, 6" Depth (P-155)	6,130	SY	\$ 3.50	\$ 21,455.00
17	P-155-8.2	Lime	130	TON	\$ 175.00	\$ 22,750.00
18	P-208-5.1	Aggregate Base Course, 13" Depth (P-208)	1,010	SY	\$ 35.00	\$ 35,350.00
19	P-304-8.1	Cement-Treated Base Course, 8" Depth (P-304)	3,200	SY	\$ 30.00	\$ 96,000.00
20	P-304-8.2	Cement-Treated Base Course, 16" Depth (P-304)	3,200	SY	\$ 60.00	\$ 192,000.00
21	P-403-8.1	HMA Pavement (3" Surface Course)	520	TON	\$ 150.00	\$ 78,000.00
22	P-501-8.1	Portland Cement Concrete Pavement, 16" Depth	2,890	SY	\$ 110.00	\$ 317,900.00
23	P-604-6.1	Preformed Sealer, 1/2-inch Joint	2,780	LF	\$ 4.50	\$ 12,510.00
24	P-604-6.2	Preformed Sealer, 1-inch Joint	530	LF	\$ 5.00	\$ 2,650.00
25	P-604-6.3	Hot Applied Edge Seal	1,020	LF	\$ 2.50	\$ 2,550.00
26	P-620-5.1	Reflective Yellow Taxiway Pavement Markings, Waterborne	2,890	SF	\$ 2.00	\$ 5,780.00
27	P-620-5.3	Non-Reflective Black Pavement Markings, Waterborne	4,080	SF	\$ 1.50	\$ 6,120.00
28	P-620-5.4	Reflective Surface Painted Holding Position Signs, Waterborne	860	SF	\$ 2.00	\$ 1,720.00
29	P-620-5.5	Pavement Marking Obliteration	830	SF	\$ 3.50	\$ 2,905.00
30	T-904-5.1	Sodding, 2" Depth (T-904)	9,390.00	SY	\$ 6.00	\$ 56,340.00
31	T-905-5.1	Top Soil, 2" Depth (T-905)	520	CY	\$ 25.00	\$ 13,000.00
32	D-705-5.1	Underdrain System	1	LS	\$ 5,000.00	\$ 5,000.00
33	L-100-5.3	Electrical Demolition	0.2	LS	\$ 500,000.00	\$ 100,000.00
34	L-105-6.3	Alternate 1 Temporary Jumpers, Lighting and Signage	1.00	LS	\$ 10,000.00	\$ 10,000.00
35	L-108-5.1	L-824, Type C, 1/C #8, 5 kV Cable	2,390	LF	\$ 1.50	\$ 3,585.00
36	L-108-5.3	Bare, 1/C #6, Counterpoise Wire	1,400	LF	\$ 2.30	\$ 3,220.00
37	L-110-5.1	Single-way 2" Conduit, Direct Buried	1,210	LF	\$ 14.00	\$ 16,940.00
38	L-110-5.9	System Drain, (1) 2" Conduit, Concrete Encased	180	LF	\$ 20.00	\$ 3,600.00
39	L-858-5.2	New Size 3, 2-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	1	EA	\$ 5,500.00	\$ 5,500.00
40	L-858-5.3	New Size 3, 3-Module Airside LED Guidance Sign, Installed on Any Foundation or Base Assembly	1	EA	\$ 7,500.00	\$ 7,500.00
41	L-861T-4.1	New L-861T LED Taxiway Edge Light with New Isolation Transformer on New Base	14	EA	\$ 500.00	\$ 7,000.00
42	L-861T-4.3	Salvage and Reinstall L-861T Quartz Taxiway Edge Light with New Isolation Transformer on New Base	8	EA	\$ 150.00	\$ 1,200.00
43	L-867/868-6.1	Size "B" L-867 Base Can for Any New, Reinstalled or Future Fixture in New Asphalt Shoulder	13	EA	\$ 1,300.00	\$ 16,900.00
Total Amount					\$	1,620,542.00

Jordan Foster Construction			
Unit Price	Amount	% Difference to Eng. Est.	
\$ 93,000.00	\$ 93,000.00	-22.69%	
\$ 25,000.00	\$ 25,000.00	0.00%	
\$ 15,000.00	\$ 15,000.00	40.71%	
\$ 155,000.00	\$ 155,000.00	-22.72%	
\$ 10,000.00	\$ 10,000.00	80.20%	
\$ 5,000.00	\$ 5,000.00	66.67%	
\$ 28,000.00	\$ 28,000.00	-86.67%	
\$ 20,000.00	\$ 20,000.00	20.95%	
\$ 19.00	\$ 25,270.00	5.00%	
\$ 43.00	\$ 7,310.00	-186.67%	
\$ 16.00	\$ 23,840.00	-6.67%	
\$ 5.75	\$ 2,121.75	68.06%	
\$ 3.25	\$ 195.00	35.00%	
\$ 3,000.00	\$ 5,820.00	70.00%	
\$ 13.00	\$ 101,790.00	25.71%	
\$ 6.00	\$ 36,780.00	-71.43%	
\$ 185.00	\$ 24,050.00	-5.71%	
\$ 65.00	\$ 65,650.00	-85.71%	
\$ 48.00	\$ 153,600.00	-60.00%	
\$ 96.00	\$ 307,200.00	-60.00%	
\$ 350.00	\$ 182,000.00	-133.33%	
\$ 155.00	\$ 447,950.00	-40.91%	
\$ 4.75	\$ 13,205.00	-5.56%	
\$ 13.50	\$ 7,155.00	-170.00%	
\$ 4.00	\$ 4,080.00	-60.00%	
\$ 4.00	\$ 11,560.00	-100.00%	
\$ 3.00	\$ 12,240.00	-100.00%	
\$ 8.50	\$ 7,310.00	-325.00%	
\$ 10.50	\$ 8,715.00	-200.00%	
\$ 4.00	\$ 37,560.00	33.33%	
\$ 15.00	\$ 7,800.00	40.00%	
\$ 9,000.00	\$ 9,000.00	-80.00%	
\$ 43,000.00	\$ 8,600.00	91.40%	
\$ 2,100.00	\$ 2,100.00	79.00%	
\$ 1.35	\$ 3,226.50	10.00%	
\$ 1.15	\$ 1,610.00	50.00%	
\$ 20.15	\$ 24,381.50	-43.93%	
\$ 25.50	\$ 4,590.00	-27.50%	
\$ 2,800.00	\$ 2,800.00	49.09%	
\$ 3,000.00	\$ 3,000.00	60.00%	
\$ 451.00	\$ 6,314.00	9.80%	
\$ 321.00	\$ 2,568.00	-114.00%	
\$ 1,053.00	\$ 13,689.00	19.00%	
\$ 1,926,080.75		-18.85%	

