

**CONSTRUCTION COSTS ESTIMATE (BASE BID WITH ALTERNATES)**

	Engineers Estimate	Jordan Foster Construction	SpawGlass Civil Construction, Inc.	J3 Company, LLC	Archer Western
<b><u>BASE BID (Elec)</u></b>	\$ 2,654,690.00	\$ 1,661,474.00	\$ 2,073,388.32	\$ 2,763,370.00	\$ 1,918,826.36
<b><u>BASE BID (TW J)</u></b>	\$ 1,953,246.00	\$ 2,799,159.00	\$ 1,998,623.21	\$ 1,745,725.00	\$ 2,196,217.98
<b><u>BID ALTERNATE 1</u></b>	\$ 1,620,542.00	\$ 1,926,080.75	\$ 1,754,793.50	\$ 1,345,500.00	\$ 1,739,170.81
<b><u>BID ALTERNATE 2</u></b>	\$ 1,060,192.50	\$ 1,367,649.00	\$ 1,093,659.67	\$ 859,535.00	\$ 1,250,724.70
<b><u>BID ALTERNATE 3</u></b>	\$ 3,317,892.00	\$ 3,826,998.25	\$ 2,954,030.31	\$ 2,777,220.00	\$ 3,531,079.79
<b>TOTAL CONSTRUCTION COSTS</b>	<b>\$ 10,606,562.50</b>	<b>\$ 11,581,361.00</b>	<b>\$ 9,874,495.01</b>	<b>\$ 9,491,350.00</b>	<b>\$ 10,636,019.64</b>
		Difference 1 & 2 bids	<b>-4.04%</b>	<b>Low</b>	<b>High</b>
		Difference Low to EE	<b>-11.75%</b>	\$ 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
<b><u>BASE BID (Elec)</u></b>	7.97%	9.63%	7.82%	12.67%	8.91%
<b><u>BASE BID (TW J)</u></b>	7.12%	11.25%	6.52%	5.79%	8.98%
<b><u>BID ALTERNATE 1</u></b>	7.79%	5.35%	7.84%	0.41%	7.75%
<b><u>BID ALTERNATE 2</u></b>	7.66%	4.39%	10.36%	0.64%	8.22%
<b><u>BID ALTERNATE 3</u></b>	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
<b>BASE BID</b>						
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
<b>Total Amount</b>					<b>\$ 2,654,690.00</b>	

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	\$ 68,696.25	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%	
<b>\$ 1,661,474.00</b>		<b>37.41%</b>	

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	\$ 26,322.60	-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%	
<b>\$ 2,073,388.32</b>		<b>21.90%</b>	

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%	
<b>\$ 2,763,370.00</b>		<b>-4.09%</b>	

Archer Western			
Unit Price	Amount	% Difference to Eng. Est.	
\$ 119,921.00	\$ 119,921.00	5.57%	8.9%
\$ -	\$ -	#DIV/0!	0.00%
\$ 21,738.00	\$ 21,738.00	48.73%	1.13%
\$ 193,196.39	\$ 193,196.39	8.74%	10.07%
\$ 51,131.00	\$ 51,131.00	39.63%	2.66%
\$ -	\$ -	100.00%	0.00%
\$ 157,822.89	\$ 157,822.89	-952.15%	8.22%
\$ 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.			

**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
<b>BASE BID</b>						
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%	

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
<b>Total Amount</b>						<b>\$ 1,953,246.00</b>

\$ 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%
	<b>\$ 2,799,159.00</b>	<b>-43.31%</b>

\$ 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%
	<b>\$ 1,998,623.21</b>	<b>-2.32%</b>

\$ 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%
	<b>\$ 1,745,725.00</b>	<b>10.62%</b>

\$ 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%
	<b>\$ 2,196,217.98</b>	<b>-12.44%</b>

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
<b>BASE BID</b>						
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
<b>Total Amount</b>					<b>\$</b>	<b>1,620,542.00</b>

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%	
<b>\$ 1,926,080.75</b>		<b>-18.85%</b>	

