

FORM A515 - BID TABULATION SUMMARY AND ANALYSIS

San Antonio Airport- Perimeter Road Reconstruction - Package 1
Project No. 00024

Atkins

Date Prepared: 6/30/2016

Prepared By: CAG

Atkins Project No. 100049439

File Name: _SAT Perimeter Road Recon Pkg 1_Bid Tab Form.xls

Bid Opening: June 28, 2016 @ 2:00 PM

Bid Tabulation Summary

BIDDER	BASE BID	ALT # 1	ALLOWANCE 1	GRAND TOTAL W/ ALTERNATES
Engineer's Estimate	\$427,800.00	\$256,780.00	\$15,000.00	\$699,580.00
SpawGlass	\$469,315.67	\$247,597.47	\$15,000.00	\$731,913.14
J3 Company, LLC	\$538,270.00	\$228,860.00	\$15,000.00	\$782,130.00
AJ Commercial Services	\$660,089.96	\$353,667.27	\$15,000.00	\$1,028,757.23
GL Contracting/DRH Const. JV	\$653,377.29	\$425,423.71	\$15,000.00	\$1,093,801.00

Bid Tabulation Errors

BIDDER	TABULATION ERRORS	NET EFFECT ON GRAND TOTALS
AJ Commerical Services	Add Alternate 1 did not total correctly. Bid form states \$459,202.70, calculated total is \$353,667.27	Reduces total by \$105,535.43
	NONE	NONE
	NONE	NONE

Bid Requirement Checklist

Bid Requirement	BIDDER		
	SpawGlass	J3 Company, LLC	AJ Commercial Services
1.) Invitation for Bids & Contract Signature Page	x	x	x
2.) Bid Form	x	x	x
3.) Unit Pricing Form	x	x	x
4.) Contractor's Questionare	x	x	x
5.) Proposal Bond (Bid Bond)	x	x	x
6.) DBE Good Faith Effort Plan for Federally Assisted Construction Contracts (DBE Fo	11.75%	1.9% of 10.37%	DBE firm
7.) Letter of Intent for Federally Funded Contracts (DBE Form 2)	x	x	x
8.) Buy American Certification	x	x	No
9.) Signed Addenda Acknowledgment Forms (1 through 5)	x	x	x
10.) Proof of Form 1295 with Certification Number & Date Filed	x	x	x
<i>Responsive Bid?</i>	Yes	Yes	No

Bid Requirement	BIDDER	
	GL Contracting/DRH Const. JV	Pronto Sandblasting
1.) Invitation for Bids & Contract Signature Page	x	x
2.) Bid Form	No	x
3.) Unit Pricing Form	x	Used Incorrect Form
4.) Contractor's Questionare	No Project Data	x
5.) Proposal Bond (Bid Bond)	x	x
6.) DBE Good Faith Effort Plan for Federally Assisted Construction Contracts (DBE Fo	30%	0% of 10.37%
7.) Letter of Intent for Federally Funded Contracts (DBE Form 2)	x	x
8.) Buy American Certification	x	x
9.) Signed Addenda Acknowledgment Forms (1 through 5)	x	x
10.) Proof of Form 1295 with Certification Number & Date Filed	x	x
<i>Responsive Bid?</i>	No	No

