

FORM A515 - BID TABULATION SUMMARY AND ANALYSIS

San Antonio Airport- GA FIS Taxiway and Apron Improvements
 Project No. 330050

RS&H, Inc.

Date Prepared: 9/26/2014

Prepared By: ALL /JEH

RS&H Project No. 223-3267-004

File Name: SAT GA FIS Twy and Apron Improv_Bid Tab Form.xls

Bid Opening: September 23, 2014 @ 2:00 PM

Bid Tabulation Summary

BIDDER	BASE BID		GRAND TOTAL W/ ALTERNATES
Engineer's Estimate	\$2,882,110.50		\$2,882,110.50
J3 Company, LLC	\$3,162,885.00		\$3,162,885.00
Sterling Delaware Holding Company, Inc.	\$3,310,272.50		\$3,310,272.50
Tropical Contracting, LLC	\$3,461,606.00		\$3,461,606.00

Bid Tabulation Errors

BIDDER	TABULATION ERRORS	NET EFFECT ON GRAND TOTALS
J3 Company, LLC	NONE	NONE
Sterling Delaware Holding Company, Inc.	NONE	NONE
Tropical Contracting, LLC	NONE	NONE

Bid Requirement Checklist

Bid Requirement	BIDDER		
	J3 Company, LLC	Sterling Delaware Holding Company, Inc.	Tropical Contracting, LLC
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	5.8% of 7.86%	3.8% of 7.86%	DBE firm
7.) Letter of Intent for Federally Funded Contracts (DBE Form 2)	X	X	X
8.) Buy American Certification	X	X	X
9.) Signed Addenda Acknowledgment Forms (1 through 4)	X	X	X
Responsive Bid?	yes	yes	yes