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	\$ 2,838.60	2.29%	
\$ 7.30	\$ 6,854.70	-21.67%	
\$ 51.00	\$ 2,652.00	-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	\$ 2,955.68	-146.31%	
\$ 1,212.29	\$ 15,759.77	6.75%	
<b>\$ 1,754,793.50</b>		<b>-8.28%</b>	

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%	
<b>\$ 1,345,500.00</b>		<b>16.97%</b>	

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%	
\$ 10.71			

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
<b>BASE BID</b>						
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
<b>Total Amount</b>					<b>\$</b>	<b>1,060,192.50</b>

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%
<b>Total</b>		<b>\$ 1,367,649.00 -29.00%</b>

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%
<b>Total</b>		<b>\$ 1,093,659.67 -3.16%</b>

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%
<b>Total</b>		<b>\$ 859,535.00 18.93%</b>

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%
<b>Total</b>		<b>\$ 1,250,724.70 -17.97%</b>

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	
					Unit Price	Amount
1	100.1	Mobilization/Demobilization	1	LS	\$ 155,400.00	\$ 155,400.00
2	100.2	Contractor Staging Area	1	Allow	\$ 25,000.00	\$ 25,000.00
3	100.3	Insurance and Bonds	1	LS	\$ 51,800.00	\$ 51,800.00
4	100.4	Airside Safety and Security / Traffic Control	1	LS	\$ 259,000.00	\$ 259,000.00
5	101.1	Preparing Right-of-Way	1	LS	\$ 103,600.00	\$ 103,600.00
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	\$ 51,800.00	\$ 51,800.00
9	P-101-5.1	Portland Cement Concrete Pavement Removal, Including Thickened Edge and Reinforcement	7,170	SY	\$ 20.00	\$ 143,400.00
10	P-101-5.2	Bituminous Pavement Removal	1,180	SY	\$ 15.00	\$ 17,700.00
11	P-101-5.3	Cement-Treated Base Removal	8,340.00	SY	\$ 15.00	\$ 125,100.00
12	P-101-5.4	Concrete Pavement Saw Cut (Full Depth)	1,284	LF	\$ 18.00	\$ 23,112.00
13	P-101-5.5	AC Pavement Saw Cut (Full Depth)	55	LF	\$ 5.00	\$ 275.00
14	P-151-4.1	Clearing and Grubbing	2	AC	\$ 10,000.00	\$ 15,400.00
15	P-151-4.2	Remove Existing Storm Drain Pipe	377	LF	\$ 50.00	\$ 18,850.00
16	P-151-4.3	Remove Existing Catch Basin or Manhole	1	EA	\$ 1,000.00	\$ 1,000.00
17	P-152-4.1	Unclassified Excavation (Estimated)	7,000	CY	\$ 17.50	\$ 122,500.00
18	P-155-8.1	Lime-Treated Subgrade, 6" Depth (P-155)	10,670	SY	\$ 3.50	\$ 37,345.00
19	P-155-8.2	Lime	230	TON	\$ 175.00	\$ 40,250.00
20	P-208-5.1	Aggregate Base Course, 13" Depth (P-208)	800	SY	\$ 35.00	\$ 28,000.00
21	P-304-8.1	Cement-Treated Base Course, 8" Depth (P-304)	2,400	SY	\$ 30.00	\$ 72,000.00
22	P-304-8.2	Cement-Treated Base Course, 16" Depth (P-304)	8,500	SY	\$ 60.00	\$ 510,000.00
23	P-403-8.1	HMA Pavement (3" Surface Course)	390	TON	\$ 150.00	\$ 58,500.00
24	P-501-8.1	Portland Cement Concrete Pavement, 16" Depth	8,230	SY	\$ 110.00	\$ 905,300.00
25	P-604-6.1	Preformed Sealer, 1/2-inch Joint	6,840	LF	\$ 4.50	\$ 30,780.00
26	P-604-6.2	Preformed Sealer, 1-inch Joint	950.00	LF	\$ 5.00	\$ 4,750.00
27	P-604-6.3	Hot Applied Edge Seal	740	LF	\$ 2.50	\$ 1,850.00