Spaw Glass Civil Construction, Inc.			
Unit Price	Amount	% Difference to Eng. Est.	
\$ 129,068.57	\$ 129,068.57	-70.28%	
\$ 25,000.00	\$ 25,000.00	0.00%	
\$ 15,482.05	\$ 15,482.05	38.81%	
\$ 316,558.51	\$ 316,558.51	-150.64%	
\$ 8,421.57	\$ 8,421.57	83.32%	
\$ 15,430.07	\$ 15,430.07	-2.87%	
\$ 53,526.80	\$ 53,526.80	-256.85%	
\$ 6,652.25	\$ 6,652.25	73.71%	
\$ 21.53	\$ 28,634.90	-7.65%	
\$ 13.55	\$ 2,303.50	9.67%	
\$ 12.74	\$ 18,982.60	15.07%	
\$ 6.35	\$ 23,431.15	64.72%	
\$ 3.63	\$ 217.80	27.40%	
\$ 6,363.24	\$ 12,344.6856	36.37%	
\$ 17.80	\$ 13,937.40	-1.71%	
\$ 5.54	\$ 33,960.20	-58.29%	
\$ 186.03	\$ 24,183.90	-6.30%	
\$ 25.30	\$ 25,553.00	27.71%	
\$ 27.55	\$ 8,816.00	8.17%	
\$ 55.07	\$ 17,622.40	8.22%	
\$ 235.53	\$ 12,247.56	-57.02%	
\$ 94.07	\$ 27,186.23	14.48%	
\$ 5.38	\$ 13,205.00	-19.56%	
\$ 14.96	\$ 7,928.80	-199.20%	
\$ 4.53	\$ 4,620.60	-81.20%	
\$ 1.59	\$ 4,595.10	20.50%	
\$ 1.02	\$ 4,161.60	32.00%	
\$ 1.36	\$ 11,699.60	32.00%	
\$ 3.42	\$ 28,386.00	2.29%	
\$ 7.30	\$ 68,547.00	-21.67%	
\$ 51.00	\$ 26,520.00	-104.00%	
\$ 19,911.67	\$ 19,911.67	-298.23%	
\$ 46,182.30	\$ 9,236.46	90.76%	
\$ 2,395.71	\$ 2,395.71	76.04%	
\$ 1.56	\$ 3,728.40	-4.00%	
\$ 1.27	\$ 1,778.00	44.78%	
\$ 23.09	\$ 27,938.90	-64.93%	
\$ 28.86	\$ 5,194.80	-44.30%	
\$ 3,175.03	\$ 3,175.03	42.27%	
\$ 3,348.22	\$ 3,348.22	55.36%	
\$ 519.55	\$ 7,273.70	-3.91%	
\$ 369.46	\$ 29,556.80	-146.31%	
\$ 1,212.29	\$ 15,759.77	6.75%	
\$ 1,754,793.50		-8.28%	

J3 Company, LLC			
Unit Price	Amount	% Difference to Eng. Est.	
\$ 4,500.00	\$ 4,500.00	94.06%	
\$ 25,000.00	\$ 25,000.00	0.00%	
\$ 1,000.00	\$ 1,000.00	96.05%	
\$ 10,000.00	\$ 10,000.00	92.08%	
\$ 1,000.00	\$ 1,000.00	98.02%	
\$ 1,000.00	\$ 1,000.00	93.33%	
\$ 1,000.00	\$ 1,000.00	93.33%	
\$ 1,000.00	\$ 1,000.00	96.05%	
\$ 15.00	\$ 19,950.00	25.00%	
\$ 20.00	\$ 3,400.00	-33.33%	
\$ 8.00	\$ 11,920.00	46.67%	
\$ 20.00	\$ 7,380.00	-11.11%	
\$ 10.00	\$ 600.00	-100.00%	
\$ 2,000.00	\$ 3,880.00	80.00%	
\$ 20.00	\$ 156,600.00	-14.29%	
\$ 1.50	\$ 9,195.00	57.14%	
\$ 150.00	\$ 19,500.00	14.29%	
\$ 30.00	\$ 30,300.00	14.29%	
\$ 30.00	\$ 96,000.00	0.00%	
\$ 60.00	\$ 192,000.00	0.00%	
\$ 180.00	\$ 93,600.00	-20.00%	
\$ 130.00	\$ 375,700.00	-18.18%	
\$ 10.00	\$ 27,800.00	-122.22%	
\$ 25.00	\$ 13,250.00	-400.00%	
\$ 8.00	\$ 8,160.00	-220.00%	
\$ 5.00	\$ 14,450.00	-150.00%	
\$ 4.00	\$ 16,320.00	-166.67%	
\$ 10.00	\$ 8,600.00	-400.00%	
\$ 12.00	\$ 9,960.00	-242.86%	
\$ 5.00	\$ 46,950.00	16.67%	
\$ 25.00	\$ 13,000.00	0.00%	
\$ 40,000.00	\$ 40,000.00	-700.00%	
\$ 45,000.00	\$ 9,000.00	91.00%	
\$ 2,400.00	\$ 2,400.00	76.00%	
\$ 1.50	\$ 3,585.00	0.00%	
\$ 1.30	\$ 1,820.00	43.48%	
\$ 24.00	\$ 29,040.00	-71.43%	
\$ 28.00	\$ 5,040.00	-40.00%	
\$ 3,000.00	\$ 3,000.00	45.45%	
\$ 3,200.00	\$ 3,200.00	57.33%	
\$ 500.00	\$ 7,000.00	0.00%	
\$ 350.00	\$ 2,800.00	-133.33%	
\$ 1,200.00	\$ 15,600.00	7.69%	
\$ 1,345,500.00		16.97%	

