

**BID ANALYSIS SUMMARY**

**TUSCALOOSA REGIONAL AIRPORT  
STORM DRAINAGE SYSTEM REHABILITATION PHASE 1  
Bid Date: August 11, 2016 @ 2:00 p.m. CDT**

					REV Construction, Inc. Tuscaloosa, AL		John Plott, Co., Inc. Tuscaloosa, AL		Cornerstone Civil Contractors, LLC	
ITEM NO	SPEC.	ITEM DESCRIPTION	UNIT	EST. QUAN.	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
<b>Schedule 1 - Base Bid: Drainage System Serving Northwest Side of Runway 4-22 Safety Area from Taxiway A2 to A5</b>										
1	M-100-3.1a	Schedule 1 Mobilization	L.S.	1	\$55,000.00	\$55,000.00	\$45,006.98	\$45,006.98	\$39,500.00	\$39,500.00
2	M-100-3.2a	Schedule 1 Contractor's Quality Control Program	L.S.	1	\$3,000.00	\$3,000.00	\$55,835.91	\$55,835.91	\$155,200.00	\$155,200.00
3	M-100-3.3a	Schedule 1 Construction Layout	L.S.	1	\$5,000.00	\$5,000.00	\$16,637.40	\$16,637.40	\$12,500.00	\$12,500.00
4	M-100-3.4a	Schedule 1 As-Built Drawings	L.S.	1	\$1,000.00	\$1,000.00	\$1,755.00	\$1,755.00	\$4,500.00	\$4,500.00
5	M-101-4.1a	Maintenance of Traffic for Schedule 1 Work	L.S.	1	\$6,000.00	\$6,000.00	\$34,504.48	\$34,504.48	\$27,000.00	\$27,000.00
6	P-152-4.1	Grading and Reshaping of Existing Storm Drainage System Outfall Channel	L.F.	372	\$30.00	\$11,160.00	\$31.02	\$11,539.44	\$10.70	\$3,980.40
7	P-156-5.1	Prepare NPDES Permit Application and Submit to ADEM	L.S.	1	\$3,500.00	\$3,500.00	\$6,201.00	\$6,201.00	\$3,000.00	\$3,000.00
8	P-156-5.2	NPDES Permit Fees	L.S.	1	\$4,500.00	\$4,500.00	\$2,439.45	\$2,439.45	\$1,900.00	\$1,900.00
9	P-156-5.3	Install and Maintain Ditch Wattle, and Remove upon Completion of Project	Ea.	35	\$90.00	\$3,150.00	\$91.06	\$3,187.10	\$80.00	\$2,800.00
10	P-156-5.4	Install and Maintain Inlet Protection, and Remove upon Completion of Project	Ea.	12	\$475.00	\$5,700.00	\$369.67	\$4,436.04	\$340.00	\$4,080.00
11	P-156-5.5	Install Double Net Straw/Coconut Matting	S.Y.	995	\$6.00	\$5,970.00	\$4.30	\$4,278.50	\$2.00	\$1,990.00
12	P-156-5.6	Install Double Net Straw Matting	S.Y.	4,700	\$3.70	\$17,390.00	\$2.45	\$11,515.00	\$1.25	\$5,875.00
13	P-156-5.7	Temporary Seeding with Mulch	Ac.	3	\$1,400.00	\$4,200.00	\$1,170.39	\$3,511.17	\$1,050.00	\$3,150.00
14	D-709-12.1	Install Cured-In-Place-Pipe (CIPP) Lining for 48-inch dia. Pipe A	L.F.	377	\$260.00	\$98,020.00	\$291.67	\$109,959.59	\$258.00	\$97,266.00
15	D-701-5.1	Remove and Replace Existing 48-inch dia. Pipe B	L.F.	401	\$160.00	\$64,160.00	\$177.75	\$0.00	\$215.00	\$0.00
	- OR -	- OR -			\$177.75		\$71,277.75	\$215.00	\$86,215.00	
	D-709-12.2	Install Cured-In-Place-Pipe (CIPP) Lining for 48-inch dia. Pipe B			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
16	D-701-5.2	Remove and Replace Existing 42-inch dia. Pipe C	L.F.	402	\$120.00	\$48,240.00	\$162.02	\$0.00	\$168.00	\$0.00