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ITEM NO.	WORK ITEM DESCRIPTION	UNIT	QUANTITY	Engineers Estimate			SpawGlass			J3 Company, LLC			AJ Commercial Services			GL Contracting/DRH Const. JV			Bid Analysis																					
				UNIT PRICE	AMOUNT	% DIFFERENCE TO ENG. ESTIMATE	UNIT PRICE	AMOUNT	% DIFFERENCE TO ENG. ESTIMATE	UNIT PRICE	AMOUNT	% DIFFERENCE TO ENG. ESTIMATE	UNIT PRICE	AMOUNT	% DIFFERENCE TO ENG. ESTIMATE	UNIT PRICE	AMOUNT	% DIFFERENCE TO ENG. ESTIMATE	LOWEST BID	HIGHEST BID	AVERAGE	% DIFFERENCE OF AVERAGE TO ENG.																		
BASE BID (STA. 13+50 - STA. 20+50)																																								
1	Mobilization	LS	1	\$22,000.00	\$22,000.00	\$37,000.00	\$37,000.00	68.18%	\$27,000.00	\$27,000.00	22.73%	\$48,006.54	\$48,006.54	118.21%	\$90,000.00	\$90,000.00	309.09%	\$27,000.00	\$90,000.00	\$50,501.64	129.55%																			
2	Insurance and Bonds	LS	1	\$4,000.00	\$4,000.00	\$3,700.00	\$3,700.00	-7.50%	\$10,000.00	\$10,000.00	150.00%	\$12,001.62	\$12,001.62	200.04%	\$33,254.11	\$33,254.11	731.35%	\$3,700.00	\$33,254.11	\$14,736.93	268.47%																			
3	Barricades, Signs, and Traffic Handling	LS	1	\$2,000.00	\$2,000.00	\$14,529.22	\$14,529.22	626.46%	\$15,000.00	\$15,000.00	650.00%	\$4,500.00	\$4,500.00	125.00%	\$25,500.00	\$25,500.00	1175.00%	\$4,500.00	\$25,500.00	\$14,882.31	644.12%																			
4	Contractor Quality Control	LS	1	\$4,000.00	\$4,000.00	\$8,183.43	\$8,183.43	104.59%	\$15,000.00	\$15,000.00	275.00%	\$12,912.00	\$12,912.00	222.80%	\$2,932.00	\$2,932.00	-26.70%	\$2,932.00	\$15,000.00	\$9,756.86	143.92%																			
5	Asphaltic Concrete Pavement Removal Full Depth	SY	1670	\$5.00	\$8,350.00	\$13.14	\$21,943.80	162.80%	\$15.00	\$25,050.00	200.00%	\$24.74	\$41,315.80	394.80%	\$30.91	\$51,619.70	518.20%	\$13.14	\$30.91	\$20.95	318.95%																			
6	Unclassified Excavation	CY	1,400	\$25.00	\$35,000.00	\$19.31	\$27,034.00	-22.76%	\$30.00	\$42,000.00	20.00%	\$40.53	\$56,742.00	62.12%	\$9.06	\$12,684.00	-63.76%	\$9.06	\$40.53	\$24.73	-1.10%																			
7	Erosion and Sedimentation Control	LS	1	\$7,500.00	\$7,500.00	\$2,140.28	\$2,140.28	-71.46%	\$5,000.00	\$5,000.00	-33.33%	\$4,207.50	\$4,207.50	-43.90%	\$1,488.75	\$1,488.75	-80.15%	\$1,488.75	\$5,000.00	\$3,209.13	-57.21%																			
8	Erosion Control Logs	LF	150	\$18.00	\$2,700.00	\$9.51	\$1,426.50	-47.17%	\$11.00	\$1,650.00	-38.89%	\$16.00	\$2,400.00	-11.11%	\$9.20	\$1,380.00	-48.89%	\$9.20	\$16.00	\$11.43	-36.51%																			
9	Construction Entrance/Exit	SY	300	\$10.00	\$3,000.00	\$50.99	\$15,297.00	409.90%	\$20.00	\$6,000.00	100.00%	\$230.00	\$69,000.00	2200.00%	\$29.90	\$8,970.00	199.00%	\$20.00	\$230.00	\$82.72	727.23%																			
10	Crushed Aggregate Base Course	CY	430	\$75.00	\$32,250.00	\$61.55	\$26,466.50	-17.93%	\$90.00	\$38,700.00	20.00%	\$178.03	\$76,552.90	137.37%	\$88.56	\$38,080.80	18.08%	\$61.55	\$178.03	\$104.54	39.38%																			
11	Bituminous Surface Course	TON	20	\$140.00	\$2,800.00	\$385.40	\$7,708.00	175.29%	\$460.00	\$9,200.00	228.57%	\$250.00	\$6,250.00	78.57%	\$460.00	\$9,200.00	228.57%	\$250.00	\$460.00	\$388.85	177.75%																			