Archer Western			
Unit Price	Amount	% Difference to Eng. Est.	
\$ 110,559.25	\$ 110,559.25	-45.86%	
\$ 25,000.00	\$ 25,000.00	0.00%	
\$ 20,459.00	\$ 20,459.00	19.13%	
\$ 60,663.10	\$ 60,663.10	51.97%	
\$ 24,201.00	\$ 24,201.00	52.08%	
\$ 22,319.56	\$ 22,319.56	-48.80%	
\$ 127,436.00	\$ 127,436.00	-749.57%	
\$ 62,170.00	\$ 62,170.00	-145.73%	
\$ 19.59	\$ 26,054.70	2.05%	
\$ 43.65	\$ 7,420.50	-191.00%	
\$ 15.89	\$ 23,676.10	-5.93%	
\$ 31.53	\$ 11,634.57	-75.17%	
\$ 5.39	\$ 323.40	-7.80%	
\$ 3,399.37	\$ 6,594.78	66.01%	
\$ 18.21	\$ 142,584.30	-4.06%	

SAN ANTONIO INTERNATIONAL AIRPORT
 TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 4)

Date Prepared: June 30, 2016

BASE BID

\$ 249,900.00

\$ 325,000.00

\$ 386,281.60

\$ 44,500.00

\$ 465,326.97

ENGINEER'S OPINION OF PROBABLE COST & BID TABS

Item	Specification Number	Bid Item Description	Quantity	Unit	Engineer's Estimate	
					Unit Price	Amount
BASE BID						
1	100.1	Mobilization/Demobilization	1	LS	\$ 48,700.00	\$ 48,700.00
2	100.2	Contractor Staging Area	1	Allow	\$ 25,000.00	\$ 25,000.00
3	100.3	Insurance and Bonds	1	LS	\$ 16,300.00	\$ 16,300.00
4	100.4	Airside Safety and Security / Traffic Control	1	LS	\$ 81,100.00	\$ 81,100.00
5	101.1	Preparing Right-of-Way	1	LS	\$ 32,500.00	\$ 32,500.00
6	540.1	Storm Water Pollution Prevention Plan	1	LS	\$ 15,000.00	\$ 15,000.00
7	GP 60-05	Field Office and Curing Facilities	1	LS	\$ 15,000.00	\$ 15,000.00
8	P-100-2.1	Contractor Quality Control	1	LS	\$ 16,300.00	\$ 16,300.00
9	P-101-5.1	Portland Cement Concrete Pavement Removal, Including Thickened Edge and Reinforcement	3,070	SY	\$ 20.00	\$ 61,400.00
10	P-101-5.3	Cement-Treated Base Removal	3,070	SY	\$ 15.00	\$ 46,050.00
11	P-101-5.4	Concrete Pavement Saw Cut (Full Depth)	520.00	LF	\$ 18.00	\$ 9,360.00
12	P-151-4.1	Clearing and Grubbing	0	AC	\$ 10,000.00	\$ 1,700.00
13	P-152-4.1	Unclassified Excavation (Estimated)	165	CY	\$ 17.50	\$ 2,887.50
14	P-155-8.1	Lime-Treated Subgrade, 6" Depth (P-155)	3,230	SY	\$ 3.50	\$ 11,305.00
15	P-155-8.2	Lime	70	TON	\$ 175.00	\$ 12,250.00
16	P-208-5.1	Aggregate Base Course, 13" Depth (P-208)	510	SY	\$ 35.00	\$ 17,850.00
17	P-304-8.2	Cement-Treated Base Course, 16" Depth (P-304)	3,200	SY	\$ 60.00	\$ 192,000.00
18	P-501-8.1	Portland Cement Concrete Pavement, 16" Depth	3,070	SY	\$ 110.00	\$ 337,700.00
19	P-604-6.1	Preformed Sealer, 1/2-inch Joint	2,120	LF	\$ 4.50	\$ 9,540.00
20	P-604-6.2	Preformed Sealer, 1-inch Joint	360	LF	\$ 5.00	\$ 1,800.00
21	P-620-5.1	Reflective Yellow Taxiway Pavement Markings, Waterborne	420	SF	\$ 2.00	\$ 840.00
22	P-620-5.3	Non-Reflective Black Pavement Markings, Waterborne	810	SF	\$ 1.50	\$ 1,215.00
23	P-620-5.5	Pavement Marking Obliteration	270	SF	\$ 3.50	\$ 945.00
24	T-904-5.1	Sodding, 2" Depth (T-904)	820	SY	\$ 6.00	\$ 4,920.00
25	T-905-5.1	Top Soil, 2" Depth (T-905)	50	CY	\$ 25.00	\$ 1,250.00
26	L-100-5.3	Electrical Demolition	0.10	LS	\$ 500,000.00	\$ 50,000.00
27	L-105-6.4	Alternate 2 Temporary Jumpers, Lighting and Signage	1	LS	\$ 10,000.00	\$ 10,000.00
28	L-108-5.1	L-824, Type C, 1/C #8, 5 kV Cable	1,300	LF	\$ 1.50	\$ 1,950.00
29	L-108-5.3	Bare, 1/C #6, Counterpoise Wire	500	LF	\$ 2.30	\$ 1,150.00
30	L-110-5.5	Single-way 2" Conduit, Concrete Encased	380.00	LF	\$ 16.00	\$ 6,080.00
31	L-110-5.9	System Drain, (1) 2" Conduit, Concrete Encased	120	LF	\$ 20.00	\$ 2,400.00
32	L-852-4.1	Remove and Relocate In-pavement L-852A Taxiway Centerline Light with New Isolation Transformer on New Base	4	EA	\$ 450.00	\$ 1,800.00
33	L-867/868-6.3	Size "B" L-868 Base Can - "Standard Installation (New PCCP)"	6	EA	\$ 2,800.00	\$ 16,800.00
34	L-867/868-6.4	Size "B" L-868 Base Can - "Core Drill New PCCP" Installation at Joint or Sawcut	2.00	EA	\$ 3,200.00	\$ 6,400.00
35	L-867/868-6.6	New Size "B" L-868 Blank Base Can Cover	4	EA	\$ 175.00	\$ 700.00
Total Amount					\$	1,060,192.50