28	P-620-5.1	Reflective Yellow Taxiway Pavement Markings, Waterborne	29,030	SF	\$ 2.00	\$ 58,060.00
29	P-620-5.3	Non-Reflective Black Pavement Markings, Waterborne	3,160	SF	\$ 1.50	\$ 4,740.00
30	P-620-5.4	Reflective Surface Painted Holding Position Signs, Waterborne	860.00	SF	\$ 2.00	\$ 1,720.00
31	P-620-5.5	Pavement Marking Obliteration	1,780	SF	\$ 3.50	\$ 6,230.00
32	T-904-5.1	Sodding, 2" Depth (T-904)	7,440	SY	\$ 6.00	\$ 44,640.00
33	T-905-5.1	Top Soil, 2" Depth (T-905)	410	CY	\$ 25.00	\$ 10,250.00
34	D-701-5.3	66" RGRCP, Class V	16.00	LF	\$ 300.00	\$ 4,800.00
35	D-701-5.4	Concrete Pipe Collar	2	EA	\$ 1,500.00	\$ 3,000.00
36	D-751-5.1	Catch Basins	1	EA	\$ 7,000.00	\$ 7,000.00
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	\$ 100,000.00
39	L-105-6.5	Alternate 3 Temporary Jumpers, Lighting and Signage	1	LS	\$ 20,000.00	\$ 20,000.00
40	L-108-5.1	L-824, Type C, 1/C #8, 5 kV Cable	4,000	LF	\$ 1.50	\$ 6,000.00
41	L-108-5.2	L-824, Type C, 1/C #6, 5 kV Cable	600	LF	\$ 1.75	\$ 1,050.00
42	L-108-5.3	Bare, 1/C #6, Counterpoise Wire	2,600	LF	\$ 2.30	\$ 5,980.00
43	L-110-5.1	Single-way 2" Conduit, Direct Buried	1,130	LF	\$ 14.00	\$ 15,820.00
44	L-110-5.3	Multiple-way (6) 2-inch Conduits, Direct Buried	180	LF	\$ 80.00	\$ 14,400.00
45	L-110-5.5	Single-way 2" Conduit, Concrete Encased	690	LF	\$ 16.00	\$ 11,040.00
46	L-110-5.7	Multiple-way (6) 2-inch HDPE Conduits, Directional Bored	140	LF	\$ 150.00	\$ 21,000.00
47	L-110-5.9	System Drain, (1) 2" Conduit, Concrete Encased	380	LF	\$ 20.00	\$ 7,600.00
48	L-115-5.2	Extend Handhole To New Grade	1	EA	\$ 15,000.00	\$ 15,000.00
49	L-115-5.4	Extend Two-Can Junction Can Plaza To New Grade	1	EA	\$ 6,000.00	\$ 6,000.00
50	L-852-4.1	Remove and Relocate In-pavement L-852A Taxiway Centerline Light with New Isolation Transformer on New Base	13	EA	\$ 450.00	\$ 5,850.00
51	L-858-5.5	Remove and Relocate Size 3, Any-Module Airside Guidance Sign, Installed on New Foundation	3	EA	\$ 2,000.00	\$ 6,000.00
52	L-861T-4.2	Salvage and Reinstall L-861T LED Taxiway Edge Light with New Isolation Transformer on New Base	15	EA	\$ 150.00	\$ 2,250.00
53	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
54	L-867/868-6.2	Size "B" L-867 Base Can for Any New, Reinstalled or Future Fixture in Non-Paved Shoulder	4	EA	\$ 2,500.00	\$ 10,000.00
55	L-867/868-6.3	Size "B" L-868 Base Can - "Standard Installation (New PCCP)"	17	EA	\$ 2,800.00	\$ 47,600.00
56	L-867/868-6.4	Size "B" L-868 Base Can - "Core Drill New PCCP" Installation at Joint or Sawcut	2	EA	\$ 3,200.00	\$ 6,400.00
57	L-867/868-6.5	New Size "B" L-867 Blank Base Can Cover	2	EA	\$ 150.00	\$ 300.00
58	L-867/868-6.6	New Size "B" L-868 Blank Base Can Cover	6	EA	\$ 175.00	\$ 1,050.00
59	L-867/868-6.12	Concrete Foundation for 3-Module Sign	1	EA	\$ 3,500.00	\$ 3,500.00
60	L-867/868-6.13	Concrete Foundation for 4-Module Sign	1	EA	\$ 4,000.00	\$ 4,000.00
61	L-867/868-6.14	Concrete Foundation for 2+4-Module Sign	1	EA	\$ 7,000.00	\$ 7,000.00
					<b>Total Amount</b>	<b>\$ 3,317,892.00</b>