	- OR -	- OR -			\$162.02		\$65,132.04	\$168.00	\$67,536.00	
	D-709-12.3	Install Cured-In-Place-Pipe (CIPP) Lining for 42-inch dia. Pipe C			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
17	D-701-5.3	Remove and Replace Existing 42-inch dia. Pipe D	L.F.	401	\$120.00	\$48,120.00	\$148.15	\$0.00	\$168.00	\$0.00
	- OR -	- OR -			\$148.15		\$59,408.15	\$168.00	\$67,368.00	
	D-709-12.4	Install Cured-In-Place-Pipe (CIPP) Lining for 42-inch dia. Pipe D			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
18	D-701-5.4	Remove and Replace Existing 42-inch dia. Pipe E	L.F.	401	\$120.00	\$48,120.00	\$148.15	\$0.00	\$168.00	\$0.00
	- OR -	- OR -			\$148.15		\$59,408.15	\$168.00	\$67,368.00	
	D-709-12.5	Install Cured-In-Place-Pipe (CIPP) Lining for 42-inch dia. Pipe E			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
19	D-701-5.5	Remove and Replace Existing 42-inch dia. Pipe F	L.F.	398	\$120.00	\$47,760.00	\$148.56	\$0.00	\$168.00	\$0.00
	- OR -	- OR -			\$148.56		\$59,126.88	\$168.00	\$66,864.00	
	D-709-12.6	Install Cured-In-Place-Pipe (CIPP) Lining for 42-inch dia. Pipe F			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
20	D-709-12.7	Install Cured-In-Place-Pipe (CIPP) Lining for 36-inch dia. Pipe G	L.F.	401	\$156.00	\$62,556.00	\$181.86	\$72,925.86	\$160.00	\$64,160.00
21	D-701-5.6	Remove and Replace Existing 36-inch dia. Pipe H	L.F.	299	\$100.00	\$29,900.00	\$119.28	\$0.00	\$133.00	\$0.00
	- OR -	- OR -			\$119.28		\$35,664.72	\$133.00	\$39,767.00	
	D-709-12.8	Install Cured-In-Place-Pipe (CIPP) Lining for 36-inch dia. Pipe H			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
22	D-701-5.7	Remove and Replace Existing 36-inch dia. Pipe J	L.F.	399	\$100.00	\$39,900.00	\$183.57	\$0.00	\$133.00	\$0.00
	- OR -	- OR -			\$183.57		\$73,244.43	\$133.00	\$53,067.00	
	D-709-12.9	Install Cured-In-Place-Pipe (CIPP) Lining for 36-inch dia. Pipe J			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
23	D-709-12.10	Install Cured-In-Place-Pipe (CIPP) Lining for 30-inch dia. Pipe K	L.F.	488	\$117.00	\$57,096.00	\$136.94	\$66,826.72	\$120.00	\$58,560.00
24	D-701-5.8	Remove and Replace Existing 30-inch dia. Pipe L	L.F.	312	\$95.00	\$29,640.00	\$115.49	\$0.00	\$130.00	\$0.00
	- OR -	- OR -			\$115.49		\$36,032.88	\$130.00	\$40,560.00	
	D-709-12.11	Install Cured-In-Place-Pipe (CIPP) Lining for 30-inch dia. Pipe L			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
25	D-701-5.9	Remove and Replace Existing 24-inch dia. Pipe M	L.F.	405	\$80.00	\$32,400.00	\$93.05	\$0.00	\$120.00	\$0.00
	- OR -	- OR -			\$93.05		\$37,685.25	\$120.00	\$48,600.00	
	D-709-12.12	Install Cured-In-Place-Pipe (CIPP) Lining for 24-inch dia. Pipe M			\$0.00		\$0.00	\$0.00	\$0.00	\$0.00