Jordan Foster Construction		
Unit Price	Amount	% Difference to Eng. Est.
\$ 50,000.00	\$ 50,000.00	-2.67%
\$ 25,000.00	\$ 25,000.00	0.00%
\$ 15,000.00	\$ 15,000.00	7.98%
\$ 150,000.00	\$ 150,000.00	-84.96%
\$ 10,000.00	\$ 10,000.00	69.23%
\$ 10,000.00	\$ 10,000.00	33.33%
\$ 45,000.00	\$ 45,000.00	-200.00%
\$ 20,000.00	\$ 20,000.00	-22.70%
\$ 16.50	\$ 50,655.00	17.50%
\$ 15.25	\$ 46,817.50	-1.67%
\$ 5.75	\$ 2,990.00	68.06%
\$ 3,500.00	\$ 595.00	65.00%
\$ 18.00	\$ 2,970.00	-2.86%
\$ 10.00	\$ 32,300.00	-185.71%
\$ 185.00	\$ 12,950.00	-5.71%
\$ 70.00	\$ 35,700.00	-100.00%
\$ 95.00	\$ 304,000.00	-58.33%
\$ 155.00	\$ 475,850.00	-40.91%
\$ 4.75	\$ 10,070.00	-5.56%
\$ 13.25	\$ 4,770.00	-165.00%
\$ 10.50	\$ 4,410.00	-425.00%
\$ 10.50	\$ 8,505.00	-600.00%
\$ 27.25	\$ 7,357.50	-678.57%
\$ 4.25	\$ 3,485.00	29.17%
\$ 11.00	\$ 550.00	56.00%
\$ 46,000.00	\$ 4,600.00	90.80%
\$ 3,200.00	\$ 3,200.00	68.00%
\$ 1.40	\$ 1,820.00	6.67%
\$ 1.15	\$ 575.00	50.00%
\$ 25.25	\$ 9,595.00	-57.81%
\$ 25.25	\$ 3,030.00	-26.25%
\$ 330.00	\$ 1,320.00	26.67%
\$ 1,425.00	\$ 8,550.00	49.11%
\$ 2,750.00	\$ 5,500.00	14.06%
\$ 121.00	\$ 484.00	30.86%
\$	1,367,649.00	-29.00%

Spaw Glass Civil Construction, Inc.		
Unit Price	Amount	% Difference to Eng. Est.
\$ 101,494.57	\$ 101,494.57	-108.41%
\$ 25,000.00	\$ 25,000.00	0.00%
\$ 13,275.05	\$ 13,275.05	18.56%
\$ 186,108.62	\$ 186,108.62	-129.48%
\$ 11,821.37	\$ 11,821.37	63.63%
\$ 6,117.67	\$ 6,117.67	59.22%
\$ 32,604.93	\$ 32,604.93	-117.37%
\$ 9,859.39	\$ 9,859.39	39.51%
\$ 18.44	\$ 56610.8	7.80%
\$ 8.42	\$ 25849.4	43.87%
\$ 6.35	\$ 3302	64.72%
\$ 7,651.06	\$ 1300,6802	23.49%
\$ 17.80	\$ 2937	-1.71%
\$ 5.54	\$ 17894.2	-58.29%
\$ 186.03	\$ 13022.1	-6.30%
\$ 25.29	\$ 12897.9	27.74%
\$ 55.07	\$ 176224	8.22%
\$ 104.69	\$ 321398.3	4.83%
\$ 5.38	\$ 11405.6	-19.56%
\$ 14.96	\$ 5385.6	-199.20%
\$ 1.59	\$ 667.8	20.50%
\$ 1.02	\$ 826.2	32.00%
\$ 3.81	\$ 1028.7	-8.86%
\$ 13.17	\$ 10799.4	-119.50%
\$ 51.00	\$ 2550	-104.00%
\$ 46,182.50	\$ 4618.25	90.76%
\$ 3,579.12	\$ 3579.12	64.21%
\$ 1.56	\$ 2028	-4.00%
\$ 1.27	\$ 635	44.78%
\$ 28.86	\$ 10966.8	-80.38%
\$ 28.86	\$ 3463.2	-44.30%
\$ 375.23	\$ 1500.92	16.62%
\$ 1,616.38	\$ 9698.28	42.27%
\$ 3,117.31	\$ 6234.62	2.58%
\$ 138.55	\$ 554.2	20.83%
\$	1,093,659.67	-3.16%