12	Bituminous Binder Course	TON	225	\$140.00	\$31,500.00	\$385.40	\$86,715.00	175.29%	\$460.00	\$103,500.00	228.57%	\$95.00	\$21,375.00	-32.14%	\$403.65	\$90,821.25	188.32%	\$95.00	\$460.00	\$366.01	140.01%																			
13	Type A Grade 1 - Grade 2 Flexible Base	TON	770	\$75.00	\$57,750.00	\$39.00	\$30,030.00	-48.00%	\$51.00	\$39,270.00	-32.00%	\$40.00	\$30,800.00	-46.67%	\$32.20	\$24,794.00	-57.07%	\$32.20	\$51.00	\$40.55	-45.93%																			
14	Portland Cement Concrete 8"	SY	1,920	\$90.00	\$172,800.00	\$71.50	\$137,280.00	-20.56%	\$70.00	\$134,400.00	-22.22%	\$83.23	\$159,801.60	-7.52%	\$78.08	\$149,913.60	-13.24%	\$70.00	\$83.23	\$75.70	-15.89%																			
15	Temporary Fence 6" Chain Link Fence	LF	190	\$15.00	\$2,850.00	\$30.25	\$5,747.50	101.67%	\$90.00	\$17,100.00	500.00%	\$250.00	\$47,500.00	1566.67%	\$65.78	\$12,488.20	338.53%	\$30.25	\$250.00	\$109.01	626.72%																			
16	Corrugated Metal Pipe 18" Diameter, Including Backfill	LF	180	\$65.00	\$11,700.00	\$96.08	\$17,294.40	47.82%	\$100.00	\$18,000.00	53.85%	\$100.00	\$18,000.00	-16.31%	\$54.40	\$9,792.00	-31.11%	\$100.00	\$54.40	\$87.62	34.80%																			
17	Safety End Treatment, Type II, 18" Diameter	EA	4	\$1,400.00	\$5,600.00	\$2,167.51	\$8,670.04	54.82%	\$2,200.00	\$8,800.00	57.14%	\$4,300.00	\$17,200.00	207.14%	\$5,500.00	\$22,000.00	292.86%	\$2,167.51	\$5,500.00	\$3,541.88	152.99%																			
18	Hydro-Mulch Seeding	AC	2	\$4,000.00	\$8,000.00	\$5,700.00	\$8,550.00	42.50%	\$6,000.00	\$9,000.00	50.00%	\$4,250.00	\$6,375.00	6.25%	\$2,731.25	\$4,096.88	-31.72%	\$2,731.25	\$6,000.00	\$4,670.31	16.76%																			
19	Topsolling	CY	800	\$20.00	\$16,000.00	\$12.00	\$9,600.00	-40.00%	\$17.00	\$13,600.00	-15.00%	\$33.00	\$26,400.00	65.00%	\$80.44	\$64,352.00	302.20%	\$12.00	\$80.44	\$35.61	78.05%																			
BASE BID TOTAL					\$427,800.00		\$469,315.67	9.70%		\$538,270.00	25.82%		\$660,089.96	54.30%		\$653,377.29	52.73%																							
ADD ALTERNATE #1 (STA. 20+50 - STA. 25+37)																																								
1	Mobilization	LS	1	\$16,000.00	\$16,000.00	\$18,000.00	\$18,000.00	12.50%	\$1,000.00	\$1,000.00	-93.75%	\$36,736.22	\$36,736.22	129.60%	\$90,000.00	\$90,000.00	462.50%	\$1,000.00	\$90,000.00	\$36,434.06	127.71%																			
2	Insurance and Bonds	LS	1	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	-28.00%	\$1,000.00	\$1,000.00	-60.00%	\$9,184.05	\$9,184.05	267.36%	\$33,254.11	\$33,254.11	1230.16%	\$1,000.00	\$33,254.11	\$11,309.54	352.38%																			
3	Barricades, Signs, and Traffic Handling	LS	1	\$1,500.00	\$1,500.00	\$10,247.13	\$10,247.13	583.14%	\$1,000.00	\$1,000.00	-33.33%	\$4,500.00	\$4,500.00	200.00%	\$20,110.00	\$20,110.00	1240.67%	\$1,000.00	\$20,110.00	\$8,964.28	497.62%																			
4	Contractor Quality Control	LS	1	\$2,500.00	\$2,500.00	\$5,665.46	\$5,665.46	126.62%	\$2,000.00	\$2,000.00	-20.00%	\$12,912.00	\$12,912.00	416.48%	\$2,932.00	\$2,932.00	17.28%	\$2,000.00	\$12,912.00	\$5,877.37	135.09%																			
