

BID ANALYSIS SUMMARY
CROSSVILLE MEMORIAL AIRPORT
STORAGE HANGAR
Bid Date: May 28, 2015 @ 2:00 PM

Engineer's Estimate	Freitag Construction
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ITEM NO.	SPEC. SECTION	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	EXTENDED AMOUNT	UNIT PRICE	EXTENDED AMOUNT
SCHEDULE 1 - STORAGE HANGAR								
1		100'X100' Storage Hangar	L.S.	1	\$700,000.00	\$700,000.00	\$589,000.00	\$589,000.00
SCHEDULE 1 BASE BID						\$700,000.00		\$589,000.00
Alternate A - Electrical Hangar Door				L.S.	1	\$20,000.00	\$22,000.00	\$22,000.00
Alternate B - Epoxy Coating to Hangar Floor				L.S.	1	\$40,000.00	\$14,000.00	\$14,000.00
Alternate C - Infrared Heating to Hangar				L.S.	1	\$48,000.00	\$46,600.00	\$46,600.00
Alternate D - Increase Hangar Door Width				L.S.	1	\$5,000.00	\$4,000.00	\$4,000.00
Alternate E - Replace FRP Panels with Metal Panel				L.S.	1	(\$2,500.00)	(\$2,000.00)	(\$2,000.00)
TOTAL SCHEDULE 1 CONSTRUCTION COST						\$810,500		\$673,600

SCHEDULE 2 - SITE WORK								
1	M-100-3.1	Mobilization	L.S.	1	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00
2	M-101-4.1	Aircraft Barricade - Owner Furnished / Contractor Maintained	EA.	20	\$50.00	\$1,000.00	\$25.00	\$500.00
3	P-101-5.1	Asphalt Pavement Milling - All Depths	S.Y.	670	\$15.00	\$10,050.00	\$18.00	\$12,060.00
4	P-101-5.2	Fence Removal	L.F.	150	\$5.00	\$750.00	\$10.00	\$1,500.00
5	P-152-4.1	Unclassified Excavation to Embankment	C.Y.	3,000	\$15.00	\$45,000.00	\$6.00	\$18,000.00
6	P-152-4.2	Topsoil Stripping	C.Y.	500	\$7.00	\$3,500.00	\$7.00	\$3,500.00
7	P-156-5.1	Temporary Silt Fence	L.F.	500	\$5.00	\$2,500.00	\$4.00	\$2,000.00
8	P-156-5.2	Stone Filter Ring	EA.	1	\$500.00	\$500.00	\$300.00	\$300.00
9	P-401-8.1b	Bituminous Surface Course	TON	110	\$120.00	\$13,200.00	\$140.00	\$15,400.00
10	P-603-5.1	Bituminous Tack Coat	GAL.	100	\$5.00	\$500.00	\$12.00	\$1,200.00
11	P-610-4.1	4" PCC Sidewalk	S.Y.	150	\$75.00	\$11,250.00	\$45.00	\$6,750.00
12	F-162-5.1	Temporary Construction Fence (3' Orange Snow Fence)	L.F.	100	\$5.00	\$500.00	\$22.00	\$2,200.00
13	F-162-5.1	6' Chain-Link Fence	L.F.	150	\$25.00	\$3,750.00	\$25.00	\$3,750.00
14	F-162-5.4	Pedestrian Gate with Mag Lock and Keypad installed including electrical	EA.	1	\$750.00	\$750.00	\$3,000.00	\$3,000.00
15	TN-607.13	6" PVC Roof Drain Including Granular Backfill	L.F.	150	\$30.00	\$4,500.00	\$12.00	\$1,800.00
16	TN-607.13	8" PVC Roof Drain Including Granular Backfill	L.F.	200	\$35.00	\$7,000.00	\$14.00	\$2,800.00
17	TN-611.13	Cleanout	EA.	2	\$750.00	\$1,500.00	\$100.00	\$200.00
18	TN-607.13	15" RCP Pipe, Class III Including Granular Backfill	L.F.	100	\$60.00	\$6,000.00	\$50.00	\$5,000.00
19	TN-611.13	15" Concrete Headwall	EA.	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
20	TN-611.13	Concrete Catch Basin w/ Frame & Grate	EA.	3	\$2,500.00	\$7,500.00	\$3,000.00	\$9,000.00
21	TN-611.13	Adjust Manhole Casting	EA.	1	\$1,500.00	\$1,500.00	\$1,000.00	\$1,000.00
22	T-904-5.1	Sodding	S.Y.	2,500	\$5.00	\$12,500.00	\$6.00	\$15,000.00
23	T-905-5.1	Topsoiling from Stockpile	C.Y.	500	\$8.00	\$4,000.00	\$8.00	\$4,000.00
24	L-108-5.1	No. 8 AWG, L-824C Cable, installed in trench, duct bank, or conduit	L.F.	820	\$3.00	\$2,460.00	\$9.00	\$7,380.00
25	L-110-5.1	1 way 2" Schedule 40 PVC, Direct Buried	L.F.	100	\$15.00	\$1,500.00	\$5.00	\$500.00
26	L-110-5.2	11"x18" Utility Pullbox	EA.	2	\$750.00	\$1,500.00	\$400.00	\$800.00
27		Furnish and Install New Wet Well w/ Grinder Pump including Sanitary Sewer and Force Main Connections	L.S.	1	\$7,500.00	\$7,500.00	\$5,500.00	\$5,500.00
28		Furnish and Install Oil / Water Separator and Connections	L.S.	1	\$15,000.00	\$15,000.00	\$6,000.00	\$6,000.00
29		Electrical Service including Power to Above Ground Fuel Tanks	L.S.	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
30		Install New Communications Cabling for Fuel Management System	L.S.	1	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
31		Gas Service	L.S.	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
32		Water Service	L.S.	1	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
SCHEDULE 2 BASE BID						\$195,210.00		\$157,140.00

SCHEDULE 2 ADD ALTERNATE A - ASPHALT AIRCRAFT RAMP								
1	P-209-5.1	Crushed Aggregate Base Course	TON	550	\$35.00	\$19,250.00	\$30.00	\$16,500.00
2	P-401-8.1a	Bituminous Base Course	TON	150	\$120.00	\$18,000.00	\$120.00	\$18,000.00
3	P-401-8.1b	Bituminous Surface Course	TON	100	\$120.00	\$12,000.00	\$140.00	\$14,000.00
4	P-602-5.1	Bituminous Prime Coat	GAL.	250	\$5.00	\$1,250.00	\$12.00	\$3,000.00
5	P-603-5.1	Bituminous Tack Coat	GAL.	100	\$5.00	\$500.00	\$12.00	\$1,200.00
SCHEDULE 2 ADD ALTERNATE A SUBTOTAL						\$51,000.00		\$52,700.00

SCHEDULE 2 ADD ALTERNATE B - CONCRETE AIRCRAFT RAMP								
1	P-209-5.1	Crushed Aggregate Base Course	TON	275	\$35.00	\$9,625.00	\$30.00	\$8,250.00
2	P-501-8.1	Portland Cement Concrete Pavement	S.Y.	730	\$120.00	\$87,600.00	\$60.00	\$43,800.00

SCHEDULE 2 ADD ALTERNATE B SUBTOTAL						\$97,225.00		\$52,050.00
TOTAL SCHEDULE 2A (BASE + ADD ALT. A)						\$246,210		\$209,840
TOTAL SCHEDULE 2B (BASE + ADD ALT. B)						\$292,435		\$209,190
TOTAL PROJECT COST (SCHEDULE 1 + 2B)						\$1,102,935		\$882,790