J3 Company, LLC		
Unit Price	Amount	% Difference to Eng. Est.
\$ 4,500.00	\$ 4,500.00	90.76%
\$ 25,000.00	\$ 25,000.00	0.00%
\$ 1,000.00	\$ 1,000.00	93.87%
\$ 10,000.00	\$ 10,000.00	87.67%
\$ 1,000.00	\$ 1,000.00	96.92%
\$ 1,000.00	\$ 1,000.00	93.33%
\$ 1,000.00	\$ 1,000.00	93.33%
\$ 1,000.00	\$ 1,000.00	93.87%
\$ 15.00	\$ 46,050.00	25.00%
\$ 8.00	\$ 24,560.00	46.67%
\$ 20.00	\$ 10,400.00	-11.11%
\$ 2,000.00	\$ 340.00	80.00%
\$ 65.00	\$ 10,725.00	-271.43%
\$ 1.50	\$ 4,845.00	57.14%
\$ 150.00	\$ 10,500.00	14.29%
\$ 30.00	\$ 15,300.00	14.29%
\$ 60.00	\$ 192,000.00	0.00%
\$ 130.00	\$ 399,100.00	-18.18%
\$ 10.00	\$ 21,200.00	-122.22%
\$ 25.00	\$ 9,000.00	-400.00%
\$ 12.00	\$ 5,040.00	-500.00%
\$ 12.00	\$ 9,720.00	-700.00%
\$ 30.00	\$ 8,100.00	-757.14%
\$ 5.00	\$ 4,100.00	16.67%
\$ 25.00	\$ 1,250.00	0.00%
\$ 45,000.00	\$ 4,500.00	91.00%
\$ 3,500.00	\$ 3,500.00	65.00%
\$ 1.55	\$ 2,015.00	-3.33%
\$ 1.30	\$ 650.00	43.48%
\$ 28.00	\$ 10,640.00	-75.00%
\$ 28.00	\$ 3,360.00	-40.00%
\$ 400.00	\$ 1,600.00	11.11%
\$ 1,600.00	\$ 9,600.00	42.86%
\$ 3,200.00	\$ 6,400.00	0.00%
\$ 135.00	\$ 540.00	22.86%
\$	859,535.00	18.93%

Archer Western		
Unit Price	Amount	% Difference to Eng. Est.
\$ 81,856.30	\$ 81,856.30	-68.08%
\$ 25,000.00	\$ 25,000.00	0
\$ 15,344.00	\$ 15,344.00	5.87%
\$ 94,941.40	\$ 94,941.40	-17.07%
\$ 20,947.00	\$ 20,947.00	-35.55%
\$ 29,518.27	\$ 29,518.27	-96.79%
\$ 122,775.00	\$ 122,775.00	-718.50%
\$ 74,945.00	\$ 74,945.00	-359.79%
\$ 16.77	\$ 51,483.90	16.15%
\$ 15.64	\$ 48,014.80	-4.27%
\$ 24.02	\$ 12,490.40	-33.44%
\$ 16,396.53	\$ 2,787.41	-63.97%
\$ 134.88	\$ 22,255.20	-670.74%
\$ 8.83	\$ 28,520.90	-152.29%
\$ 174.81	\$ 12,236.70	0.11%
\$ 30.07	\$ 15,335.70	14.09%
\$ 58.41	\$ 186,912.00	2.65%
\$ 109.03	\$ 334,722.10	0.88%
\$ 4.85	\$ 10,282.00	-7.78%
\$ 13.47	\$ 4,849.20	-169.40%
\$ 10.97	\$ 4,607.40	-448.50%
\$ 0.38	\$ 307.80	74.67%
\$ 17.39	\$ 4,695.30	-396.86%
\$ 8.35	\$ 6,847.00	-39.17%
\$ 22.74	\$ 1,137.00	9.04%
\$ 40,453.10	\$ 4,045.31	91.91%
\$ 3,135.11	\$ 3,135.11	68.65%
\$ 1.37	\$ 1,781.00	8.67%
\$ 1.11	\$ 555.00	51.74%
\$ 25.28	\$ 9,606.40	-58.00%
\$ 25.28	\$ 3,033.60	-26.40%
\$ 328.68	\$ 1,314.72	26.96%
\$ 1,415.86	\$ 8,495.16	49.43%
\$ 2,730.59	\$ 5,461.18	14.67%
\$ 121.36	\$ 485.44	30.65%
\$	1,250,724.70	-17.97%

SAN ANTONIO INTERNATIONAL AIRPORT
 TERMINAL AREA TAXIWAY IMPROVEMENTS (PACKAGE 4)