Jordan Foster Construction		
Unit Price	Amount	% Difference to Eng. Est.
\$ 150,000.00	\$ 150,000.00	3.47%
\$ 25,000.00	\$ 25,000.00	0.00%
\$ 15,000.00	\$ 15,000.00	71.04%
\$ 300,000.00	\$ 300,000.00	-15.83%
\$ 10,000.00	\$ 10,000.00	90.35%
\$ 20,000.00	\$ 20,000.00	-33.33%
\$ 45,000.00	\$ 45,000.00	-200.00%
\$ 30,000.00	\$ 30,000.00	42.08%
\$ 16.00	\$ 114,720.00	20.00%
\$ 18.50	\$ 21,830.00	-23.33%
\$ 16.00	\$ 133,440.00	-6.67%
\$ 6.00	\$ 8,153.40	64.72%
\$ 3.25	\$ 178.75	35.00%
\$ 3,000.00	\$ 4,620.00	70.00%
\$ 80.00	\$ 30,160.00	-60.00%
\$ 15,000.00	\$ 15,000.00	-1400.00%
\$ 12.00	\$ 84,000.00	31.43%
\$ 6.00	\$ 6,020.00	-71.43%
\$ 185.00	\$ 42,550.00	-5.71%
\$ 65.00	\$ 52,000.00	-85.71%
\$ 45.00	\$ 108,000.00	-50.00%
\$ 95.00	\$ 807,500.00	-58.33%
\$ 325.00	\$ 126,750.00	-116.67%
\$ 155.00	\$ 1,275,650.00	-40.91%
\$ 4.75	\$ 32,490.00	-5.56%
\$ 13.50	\$ 12,825.00	-170.00%
\$ 4.00	\$ 2,960.00	-60.00%
\$ 1.50	\$ 43,545.00	25.00%
\$ 1.35	\$ 4,266.00	10.00%
\$ 19.00	\$ 16,340.00	-850.00%
\$ 4.80	\$ 8,544.00	-37.14%
\$ 4.00	\$ 29,760.00	33.33%
\$ 11.00	\$ 4,510.00	56.00%
\$ 3.25	\$ 52.00	98.92%
\$ 750.00	\$ 1,500.00	50.00%
\$ 6,500.00	\$ 6,500.00	7.14%
\$ 1,500.00	\$ 1,500.00	85.00%
\$ 43,000.00	\$ 8,600.00	91.40%
\$ 11,000.00	\$ 11,000.00	45.00%
\$ 1.40	\$ 5,600.00	6.67%
\$ 1.45	\$ 870.00	17.14%
\$ 1.15	\$ 2,990.00	50.00%
\$ 20.25	\$ 22,882.50	-44.64%
\$ 51.00	\$ 9,180.00	36.25%
\$ 26.00	\$ 17,940.00	-62.50%
\$ 101.00	\$ 14,140.00	32.67%
\$ 26.00	\$ 9,880.00	-30.00%
\$ 3,500.00	\$ 3,500.00	76.67%
\$ 1,850.00	\$ 1,850.00	69.17%
\$ 350.00	\$ 4,550.00	22.22%
\$ 1,050.00	\$ 3,150.00	47.50%
\$ 350.00	\$ 5,250.00	-133.33%
\$ 1,100.00	\$ 14,300.00	15.38%
\$ 755.00	\$ 3,020.00	69.80%
\$ 1,425.00	\$ 24,225.00	49.11%
\$ 2,725.00	\$ 5,450.00	14.84%
\$ 125.00	\$ 250.00	16.67%
\$ 151.00	\$ 906.00	13.71%
\$ 2,800.00	\$ 2,800.00	20.00%
\$ 2,950.00	\$ 2,950.00	26.25%
\$ 3,800.00	\$ 3,800.00	45.71%
<b>Total Amount</b>		<b>\$ 3,826,998.25 -15.34%</b>

