

EPPLEY AIRFIELD

RECONSTRUCT TERMINAL RAMP ACCESS TAXIWAYS

BID DATE: MAY 10, 2011

FAA AIP 3-31-0062-58

BID TABS

LRA JOB NO. 10097.01 - 120

ITEM NO.	A.C. ITEM NO.	ITEM DESCRIPTION	APPROXIMATE QUANTITY		ENGINEERS ESTIMATE		HAWKINS CONSTRUCTION	
					Unit Price	Amount	Unit Price	Amount
1	P-101-5.1	Remove Asphaltic Concrete Pavement	11,831	SY	\$5.00	\$59,155.00	\$2.95	\$34,901.45
2	P-101-5.2	Remove Portland Cement Concrete Pavement	47,652	SY	\$5.00	\$238,260.00	\$11.21	\$534,178.92
3	P-101-5.3.1	Full Depth Cold Milling Asphalt Pavement Removal	21,678	SY	\$6.00	\$130,068.00	\$4.02	\$87,145.56
4	P-101-5.3.2	4" Cold Milling Asphalt	3,607	SY	\$5.00	\$18,035.00	\$8.34	\$30,082.38
5	P-101-5.4	Remove Storm Sewer Pipe	3,514	LF	\$8.00	\$28,112.00	\$6.77	\$23,789.78
6	P-101-5.5	Crush VCP <10" in Place	100	LF	\$6.00	\$600.00	\$6.08	\$608.00
7	P-101-5.6	Remove Storm Sewer Inlet/Manhole	10	EA	\$600.00	\$6,000.00	\$274.27	\$2,742.70
8	P-101-5.7	Saw-Cut PCC Pavement	10,417	LF	\$9.00	\$93,753.00	\$10.72	\$111,670.24
9	P-101-5.8	Saw-Cut ACC Pavement	3,144	LF	\$5.00	\$15,720.00	\$5.64	\$17,732.16
10	P-101-5.9	Remove 6" Underdrain Pipe	6,595	LF	\$3.00	\$19,785.00	\$0.76	\$5,012.20
11	P-101-5.10	Remove Underdrain Inspection Hole	38	EA	\$150.00	\$5,700.00	\$194.85	\$7,404.30
12	P-101-5.11	Adjust Storm Manhole to Grade	3	EA	\$1,500.00	\$4,500.00	\$613.71	\$1,841.13
13	P-101-5.12	Remove Pump Station Foundation	1	LS	\$3,000.00	\$3,000.00	\$5,884.54	\$5,884.54
14	P-101-5.13	Adjust Water Valve to Grade	1	EA	\$500.00	\$500.00	\$326.96	\$326.96
15	P-101-5.14	Relocate Underground Fire Hydrant including Waterline	1	EA	\$5,000.00	\$5,000.00	\$10,894.72	\$10,894.72
16	P-101-5.15	Adjust Electrical Pullbox to Grade	1	EA	\$5,000.00	\$5,000.00	\$552.46	\$552.46
17	P-101-5.16	Adjust Electrical Manhole to Grade	1	EA	\$2,000.00	\$2,000.00	\$551.91	\$551.91
18	P-101-5.17	Construct Concrete Mow Strip	25	LF	\$30.00	\$750.00	\$29.80	\$745.00
19	P-101-5.18	Furnish and Install Limits of Construction Fencing	7,000	LF	\$4.00	\$28,000.00	\$2.91	\$20,370.00
20	P-101-5.19	Relocate Limits of Construction Fencing	8,000	LF	\$2.50	\$20,000.00	\$1.98	\$15,840.00
21	P-102-4.2.1	Initial Mobilization - Phase 1	1	LS	\$119,000.00	\$119,000.00	\$119,000.00	\$119,000.00
22	P-102-4.2.2	Initial Mobilization - Phase 2	1	LS	\$65,000.00	\$65,000.00	\$65,000.00	\$65,000.00
23	P-102-4.2.3	Initial Mobilization - Phase 3	1	LS	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
24	P-102-4.2.4	Initial Mobilization - Phase 4	1	LS	\$54,000.00	\$54,000.00	\$54,000.00	\$54,000.00
25	P-102-4.2.5	Initial Mobilization - Phase 5	1	LS	\$44,000.00	\$44,000.00	\$44,000.00	\$44,000.00
26	P-102-4.2.6	Initial Mobilization - Phase 6	1	LS	\$92,000.00	\$92,000.00	\$92,000.00	\$92,000.00