Date Prepared: June 30, 2016

BASE BID

\$ 676,600.00

\$ 595,000.00

\$ 609,914.62

\$ 44,500.00

\$ 895,283.74

ENGINEER'S OPINION OF PROBABLE COST & BID TABS

Item Number	Specification Number	Bid Item Description	Quantity	Unit	Engineer's Estimate		Jordan Foster Construction			Spaw Glass Civil Construction, Inc.			J3 Company, LLC			Archer Western		
					Unit Price	Amount	Unit Price	Amount	% Difference to Eng. Est.	Unit Price	Amount	% Difference to Eng. Est.	Unit Price	Amount	% Difference to Eng. Est.	Unit Price	Amount	% Difference to Eng. Est.
BASE BID																		
1	100.1	Mobilization/Demobilization	1	LS	\$ 155,400.00	\$ 155,400.00	\$ 150,000.00	\$ 150,000.00	3.47%	\$ 162,158.57	\$ 162,158.57	-4.35%	\$ 4,500.00	\$ 4,500.00	97.10%	\$ 241,155.78	\$ 241,155.78	-55.18%
2	100.2	Contractor Staging Area	1	Allow	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	0.00%	\$ 25,000.00	\$ 25,000.00	0.00%	\$ 25,000.00	\$ 25,000.00	0.00%	\$ 25,000.00	\$ 25,000.00	0.00%
3	100.3	Insurance and Bonds	1	LS	\$ 51,800.00	\$ 51,800.00	\$ 15,000.00	\$ 15,000.00	71.04%	\$ 18,129.05	\$ 181,290.05	65.00%	\$ 1,000.00	\$ 1,000.00	98.07%	\$ 43,476.00	\$ 43,476.00	16.07%
4	100.4	Airside Safety and Security / Traffic Control	1	LS	\$ 259,000.00	\$ 259,000.00	\$ 300,000.00	\$ 300,000.00	-15.83%	\$ 294,895.56	\$ 294,895.56	-13.86%	\$ 10,000.00	\$ 10,000.00	96.14%	\$ 198,574.50	\$ 198,574.50	23.33%
5	101.1	Preparing Right-of-Way	1	LS	\$ 103,600.00	\$ 103,600.00	\$ 10,000.00	\$ 10,000.00	90.35%	\$ 11,821.37	\$ 11,821.37	88.59%	\$ 1,000.00	\$ 1,000.00	99.03%	\$ 57,287.00	\$ 57,287.00	44.70%
6	540.1	Storm Water Pollution Prevention Plan	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	-33.33%	\$ 27,451.50	\$ 27,451.50	-83.01%	\$ 1,000.00	\$ 1,000.00	93.33%	\$ 40,565.45	\$ 40,565.45	-170.44%
7	GP 60-05	Field Office and Curing Facilities	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 45,000.00	\$ 45,000.00	-200.00%	\$ 58,445.98	\$ 58,445.98	-289.64%	\$ 1,000.00	\$ 1,000.00	93.33%	\$ 173,475.01	\$ 173,475.01	-1056.50%
8	P-100-2.1	Contractor Quality Control	1	LS	\$ 51,800.00	\$ 51,800.00	\$ 30,000.00	\$ 30,000.00	42.08%	\$ 12,012.59	\$ 12,012.59	76.81%	\$ 1,000.00	\$ 1,000.00	98.07%	\$ 115,750.00	\$ 115,750.00	-123.46%
9	P-101-5.1	Portland Cement Concrete Pavement Removal, Including Thickened Edge and Reinforcement	7,170	SY	\$ 20.00	\$ 143,400.00	\$ 16.00	\$ 114,720.00	20.00%	\$ 18.08	\$ 129,633.6	9.60%	\$ 15.00	\$ 107,550.00	25.00%	\$ 16.44	\$ 117,874.80	17.80%
10	P-101-5.2	Bituminous Pavement Removal	1,180	SY	\$ 15.00	\$ 17,700.00	\$ 18.50	\$ 21,830.00	-23.33%	\$ 11.04	\$ 13,027.2	26.40%	\$ 16.00	\$ 18,880.00	-6.67%	\$ 18.82	\$ 22,207.60	-25.47%
11	P-101-5.3	Cement-Treated Base Removal	8,340.00	SY	\$ 15.00	\$ 125,100.00	\$ 16.00	\$ 133,440.00	-6.67%	\$ 8.74	\$ 72,891.6	41.73%	\$ 8.00	\$ 66,720.00	46.67%	\$ 15.89	\$ 132,522.60	-5.93%
12	P-101-5.4	Concrete Pavement Saw Cut (Full Depth)	1,284	LF	\$ 18.00	\$ 23,112.00	\$ 6.00	\$ 7,704.00	66.67%	\$ 6.35	\$ 8,153.4	64.72%	\$ 20.00	\$ 25,680.00	-11.11%	\$ 23.37	\$ 30,007.08	-29.83%
13	P-101-5.5	AC Pavement Saw Cut (Full Depth)	55	LF	\$ 5.00	\$ 275.00	\$ 3.25	\$ 178.75	35.00%	\$ 3.63	\$ 199.65	27.40%	\$ 20.00	\$ 1,100.00	-300.00%	\$ 5.39	\$ 296.45	-7.80%