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ITEM NO.	WORK ITEM DESCRIPTION	UNIT	QUANTITY	Engineers Estimate		J3 Company, LLC			Sterling Delaware Holding Company, Inc.			Tropical Construction LLC			Bid Analysis			
				UNIT PRICE	AMOUNT	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.
100.1	Mobilization	LS	1	\$260,000.00	\$260,000.00	\$400,000.00	\$400,000.00	53.85%	\$200,000.00	\$200,000.00	-23.08%	\$100,000.00	\$100,000.00	-61.54%	\$100,000.00	\$400,000.00	\$233,333.33	-10.26%
100.2	Insurance and Bonds	LS	1	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	-16.67%	\$50,000.00	\$50,000.00	-16.67%	\$55,000.00	\$55,000.00	-8.33%	\$50,000.00	\$55,000.00	\$51,666.67	-13.89%
P-102-10.1	Safety and Security	LSUM	1	\$150,000.00	\$150,000.00	\$107,000.00	\$107,000.00	-28.67%	\$500,000.00	\$500,000.00	233.33%	\$45,000.00	\$45,000.00	-70.00%	\$45,000.00	\$50,000.00	\$217,333.33	44.89%
P-103-4.1	Engineer's Field Office	LSUM	1	\$50,000.00	\$50,000.00	\$1.00	\$1.00	-100.00%	\$150,000.00	\$150,000.00	200.00%	\$15,000.00	\$15,000.00	-70.00%	\$1.00	\$150,000.00	\$55,000.33	10.00%
P-104-5.1	Project Survey and Stakout	LSUM	1	\$100,000.00	\$100,000.00	\$50,000.00	\$50,000.00	-50.00%	\$200,000.00	\$200,000.00	100.00%	\$65,000.00	\$65,000.00	-35.00%	\$50,000.00	\$200,000.00	\$105,000.00	5.00%
P-105-5.1	Temporary Construction Items	LSUM	1	\$100,000.00	\$100,000.00	\$50,000.00	\$50,000.00	-50.00%	\$50,000.00	\$50,000.00	-50.00%	\$440,000.00	\$440,000.00	340.00%	\$50,000.00	\$440,000.00	\$180,000.00	80.00%
P-106-5.1	Pavement Marking Removal	SF	3,676	\$2.00	\$7,352.00	\$5.00	\$18,380.00	150.00%	\$4.00	\$14,704.00	100.00%	\$5.00	\$18,380.00	150.00%	\$4.00	\$5.00	\$4.67	133.33%
P-107-4.1	Concrete Pavement Removal Full Depth	SY	2,400	\$20.00	\$48,000.00	\$40.00	\$96,000.00	100.00%	\$30.00	\$72,000.00	50.00%	\$20.00	\$48,000.00	0.00%	\$20.00	\$40.00	\$30.00	50.00%
P-107-4.2	Asphaltic Concrete Pavement Removal Full Depth	SY	620	\$7.00	\$4,340.00	\$20.00	\$12,400.00	185.71%	\$12.00	\$7,440.00	71.43%	\$20.00	\$12,400.00	185.71%	\$12.00	\$20.00	\$17.33	147.62%
P-107-4.3	Cement Treated Base Removal Full Depth	SY	1,032	\$8.00	\$8,256.00	\$20.00	\$20,640.00	150.00%	\$12.00	\$12,384.00	50.00%	\$20.00	\$20,640.00	150.00%	\$12.00	\$20.00	\$17.33	116.67%
P-107-4.4	Remove Concrete Oil/Water Separator Full Depth	LS	1	\$50,000.00	\$50,000.00	\$4,000.00	\$4,000.00	-92.00%	\$30,000.00	\$30,000.00	-40.00%	\$8,500.00	\$8,500.00	-83.00%	\$4,000.00	\$30,000.00	\$14,166.67	-71.67%
P-152-4.1	Unclassified Excavation	CY	5,900	\$20.00	\$118,000.00	\$25.00	\$147,500.00	25.00%	\$20.00	\$118,000.00	0.00%	\$20.00	\$118,000.00	0.00%	\$20.00	\$25.00	\$21.67	8.33%
P-155-8.1	Lime Treated Subgrade	SY	1,621	\$16.50	\$26,746.50	\$38.00	\$61,598.00	130.30%	\$25.00	\$40,525.00	51.52%	\$35.00	\$56,735.00	112.12%	\$25.00	\$38.00	\$32.67	97.98%
P-156-5.1	Erosion and Sedimentation Control	LS	1	\$25,000.00	\$25,000.00	\$3,000.00	\$3,000.00	-88.00%	\$9,000.00	\$9,000.00	-64.00%	\$4,500.00	\$4,500.00	-82.00%	\$3,000.00	\$9,000.00	\$5,500.00	-78.00%
P-156-5.2	Erosion Control Logs	LF	120	\$20.00	\$2,400.00	\$18.00	\$2,160.00	-10.00%	\$3.95	\$474.00	-80.25%	\$12.00	\$1,440.00	-40.00%	\$3.95	\$18.00	\$11.32	-43.42%