Spaw Glass Civil Construction, Inc.		
Unit Price	Amount	% Difference to Eng. Est.
\$ 162,158.57	\$ 162,158.57	-4.35%
\$ 25,000.00	\$ 25,000.00	0.00%
\$ 18,129.05	\$ 181,290.05	65.00%
\$ 294,895.56	\$ 2,948,955.56	-13.86%
\$ 11,821.37	\$ 118,213.70	88.59%
\$ 27,451.50	\$ 274,515.00	-83.01%
\$ 58,445.98	\$ 584,459.80	-289.64%
\$ 12,012.59	\$ 120,125.90	76.81%
\$ 18.08	\$ 129,633.60	9.60%
\$ 11.04	\$ 130,272.00	26.40%
\$ 8.74	\$ 72,891.60	41.73%
\$ 6.35	\$ 81,534.00	64.72%
\$ 3.63	\$ 199.65	27.40%
\$ 6,357.11	\$ 97,894.94	36.43%
\$ 25.42	\$ 95,833.34	49.16%
\$ 1,613.01	\$ 16,130.10	-61.30%
\$ 17.80	\$ 124,600.00	-1.71%
\$ 5.54	\$ 59,111.80	-58.29%
\$ 186.03	\$ 42,786.90	-6.30%
\$ 25.30	\$ 202.40	27.71%
\$ 27.55	\$ 66,120.00	8.17%
\$ 55.06	\$ 46,810.00	8.23%
\$ 235.53	\$ 91,856.70	-57.02%
\$ 95.84	\$ 788,763.20	12.87%
\$ 5.38	\$ 36,799.20	-19.56%
\$ 14.96	\$ 14,212.00	-199.20%
\$ 4.53	\$ 33,522.00	-81.20%
\$ 1.59	\$ 46,157.70	20.50%
\$ 1.02	\$ 32,232.00	32.00%
\$ 1.36	\$ 11,696.00	32.00%
\$ 2.91	\$ 51,798.00	16.86%
\$ 7.84	\$ 58,329.60	-30.67%
\$ 60.07	\$ 24,628.70	-140.28%
\$ 529.48	\$ 84,716.80	-76.49%
\$ 1,892.50	\$ 3,785.00	-26.17%
\$ 23,355.05	\$ 233,550.05	-233.64%
\$ 8,262.12	\$ 82,621.20	17.38%
\$ 46,182.30	\$ 926.46	90.76%
\$ 12,584.69	\$ 125,846.90	37.08%
\$ 1.56	\$ 624.00	-4.00%
\$ 1.62	\$ 972.00	7.43%
\$ 1.27	\$ 3,302.00	44.78%
\$ 23.09	\$ 26,091.70	-64.93%
\$ 57.73	\$ 10,391.40	27.84%
\$ 28.86	\$ 19,913.40	-80.38%
\$ 115.46	\$ 16,164.40	23.03%
\$ 28.86	\$ 9,668.00	-44.30%
\$ 3,925.50	\$ 3,925.50	73.83%
\$ 2,078.20	\$ 2,078.20	65.36%
\$ 375.23	\$ 4,877.99	16.62%
\$ 1,154.56	\$ 34,636.68	42.27%
\$ 369.46	\$ 5,541.90	-146.31%
\$ 1,212.29	\$ 15,759.77	6.75%
\$ 865.92	\$ 34,636.68	65.36%
\$ 1,616.38	\$ 27,478.46	42.27%
\$ 3,117.31	\$ 6,234.62	2.58%
\$ 144.32	\$ 288.64	3.79%
\$ 173.18	\$ 10,390.80	1.04%
\$ 3,175.03	\$ 31,750.30	9.28%
\$ 3,348.22	\$ 33,482.20	16.29%
\$ 4,271.87	\$ 42,718.70	38.97%
<b>Total Amount</b>		<b>\$ 2,954,030.31 10.97%</b>

J3 Company, LLC		
Unit Price	Amount	% Difference to Eng. Est.
\$ 4,500.00	\$ 4,500.00	97.10