14	P-151-4.1	Clearing and Grubbing	2	AC	\$ 10,000.00	\$ 15,400.00	\$ 3,000.00	\$ 4,620.00	70.00%	\$ 6,357.11	\$ 9,789,949.4	36.43%	\$ 2,000.00	\$ 3,080.00	80.00%	\$ 4,303.81	\$ 6,627.87	56.96%
15	P-151-4.2	Remove Existing Storm Drain Pipe	377	LF	\$ 50.00	\$ 18,850.00	\$ 80.00	\$ 30,160.00	-60.00%	\$ 25.42	\$ 9,583.34	49.16%	\$ 25.00	\$ 9,425.00	50.00%	\$ 33.04	\$ 12,456.08	33.92%
16	P-151-4.3	Remove Existing Catch Basin or Manhole	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 15,000.00	\$ 15,000.00	-1400.00%	\$ 1,613.01	\$ 1,613.01	-61.30%	\$ 2,000.00	\$ 2,000.00	-100.00%	\$ 15,947.98	\$ 15,947.98	-1494.80%
17	P-152-4.1	Unclassified Excavation (Estimated)	7,000	CY	\$ 17.50	\$ 122,500.00	\$ 12.00	\$ 84,000.00	31.43%	\$ 17.80	\$ 124,600	-1.71%	\$ 20.00	\$ 140,000.00	-14.29%	\$ 27.65	\$ 193,550.00	-58.00%
18	P-155-8.1	Lime-Treated Subgrade, 6" Depth (P-155)	10,670	SY	\$ 3.50	\$ 37,345.00	\$ 6.00	\$ 64,020.00	-71.43%	\$ 5.54	\$ 59,111.8	-58.29%	\$ 1.50	\$ 16,005.00	57.14%	\$ 13.25	\$ 141,377.50	-278.57%
19	P-155-8.2	Lime	230	TON	\$ 175.00	\$ 40,250.00	\$ 185.00	\$ 42,550.00	-5.71%	\$ 186.03	\$ 42,786.9	-6.30%	\$ 150.00	\$ 34,500.00	14.29%	\$ 174.81	\$ 40,206.30	0.11%
20	P-208-5.1	Aggregate Base Course, 13" Depth (P-208)	800	SY	\$ 35.00	\$ 28,000.00	\$ 65.00	\$ 52,000.00	-85.71%	\$ 25.30	\$ 20,240	27.71%	\$ 30.00	\$ 24,000.00	14.29%	\$ 30.95	\$ 24,760.00	11.57%
21	P-304-8.1	Cement-Treated Base Course, 8" Depth (P-304)	2,400	SY	\$ 30.00	\$ 72,000.00	\$ 45.00	\$ 108,000.00	-50.00%	\$ 27.55	\$ 66,120	8.17%	\$ 30.00	\$ 72,000.00	0.00%	\$ 29.27	\$ 70,248.00	2.43%
22	P-304-8.2	Cement-Treated Base Course, 16" Depth (P-304)	8,500	SY	\$ 60.00	\$ 510,000.00	\$ 95.00	\$ 807,500.00	-58.33%	\$ 55.06	\$ 468,010	8.23%	\$ 60.00	\$ 510,000.00	0.00%	\$ 58.17	\$ 494,445.00	3.05%
23	P-403-8.1	HMA Pavement (3" Surface Course)	390	TON	\$ 150.00	\$ 58,500.00	\$ 325.00	\$ 126,750.00	-116.67%	\$ 235.53	\$ 91,856.7	-57.02%	\$ 180.00	\$ 70,200.00	-20.00%	\$ 234.60	\$ 91,494.00	-56.40%
24	P-501-8.1	Portland Cement Concrete Pavement, 16" Depth	8,230	SY	\$ 110.00	\$ 905,300.00	\$ 155.00	\$ 1,275,650.00	-40.91%	\$ 95.84	\$ 788,763.2	12.87%	\$ 130.00	\$ 1,069,900.00	-18.18%	\$ 105.29	\$ 866,536.70	4.28%
25	P-604-6.1	Preformed Sealer, 1/2-inch Joint	6,840	LF	\$ 4.50	\$ 30,780.00	\$ 4.75	\$ 32,490.00	-5.56%	\$ 5.38	\$ 36,799.2	-19.56%	\$ 10.00	\$ 68,400.00	-122.22%	\$ 4.85	\$ 33,174.00	-7.78%
26	P-604-6.2	Preformed Sealer, 1-inch Joint	950.00	LF	\$ 5.00	\$ 4,750.00	\$ 13.50	\$ 12,825.00	-170.00%	\$ 14.96	\$ 14,212	-199.20%	\$ 25.00	\$ 23,750.00	-400.00%	\$ 13.47	\$ 12,796.50	-169.40%
27	P-604-6.3	Hot Applied Edge Seal	740	LF	\$ 2.50	\$ 1,850.00	\$ 4.00	\$ 2,960.00	-60.00%	\$ 4.53	\$ 3,352.2	-81.20%	\$ 8.00	\$ 5,920.00	-220.00%	\$ 4.08	\$ 3,019.20	-63.20%
28	P-620-5.1	Reflective Yellow Taxiway Pavement Markings, Waterborne	29,030	SF	\$ 2.00	\$ 58,060.00	\$ 1.50	\$ 43,545.00	25.00%	\$ 1.59	\$ 46,157.7	20.50%	\$ 4.00	\$ 116,120.00	-100.00%	\$ 1.65	\$ 47,899.50	17.50%
29	P-620-5.3	Non-Reflective Black Pavement Markings, Waterborne	3,160	SF	\$ 1.50	\$ 4,740.00	\$ 1.35	\$ 4,266.00	10.00%	\$ 1.02	\$ 3,223.2	32.00%	\$ 5.00	\$ 15,800.00	-233.33%	\$ 0.38	\$ 1,200.80	74.67%
30	P-620-5.4	Reflective Surface Painted Holding Position Signs, Waterborne	860.00	SF	\$ 2.00	\$ 1,720.00	\$ 19.00	\$ 16,340.00	-850.00%	\$ 1.36	\$ 1,169.6	32.00%	\$ 25.00	\$ 21,500.00	-1150.00%	\$ 2.52	\$ 2,167.20	-26.00%