5	Asphaltic Concrete Pavement Removal Full Depth	SY	1,300	\$5.00	\$6,500.00	\$13.14	\$17,082.00	162.80%	\$15.00	\$19,500.00	200.00%	\$24.74	\$32,162.00	394.80%	\$21.40	\$27,820.00	328.00%	\$13.14	\$21.40	\$18.57	271.40%																			
6	Unclassified Excavation	CY	800	\$25.00	\$20,000.00	\$30.67	\$24,536.00	22.68%	\$30.00	\$24,000.00	20.00%	\$40.53	\$32,424.00	62.12%	\$9.50	\$7,600.00	-62.00%	\$9.50	\$40.53	\$27.68	10.70%																			
7	Erosion and Sedimentation Control	LS	1	\$2,500.00	\$2,500.00	\$2,140.28	\$2,140.28	-14.39%	\$1,000.00	\$1,000.00	-60.00%	\$3,500.00	\$3,500.00	-40.45%	\$1,488.75	\$1,488.75	-80.15%	\$1,000.00	\$3,500.00	\$2,032.26	-18.71%																			
8	Erosion Control Logs	LF	110	\$18.00	\$1,980.00	\$9.51	\$1,046.10	-47.17%	\$11.00	\$1,210.00	-38.89%	\$16.00	\$1,760.00	-11.11%	\$9.20	\$1,012.00	-48.89%	\$9.20	\$16.00	\$11.43	-36.51%																			
9	Type A Grade 1 - Grade 2 Flexible Base	TON	530	\$75.00	\$39,750.00	\$39.00	\$20,670.00	-48.00%	\$50.00	\$26,500.00	-33.33%	\$23.00	\$12,190.00	-69.33%	\$32.20	\$17,066.00	-57.07%	\$23.00	\$50.00	\$36.05	-51.93%																			
10	Portland Cement Concrete 8"	SY	1,300	\$90.00	\$117,000.00	\$71.50	\$92,950.00	-20.56%	\$70.00	\$91,000.00	-22.22%	\$83.23	\$108,199.00	-7.52%	\$78.01	\$101,413.00	-13.32%	\$70.00	\$83.23	\$75.69	-15.91%																			
11	Temporary Fence 6" Chain Link Fence	LF	170	\$15.00	\$2,550.00	\$30.25	\$5,142.50	101.67%	\$90.00	\$15,300.00	500.00%	\$250.00	\$42,500.00	1566.67%	\$65.78	\$11,182.60	338.53%	\$30.25	\$250.00	\$109.01	626.72%																			
12	Corrugated Metal Pipe 30" Diameter, Including Backfill	LF	180	\$90.00	\$16,200.00	\$126.28	\$22,730.40	40.31%	\$100.00	\$18,000.00	11.11%	\$100.00	\$18,000.00	11.11%	\$125.40	\$22,572.00	39.33%	\$100.00	\$125.40	\$112.92	25.47%																			
13	Safety End Treatment, Type II, 30" Diameter	EA	4	\$3,200.00	\$12,800.00	\$3,321.90	\$13,287.60	3.81%	\$3,000.00	\$12,000.00	-6.25%	\$4,300.00	\$17,200.00	34.38%	\$10,500.00	\$42,000.00	228.13%	\$3,000.00	\$10,500.00	\$5,280.48	65.01%																			
14	Hydro-Mulch Seeding	AC	1	\$4,000.00	\$4,000.00	\$5,700.00	\$5,700.00	42.50%	\$6,000.00	\$6,000.00	50.00%	\$4,250.00	\$4,250.00	6.25%	\$2,731.25	\$2,731.25	-31.72%	\$2,731.25	\$6,000.00	\$4,670.31	16.76%																			
15	Topsolling	CY	550	\$20.00	\$11,000.00	\$12.00	\$6,600.00	-40.00%	\$17.00	\$9,350.00	-15.00%	\$33.00	\$18,150.00	65.00%	\$80.44	\$44,242.00	302.20%	\$12.00	\$80.44	\$35.61	78.05%																			
ADD ALTERNATE #1 TOTAL					\$256,780.00		\$247,597.47	-3.58%		\$228,860.00	-10.87%		\$353,667.27	37.73%		\$425,423.71	65.68%																							
ALLOWANCE 1																																								
1	Allowance 1 - Alternate Staging Area Preparation	ALLOW	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00		\$15,000.00	\$15,000.00		\$15,000.00	\$15,000.00		\$15,000.00	\$15,000.00																								
ALLOWANCE 1 TOTAL					\$15,000.00		\$15,000.00			\$15,000.00			\$15,000.00			\$15,000.00																								
BASE BID + ALTERNATE 1 + ALLOWANCE 1 TOTAL					\$699,580.00		\$731,913.14	4.62%		\$782,130.00	11.80%		\$1,028,757.23	47.05%		\$1,093,801.00	56.35%		Average Bid	\$847,600.12	21.16%																			