27	P-102-4.2.7	Initial Mobilization - Phase 7	1	LS	\$71,000.00	\$71,000.00	\$71,000.00	\$71,000.00
28	P-102-4.2.8	Initial Mobilization - Phase 8	1	LS	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
29	P-102-4.2.9	Initial Mobilization - Phase 9	1	LS	\$142,000.00	\$142,000.00	\$142,000.00	\$142,000.00
30	P-152-4.1	Unclassified Excavation	82,395	CY	\$6.50	\$535,567.50	\$9.52	\$784,400.40
31	P-152-4.2	Crushed Rock for Subgrade Stabilization	25,000	TN	\$30.00	\$750,000.00	\$29.71	\$742,750.00
32	P-152-4.3	Exploratory Excavation	100	HR	\$250.00	\$25,000.00	\$150.12	\$15,012.00
33	P-153-7.1	Controlled Low Strength Material	140	CY	\$150.00	\$21,000.00	\$122.59	\$17,162.60
34	P-154-5.1.1	17-inch Subbase Course	65,687	SY	\$9.00	\$591,183.00	\$15.77	\$1,035,883.99
35	P-154-5.1.2	26-Inch to 34-Inch Subbase Course	14,738	SY	\$15.00	\$221,070.00	\$17.60	\$259,388.80
36	P-154-5.2	Filter Fabric for Subgrade Course	80,425	SY	\$1.50	\$120,637.50	\$4.04	\$324,917.00
37	P-154-5.3	Stabilization Fabric for Subgrade Course	40,000	SY	\$1.50	\$60,000.00	\$3.30	\$132,000.00
38	P-156-5.1.1	Install and Remove Temporary Silt Fence	100	LF	\$5.00	\$500.00	\$3.31	\$331.00
39	P-156-5.1.2	Construct and Remove Temporary Silt Fence for Area Inlets	32	EA	\$100.00	\$3,200.00	\$220.76	\$7,064.32
40	P-156-5.1.3	Construct Double Silt Fence for Area Inlets	32	EA	\$200.00	\$6,400.00	\$441.53	\$14,128.96
41	F-162-5.1.1	Reconstruct 8' Chain-Link Fence from Salvaged Material	25	LF	\$40.00	\$1,000.00	\$32.01	\$800.25
42	F-162-5.2	Remove and Salvage 8' Chain-Link Fence	25	LF	\$20.00	\$500.00	\$32.01	\$800.25
43	F-162-5.3	Construct and Remove Temporary 8' Chain-Link Swing Gate	1	EA	\$2,200.00	\$2,200.00	\$2,069.67	\$2,069.67
44	P-207-4.1	8" Crushed Aggregate Base Course	18,422	SY	\$11.00	\$202,642.00	\$13.94	\$256,802.68
45	P-208-5.1	6" Crushed Aggregate Base Course for PCC Pavement	66,037	SY	\$11.50	\$759,425.50	\$17.20	\$1,135,836.40
46	P-304-8.1	6" Cement Treated Base Course	65,687	SY	\$15.00	\$985,305.00	\$17.49	\$1,148,865.63
47	P-402-11.1	Bituminous Surface Course	913	TN	\$350.00	\$319,550.00	\$133.39	\$121,785.07
48	P-403-11.1	4" Bituminous Surface Course	18,302	SY	\$25.00	\$457,550.00	\$27.36	\$500,742.72
49	P-501-8.1.1	17" Plain or Reinforced Portland Cement Concrete Pavement	66,074	SY	\$90.00	\$5,946,660.00	\$83.40	\$5,510,571.60
50	P-501-8.1.2	14" Plain or Reinforced Portland Cement Concrete Pavement	176	SY	\$75.00	\$13,200.00	\$69.47	\$12,226.72
51	P-501-8.1.3	12" Plain or Reinforced Portland Cement Concrete Pavement	416	SY	\$70.00	\$29,120.00	\$53.40	\$22,214.40
52	P-501-8.1.4	6" Reinforced Portland Cement Concrete Pavement	1,657	SY	\$40.00	\$66,280.00	\$44.56	\$73,835.92
53	P-603-5.1	Bituminous Tack Coat	500	GL	\$5.00	\$2,500.00	\$6.68	\$3,340.00