P-156-5.3	Inlet and Outlet Protection	EA	9	\$2,000.00	\$18,000.00	\$150.00	\$1,350.00	-92.50%	\$350.00	\$3,150.00	-82.50%	\$265.00	\$2,385.00	-86.75%	\$150.00	\$350.00	\$255.00	-87.25%
P-156-5.4	Construction Entrance/Exit	SY	358	\$15.00	\$5,370.00	\$10.00	\$3,580.00	-33.33%	\$10.00	\$3,580.00	-33.33%	\$35.00	\$12,530.00	133.33%	\$10.00	\$35.00	\$18.33	22.22%
P-209-5.1	Crushed Aggregate Base Course 6"	CY	1,244	\$20.00	\$24,880.00	\$75.00	\$93,300.00	275.00%	\$60.00	\$74,640.00	200.00%	\$114.00	\$141,816.00	470.00%	\$60.00	\$114.00	\$83.00	315.00%
P-304-8.1	Cement Treated Base 10"	SY	7,402	\$15.00	\$111,030.00	\$54.00	\$399,708.00	260.00%	\$34.00	\$251,668.00	126.67%	\$114.00	\$843,828.00	660.00%	\$34.00	\$114.00	\$67.33	348.89%
P-403-8.1a	Bituminous Surface Course	TON	35	\$200.00	\$7,000.00	\$420.00	\$14,700.00	110.00%	\$215.00	\$7,525.00	7.50%	\$125.00	\$4,375.00	-37.50%	\$125.00	\$420.00	\$253.33	26.67%
F-162-5.1	Fence Removal	LF	250	\$5.00	\$1,250.00	\$6.00	\$1,500.00	20.00%	\$10.00	\$2,500.00	100.00%	\$20.00	\$5,000.00	300.00%	\$6.00	\$20.00	\$12.00	140.00%
F-162-5.4	Temporary Fence 6' Chain Link Fence	LF	600	\$20.00	\$12,000.00	\$10.00	\$6,000.00	-50.00%	\$28.00	\$16,800.00	40.00%	\$40.00	\$24,000.00	100.00%	\$10.00	\$40.00	\$26.00	30.00%
F-162-5.5	Temporary 16' Vehicular Gate	EA	1	\$5,000.00	\$5,000.00	\$500.00	\$500.00	-90.00%	\$2,250.00	\$2,250.00	-55.00%	\$3,500.00	\$3,500.00	-30.00%	\$500.00	\$3,500.00	\$2,083.33	-58.33%
P-501-8.1	Portland Cement Concrete 8"	SY	1,300	\$85.00	\$110,500.00	\$90.00	\$117,000.00	5.88%	\$100.00	\$130,000.00	17.65%	\$95.00	\$123,500.00	11.76%	\$90.00	\$100.00	\$95.00	11.76%
P-501-8.2	Portland Cement Concrete 12"	SY	7,486	\$115.00	\$860,890.00	\$132.00	\$988,152.00	14.78%	\$121.00	\$905,806.00	5.22%	\$115.00	\$860,890.00	0.00%	\$115.00	\$132.00	\$122.67	6.67%
P-620-5.1	Airfield Pavement Marking (Yellow) with Reflective Beads	SF	2,048	\$2.00	\$4,096.00	\$2.00	\$4,096.00	0.00%	\$3.50	\$7,168.00	75.00%	\$4.00	\$8,192.00	100.00%	\$2.00	\$4.00	\$3.17	58.33%
P-620-5.2	Airfield Pavement Marking (White) with Reflective Beads	SF	118	\$2.00	\$2,360.00	\$2.00	\$2,360.00	0.00%	\$5.00	\$5,900.00	150.00%	\$6.00	\$7,080.00	200.00%	\$2.00	\$6.00	\$4.33	116.67%
P-620-5.3	Airfield Pavement Marking (Black) without Reflective Beads	SF	2,709	\$1.00	\$2,709.00	\$2.00	\$5,418.00	100.00%	\$3.50	\$9,481.50	250.00%	\$5.00	\$13,545.00	400.00%	\$2.00	\$5.00	\$3.50	250.00%
D-701-5.1	18" Diameter RCP Class V	LF	60	\$65.00	\$3,900.00	\$110.00	\$6,600.00	69.23%	\$150.00	\$9,000.00	130.77%	\$82.00	\$4,920.00	26.15%	\$82.00	\$150.00	\$114.00	75.38%
D-701-5.2	24" Diameter RCP Class V	LF	424	\$70.00	\$29,680.00	\$140.00	\$59,360.00	100.00%	\$160.00	\$67,840.00	128.57%	\$86.00	\$36,464.00	22.86%	\$86.00	\$160.00	\$128.67	83.81%
D-701-5.3	30" Diameter RCP Class V	LF	65	\$85.00	\$5,525.00	\$190.00	\$12,350.00	123.53%	\$200.00	\$13,000.00	135.29%	\$114.00	\$7,410.00	34.12%	\$114.00	\$200.00	\$168.00	97.65%
D-751-5.2	4'X4' Grate Inlet w/Manhole Top	EA	2	\$4,500.00	\$9,000.00	\$8,000.00	\$16,000.00	77.78%	\$7,500.00	\$15,000.00	66.67%	\$1,450.00	\$2,900.00	-67.78%	\$1,450.00	\$8,000.00	\$5,650.00	25.56%