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					UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
26	D-751-5.1	Remove and Replace Inlet 2	Ea.	1	\$16,000.00	\$16,000.00	\$17,886.54	\$17,886.54	\$20,500.00	\$20,500.00
27	D-751-5.2	Remove and Replace Inlet 3	Ea.	1	\$10,000.00	\$10,000.00	\$13,206.54	\$13,206.54	\$20,500.00	\$20,500.00
28	D-751-5.	Remove and Replace Inlet 4	Ea.	1	\$6,500.00	\$6,500.00	\$8,588.65	\$8,588.65	\$17,400.00	\$17,400.00
29	D-751-5.4	Remove and Replace Inlet 5	Ea.	1	\$6,500.00	\$6,500.00	\$8,495.05	\$8,495.05	\$16,800.00	\$16,800.00
30	D-751-5.5	Remove and Replace Inlet 6	Ea.	1	\$6,500.00	\$6,500.00	\$8,495.05	\$8,495.05	\$16,800.00	\$16,800.00
31	D-751-5.6	Remove and Replace Inlet 7	Ea.	1	\$6,500.00	\$6,500.00	\$8,553.55	\$8,553.55	\$15,500.00	\$15,500.00
32	D-751-5.7	Remove and Replace Inlet 8	Ea.	1	\$6,500.00	\$6,500.00	\$9,737.49	\$9,737.49	\$13,750.00	\$13,750.00
33	D-751-5.8	Remove and Replace Inlet 9	Ea.	1	\$6,500.00	\$6,500.00	\$8,553.55	\$8,553.55	\$14,500.00	\$14,500.00
34	D-751-5.9	Remove and Replace Inlet 10	Ea.	1	\$6,500.00	\$6,500.00	\$8,506.75	\$8,506.75	\$14,500.00	\$14,500.00
35	D-751-5.10	Remove and Replace Inlet 12	Ea.	1	\$4,000.00	\$4,000.00	\$5,567.82	\$5,567.82	\$11,750.00	\$11,750.00
36	D-751-5.11	Remove and Replace Inlet 13	Ea.	1	\$4,000.00	\$4,000.00	\$5,614.62	\$5,614.62	\$10,750.00	\$10,750.00
37	D-752-5.1	Remove and Replace Concrete Headwall 1 for Existing 48-inch Concrete Pipe	Ea.	1	\$3,000.00	\$3,000.00	\$5,063.44	\$5,063.44	\$3,300.00	\$3,300.00
38	D-752-5.2	Remove and Replace Concrete Headwall for Existing 48-inch Corrugated Metal Pipe	Ea.	1	\$3,000.00	\$3,000.00	\$5,063.44	\$5,063.44	\$3,300.00	\$3,300.00
39	T-901-5.1	Seeding	Ac.	3	\$1,400.00	\$4,200.00	\$1,325.32	\$3,975.96	\$850.00	\$2,550.00
40	T-908-5.1	Mulching	Ac.	3	\$1,100.00	\$3,300.00	\$1,556.49	\$4,669.47	\$650.00	\$1,950.00
<b>Subtotal Base Bid:</b>						<b>\$ 824,482.00</b>		<b>\$1,069,517.81</b>		<b>\$1,206,656.40</b>
					<b>TOTAL BID SCHEDULE 1 AS STATED BY CONTRACTOR:</b>	\$830,482.00		\$1,069,517.81		\$1,206,656.40
					<b>DIFFERENCE FROM CALCULATED AMOUNT:</b>	<b>-\$6,000.00</b>		\$0.00		\$0.00