31	P-620-5.5	Pavement Marking Obliteration	1,780	SF	\$ 3.50	\$ 6,230.00	\$ 4.80	\$ 8,544.00	-37.14%	\$ 2.91	\$ 5,179.8	16.86%	\$ 6.00	\$ 10,680.00	-71.43%	\$ 3.57	\$ 6,354.60	-2.00%
32	T-904-5.1	Sodding, 2" Depth (T-904)	7,440	SY	\$ 6.00	\$ 44,640.00	\$ 4.00	\$ 29,760.00	33.33%	\$ 7.84	\$ 58,329.6	-30.67%	\$ 5.00	\$ 37,200.00	16.67%	\$ 5.92	\$ 44,044.80	1.33%
33	T-905-5.1	Top Soil, 2" Depth (T-905)	410	CY	\$ 25.00	\$ 10,250.00	\$ 11.00	\$ 4,510.00	56.00%	\$ 60.07	\$ 24,628.7	-140.28%	\$ 25.00	\$ 10,250.00	0.00%	\$ 22.62	\$ 9,274.20	9.52%
34	D-701-5.3	66" RGRCP, Class V	16.00	LF	\$ 300.00	\$ 4,800.00	\$ 3.25	\$ 52.00	98.92%	\$ 529.48	\$ 8,471.68	-76.49%	\$ 900.00	\$ 14,400.00	-200.00%	\$ 910.75	\$ 14,572.00	-203.58%
35	D-701-5.4	Concrete Pipe Collar	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 750.00	\$ 1,500.00	50.00%	\$ 1,892.50	\$ 3,785	-26.17%	\$ 1,000.00	\$ 2,000.00	33.33%	\$ 429.55	\$ 859.10	71.36%
36	D-751-5.1	Catch Basins	1	EA	\$ 7,000.00	\$ 7,000.00	\$ 6,500.00	\$ 6,500.00	7.14%	\$ 23,355.05	\$ 23,355.05	-233.64%	\$ 20,000.00	\$ 20,000.00	-185.71%	\$ 23,965.47	\$ 23,965.47	-242.36%
37	D-751-5.2	Adjust Existing Manhole/Inlet	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 1,500.00	\$ 1,500.00	85.00%	\$ 8,262.12	\$ 8,262.12	17.38%	\$ 12,000.00	\$ 12,000.00	-20.00%	\$ -	\$ -	100.00%
38	L-100-5.3	Electrical Demolition	0	LS	\$ 500,000.00	\$ 100,000.00	\$ 43,000.00	\$ 8,600.00	91.40%	\$ 46,182.30	\$ 9,236.46	90.76%	\$ 45,000.00	\$ 9,000.00	91.00%	\$ 40,453.05	\$ 8,090.61	91.91%
39	L-105-6.5	Alternate 3 Temporary Jumpers, Lighting and Signage	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 11,000.00	\$ 11,000.00	45.00%	\$ 12,584.69	\$ 12,584.69	37.08%	\$ 13,000.00	\$ 13,000.00	35.00%	\$ 11,023.46	\$ 11,023.46	44.88%
40	L-108-5.1	L-824, Type C, 1/C #8, 5 kV Cable	4,000	LF	\$ 1.50	\$ 6,000.00	\$ 1.40	\$ 5,600.00	6.67%	\$ 1.56	\$ 6,240	-4.00%	\$ 1.55	\$ 6,200.00	-3.33%	\$ 1.37	\$ 5,480.00	8.67%
41	L-108-5.2	L-824, Type C, 1/C #6, 5 kV Cable	600	LF	\$ 1.75	\$ 1,050.00	\$ 1.45	\$ 870.00	17.14%	\$ 1.62	\$ 972	7.43%	\$ 1.65	\$ 990.00	5.71%	\$ 1.42	\$ 852.00	18.86%
42	L-108-5.3	Bare, 1/C #6, Counterpoise Wire	2,600	LF	\$ 2.30	\$ 5,980.00	\$ 1.15	\$ 2,990.00	50.00%	\$ 1.27	\$ 3,302	44.78%	\$ 1.30	\$ 3,380.00	43.48%	\$ 1.11	\$ 2,886.00	51.74%
43	L-110-5.1	Single-way 2" Conduit, Direct Buried	1,130	LF	\$ 14.00	\$ 15,820.00	\$ 20.25	\$ 22,882.50	-44.64%	\$ 23.09	\$ 26,091.7	-64.93%	\$ 24.00	\$ 27,120.00	-71.43%	\$ 20.23	\$ 22,859.90	-44.50%
44	L-110-5.3	Multiple-way (6) 2-inch Conduits, Direct Buried	180	LF	\$ 80.00	\$ 14,400.00	\$ 51.00	\$ 9,180.00	36.25%	\$ 57.73	\$ 10,391.4	27.84%	\$ 60.00	\$ 10,800.00	25.00%	\$ 50.57	\$ 9,102.60	36.79%
45	L-110-5.5	Single-way 2" Conduit, Concrete Encased	690	LF	\$ 16.00	\$ 11,040.00	\$ 26.00	\$ 17,940.00	-62.50%	\$ 28.86	\$ 19,913.4	-80.38%	\$ 30.00	\$ 20,700.00	-87.50%	\$ 25.28	\$ 17,443.20	-58.00%
46	L-110-5.7	Multiple-way (6) 2-inch HDPE Conduits, Directional Bored	140	LF	\$ 150.00	\$ 21,000.00	\$ 101.00	\$ 14,140.00	32.67%	\$ 115.46	\$ 16,164.4	23.03%	\$ 125.00	\$ 17,500.00	16.67%	\$ 101.13	\$ 14,158.20	32.58%
47	L-110-5.9	System Drain, (1) 2" Conduit, Concrete Encased	380	LF	\$ 20.00	\$ 7,600.00	\$ 26.00	\$ 9,880.00	-30.00%	\$ 28.86	\$ 10,966.8	-44.30%	\$ 28.00	\$ 10,640.00	-40.00%	\$ 25.28	\$ 9,606.40	-26.40%
48	L-115-5.2																	