D-751-5.3	5'X5' Grate Inlet w/Manhole Top	EA	2	\$5,500.00	\$11,000.00	\$10,000.00	\$20,000.00	81.82%	\$6,200.00	\$12,400.00	12.73%	\$1,850.00	\$3,700.00	-66.36%	\$1,850.00	\$10,000.00	\$6,016.67	9.39%
D-751-5.4	4'X4' Junction Box w/Manhole Top	EA	1	\$4,500.00	\$4,500.00	\$9,000.00	\$9,000.00	100.00%	\$4,300.00	\$4,300.00	-4.44%	\$1,450.00	\$1,450.00	-67.78%	\$9,000.00	\$4,916.67	\$4,916.67	9.26%
D-751-5.5	6'X6' Junction Box w/Manhole Top	EA	1	\$5,500.00	\$5,500.00	\$13,000.00	\$13,000.00	136.36%	\$6,700.00	\$6,700.00	21.82%	\$3,050.00	\$3,050.00	-44.55%	\$3,050.00	\$13,000.00	\$7,583.33	37.88%
D-751-5.7	10'X10' Junction Box w/Manhole Top	EA	1	\$25,000.00	\$25,000.00	\$21,000.00	\$21,000.00	-16.00%	\$14,000.00	\$14,000.00	-44.00%	\$6,500.00	\$6,500.00	-74.00%	\$6,500.00	\$21,000.00	\$13,833.33	-44.67%
T-901-5.1	Hydro-Mulch Seeding	AC	2	\$5,000.00	\$10,000.00	\$4,000.00	\$8,000.00	-20.00%	\$2,200.00	\$4,400.00	-56.00%	\$3,000.00	\$6,000.00	-40.00%	\$2,200.00	\$4,000.00	\$3,066.67	-38.67%
T-904-5.1	Sodding	SY	5,500	\$5.00	\$27,500.00	\$5.00	\$27,500.00	0.00%	\$3.95	\$21,725.00	-21.00%	\$6.50	\$35,750.00	30.00%	\$3.95	\$6.50	\$5.15	3.00%
T-905-5.1	Topsoiling	CY	611	\$25.00	\$15,275.00	\$20.00	\$12,220.00	-20.00%	\$25.00	\$15,275.00	0.00%	\$48.00	\$29,328.00	92.00%	\$20.00	\$48.00	\$31.00	24.00%
L-108-5.1	1/C NO. 8 AWG, 5KV, Type L-824 Cable	LF	2,240	\$2.00	\$4,480.00	\$2.00	\$4,480.00	0.00%	\$5.00	\$11,200.00	150.00%	\$1.50	\$3,360.00	-25.00%	\$1.50	\$5.00	\$2.83	41.67%
L-108-5.2	1/C NO. 6 AWG Counterpoise including ground rods	LF	1,430	\$2.00	\$2,860.00	\$3.00	\$4,290.00	50.00%	\$7.00	\$10,010.00	250.00%	\$2.00	\$2,860.00	0.00%	\$2.00	\$7.00	\$4.00	100.00%
L-110-5.1	Electrical Conduit, 1-2" Schedule 40 PVC	LF	2,240	\$8.00	\$17,920.00	\$10.00	\$22,400.00	25.00%	\$5.00	\$11,200.00	-37.50%	\$9.20	\$20,608.00	15.00%	\$5.00	\$10.00	\$8.07	0.83%
L-110-5.2	Electrical Duct Bank, 4-4" Schedule 40 PVC	LF	82	\$25.00	\$2,050.00	\$70.00	\$5,740.00	180.00%	\$8.00	\$656.00	-68.00%	\$58.00	\$4,756.00	132.00%	\$8.00	\$70.00	\$45.33	81.33%
L-112-4.1	Directional Drill 1-2" Conduit, Schedule 80	LF	150	\$25.00	\$3,750.00	\$120.00	\$18,000.00	380.00%	\$15.00	\$2,250.00	-40.00%	\$100.00	\$15,000.00	300.00%	\$15.00	\$120.00	\$78.33	213.33%
L-125-5.1	L-861T Taxiway Edge Light	EA	7	\$2,000.00	\$14,000.00	\$1,000.00	\$7,000.00	-50.00%	\$500.00	\$3,500.00	-75.00%	\$1,060.00	\$7,420.00	-47.00%	\$500.00	\$1,060.00	\$853.33	-57.33%
L-125-5.2	L-861T(L) Taxiway Edge Light	EA	15	\$2,500.00	\$37,500.00	\$1,000.00	\$15,000.00	-60.00%	\$500.00	\$7,500.00	-80.00%	\$1,150.00	\$17,250.00	-54.00%	\$500.00	\$1,150.00	\$883.33	-64.67%
L-125-5.3	L-858(L) Guidance Sign, Size 3, Style 2, Class 1	EA	4	\$10,000.00	\$40,000.00	\$6,000.00	\$24,000.00	-40.00%	\$3,000.00	\$12,000.00	-70.00%	\$6,750.00	\$27,000.00	-32.50%	\$3,000.00	\$6,750.00	\$5,250.00	-47.50%
L-125-5.4	Remove Airfield Light	EA	6	\$300.00	\$1,800.00	\$300.00	\$1,800.00	0.00%	\$500.00	\$3,000.00	66.67%	\$235.00	\$1,410.00	-21.67%	\$235.00	\$500.00	\$345.00	15.00%
L-125-5.5	Maintenance of Airport Lighting System during Constr.	EA	1	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00	-85.00%	\$25,000.00	\$25,000.00	25.00%	\$2,564.00	\$2,564.00	-87.18%	\$25,000.00	\$10,188.00	\$4,916.67	-49.06%
L-125-5.6	Remove Conduit and Cable	EA	1															