**Schedule 2A - Add Alternate 1: Drainage System Serving Northeast Portion of Runway 4-22**

**(Taxiways A1 and B1 to A2 and B2)**

1	M-100-3.1b	Schedule 2 Mobilization	L.S.	1	\$29,000.00	\$29,000.00	\$6,270.00	\$6,270.00	\$26,000.00	\$26,000.00
2	M-100-3.2b	Schedule 2 Contractor's Quality Control Program	L.S.	1	\$450.00	\$450.00	\$12,213.30	\$12,213.30	\$6,000.00	\$6,000.00
3	M-100-3.3b	Schedule 2 Construction Layout	L.S.	1	\$500.00	\$500.00	\$7,810.00	\$7,810.00	\$4,500.00	\$4,500.00
4	M-100-3.4b	Schedule 2 As-Built Drawings	L.S.	1	\$300.00	\$300.00	\$770.00	\$770.00	\$3,250.00	\$3,250.00
5	M-101-4.1b	Maintenance of Traffic for Schedule 2 Work	L.S.	1	\$450.00	\$450.00	\$11,055.00	\$11,055.00	\$6,500.00	\$6,500.00
6	P-156-5.3	Install and Maintain Ditch Wattle, and Remove upon Completion of Project	Ea.	4	\$90.00	\$360.00	\$279.43	\$1,117.72	\$80.00	\$320.00
7	P-156-5.4	Install and Maintain Inlet Protection, and Remove upon Completion of Project	Ea.	4	\$475.00	\$1,900.00	\$351.86	\$1,407.44	\$350.00	\$1,400.00
8	P-156-5.6	Install Double Net Straw Matting	S.Y.	600	\$3.70	\$2,220.00	\$2.27	\$1,362.00	\$2.00	\$1,200.00
9	P-156-5.7	Temporary Seeding with Mulch	Ac.	1	\$1,400.00	\$1,400.00	\$927.03	\$927.03	\$1,050.00	\$1,050.00
0	D-701-5.10	Remove and Replace Existing 36-inch dia. Pipe Q			\$100.00		\$112.25		\$138.00	
10	- OR -	- OR -	L.F.	405	\$100.00	\$40,500.00	\$112.25	\$45,461.25	\$138.00	\$55,890.00
0	D-709-12.16	Install Cured-In-Place-Pipe (CIPP) Lining for 36-inch dia. Pipe Q			\$0.00		\$0.00		\$0.00	
11	D-709-12.17	Install Cured-In-Place-Pipe (CIPP) Lining for 30-inch dia. Pipe R	L.F.	307	\$121.00	\$37,147.00	\$130.28	\$39,995.96	\$120.00	\$36,840.00
12	D-751-5.12	Remove and Replace Inlet 16	Ea.	1	\$15,000.00	\$15,000.00	\$16,832.90	\$16,832.90	\$15,750.00	\$15,750.00
13	D-751-5.13	Remove and Replace Inlet 17	Ea.	1	\$10,000.00	\$10,000.00	\$10,549.80	\$10,549.80	\$15,750.00	\$15,750.00
14	D-751-5.14	Remove and Replace Inlet 18	Ea.	1	\$6,500.00	\$6,500.00	\$6,653.70	\$6,653.70	\$10,000.00	\$10,000.00
15	D-751-5.15	Remove and Replace Inlet 19	Ea.	1	\$4,000.00	\$4,000.00	\$5,009.20	\$5,009.20	\$10,000.00	\$10,000.00
16	T-901-5.1	Seeding	Ac.	1	\$1,400.00	\$1,400.00	\$2,368.03	\$2,368.03	\$850.00	\$850.00
17	T-908-5.1	Mulching	Ac.	1	\$1,100.00	\$1,100.00	\$2,598.04	\$2,598.04	\$650.00	\$650.00
<b>Subtotal Add Alternate 1:</b>						<b>\$ 152,227.00</b>		<b>\$172,401.37</b>		<b>\$195,950.00</b>
					<b>TOTAL BID SCHEDULE 2A AS STATED BY CONTRACTOR:</b>	\$153,227.00		\$172,401.37		\$195,950.00
					<b>DIFFERENCE FROM CALCULATED AMOUNT:</b>	<b>-\$1,000.00</b>		\$0.00		\$0.00

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TUSCALOOSA REGIONAL AIRPORT  
 STORM DRAINAGE SYSTEM REHABILITATION PHASE 1  
 Bid Date: August 11, 2016 @ 2:00 p.m. CDT

ITEM NO	SPEC.	ITEM DESCRIPTION	UNIT	EST. QUAN.	REV Construction, Inc. Tuscaloosa, AL		John Plott, Co., Inc. Tuscaloosa, AL		Cornerstone Civil Contractors, LLC	
					UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
<b>Schedule 2B - Add Alternate 2: Additional Cured-In-Place-Pipe Installations</b>										
1	D-709-12.13	Install Cured-In-Place-Pipe (CIPP) Lining for 48-inch dia. Pipe N	L.F.	116	\$170.00	\$19,720.00	\$198.95	\$23,078.20	\$185.00	\$21,460.00
2	D-709-12.14	Install Cured-In-Place-Pipe (CIPP) Lining for 42-inch dia. Pipe O	L.F.	658	\$121.00	\$79,618.00	\$126.02	\$82,921.16	\$130.00	\$85,540.00
3	D-709-12.15	Install Cured-In-Place-Pipe (CIPP) Lining for 36-inch dia. Pipe P	L.F.	291	\$155.00	\$45,105.00	\$165.34	\$48,113.94	\$165.00	\$48,015.00
4	D-709-12.17	Install Cured-In-Place-Pipe (CIPP) Lining for 30-inch dia. Pipe R	L.F.	307	\$115.00	\$35,305.00	\$126.25	\$38,758.75	\$125.00	\$38,375.00
<b>Subtotal Add Alternate 2:</b>						<b>\$ 179,748.00</b>		<b>\$192,872.05</b>		<b>\$193,390.00</b>
<b>TOTAL BID SCHEDULE 2B AS STATED BY CONTRACTOR:</b>						<b>\$179,748.00</b>		<b>\$192,872.05</b>		<b>\$193,390.00</b>
<b>DIFFERENCE FROM CALCULATED AMOUNT:</b>						<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>

We hereby certify that this Bid Analysis Summary has been checked/verified, and that it is approved as to its accuracy.

ATKINS

by:  8/18/2016  
 C. Darren Duckworth, P.E. Date

KEY:

Lowest Bid
2nd Lowest
3rd Lowest
Bidder Error