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					Unit Price	Amount	Unit Price	Amount
54	P-620-5.1.1	Runway and Taxiway Painting with Reflective Media - Yellow	43,631	SF	\$1.25	\$54,538.75	\$1.00	\$43,631.00
55	P-620-5.1.2	Runway and Taxiway Painting - Black Outline	41,970	SF	\$1.25	\$52,462.50	\$0.95	\$39,871.50
56	P-620-5.1.3	SIDA Painting - Blue	1,942	SF	\$2.50	\$4,855.00	\$1.21	\$2,349.82
57	P-620-5.1.4	Temporary Taxiway Painting - White/Yellow	9,823	SF	\$1.00	\$9,823.00	\$0.78	\$7,661.94
58	P-620-5.1.5	Access Road Painting - White	148	SF	\$6.00	\$888.00	\$2.21	\$327.08
59	P-620-5.1.6	Runway and Taxiway Painting with Reflective Media - White	148	SF	\$1.25	\$185.00	\$6.62	\$979.76
60	P-620-5.1.7	Runway and Taxiway Painting with Reflective Media - Red	448	SF	\$2.50	\$1,120.00	\$5.52	\$2,472.96
61	P-620-5.1.8	Lead In Line Designation Painting	11	EA	\$200.00	\$2,200.00	\$165.57	\$1,821.27
62	P-620-5.2	Runway and Taxiway Painting Removal	45,459	SF	\$1.50	\$68,188.50	\$1.21	\$55,005.39
63	D-701-5.1.1	18" RCP Storm Sewer (Class III)	2,559	LF	\$35.00	\$89,565.00	\$83.02	\$212,448.18
64	D-701-5.1.2	24" RCP Storm Sewer (Class III)	1,557	LF	\$55.00	\$85,635.00	\$104.31	\$162,410.67
65	D-701-5.1.3	30" RCP Storm Sewer (Class III)	550	LF	\$85.00	\$46,750.00	\$126.43	\$69,536.50
66	D-701-5.1.4	36" RCP Storm Sewer (D0.01=1350 lb.)	191	LF	\$110.00	\$21,010.00	\$146.19	\$27,922.29
67	D-701-5.2.1	Crushed Rock Bedding for 18" RCP	2,559	LF	\$15.00	\$38,385.00	\$20.39	\$52,178.01
68	D-701-5.2.2	Crushed Rock Bedding for 24" RCP	1,557	LF	\$20.00	\$31,140.00	\$45.35	\$70,609.95
69	D-701-5.2.3	Crushed Rock Bedding for 30" RCP	550	LF	\$25.00	\$13,750.00	\$73.43	\$40,386.50
70	D-701-5.2.4	Crushed Rock Bedding for 36" RCP	191	LF	\$30.00	\$5,730.00	\$45.69	\$8,726.79
71	D-701-5.3	Crushed Rock for Trench Stabilization With Fabric	250	TN	\$35.00	\$8,750.00	\$37.51	\$9,377.50
72	D-701-5.4.1	Cast-In-Place Pipe Plug	7	EA	\$650.00	\$4,550.00	\$820.60	\$5,744.20
73	D-701-5.4.2	Construct 24" Pipe Plug	3	EA	\$500.00	\$1,500.00	\$856.89	\$2,570.67
74	D-701-5.4.3	Construct 36" Pipe Plug	1	EA	\$600.00	\$600.00	\$933.42	\$933.42
75	D-701-5.5	Construct 24" Pipe Collar	1	EA	\$750.00	\$750.00	\$674.21	\$674.21
76	D-701-5.6	Tap Existing 84" Storm Sewer	1	EA	\$900.00	\$900.00	\$1,919.36	\$1,919.36
77	D-702-5.1	18" Slotted Drain	350	LF	\$225.00	\$78,750.00	\$406.72	\$142,352.00
78	D-705-5.1	6" Perforated Pipe Underdrain System	7,433	LF	\$14.00	\$104,062.00	\$20.63	\$153,342.79
79	D-705-5.2	Construct Underdrain Backflow Preventer	13	EA	\$1,650.00	\$21,450.00	\$1,189.89	\$15,468.57
80	D-705-5.3	6" Underdrain Pipe Connection to Storm Sewer Inlet/Manhole	13	EA	\$400.00	\$5,200.00	\$281.54	\$3,660.02
81	D-751-5.1.1	Single Grate 54" Area Inlet	19	EA	\$4,800.00	\$91,200.00	\$4,907.90	\$93,250.10
82	D-751-5.1.2	Double Grate 84" Apron Area Inlet	2	EA	\$15,000.00	\$30,000.00	\$15,226.67	\$30,453.34
83	D-751-5.1.3	Underdrain Inspection Holes	41	EA	\$800.00	\$32,800.00	\$752.22	\$30,841.02
84	D-751-5.1.4	Construct 48" I.D. Flattop Manhole	3	EA	\$5,000.00	\$15,000.00	\$5,407.77	\$16,223.31
85	D-751-5.1.5	Construct 54" I.D. Flattop Manhole	2	EA	\$6,000.00	\$12,000.00	\$5,617.94	\$11,235.88
86	D-751-5.2	Pipe Connection To Existing Inlet/Manhole	3	EA	\$1,200.00	\$3,600.00	\$774.86	\$2,324.58
87	D-751-5.3.1	Modify 24" Side Saddle Storm Manhole	1	EA	\$1,500.00	\$1,500.00	\$1,768.98	\$1,768.98
88	D-751-5.3.2	Modify 48" Side Saddle Storm Manhole, Type A	2	EA	\$1,800.00	\$3,600.00	\$2,915.06	\$5,830.12
89	D-751-5.3.3	Modify 48" Side Saddle Storm Manhole, Type B	2	EA	\$2,400.00	\$4,800.00	\$5,951.02	\$11,902.04
90	D-751-5.3.4	Modify 48" Side Saddle Storm Manhole, Type B w/ Open Grate	1	EA	\$2,400.00	\$2,400.00	\$5,672.36	\$5,672.36
91	D-751-5.3.5	Modify 48" Side Saddle Storm Manhole, Type C	2	EA	\$2,400.00	\$4,800.00	\$1,434.98	\$2,869.96
92	D-751-5.3.6	Modify Sanitary Manhole, Type A	9	EA	\$1,500.00	\$13,500.00	\$3,314.23	\$29,828.07
93	D-751-5.3.7	Modify Sanitary Manhole, Type B	3	EA	\$1,500.00	\$4,500.00	\$1,916.11	\$5,748.33
94	T-901-5.1.1	Drill Seeding	48	AC	\$600.00	\$28,800.00	\$883.06	\$42,386.88
95	T-901-5.1.2	Temporary Seeding	48	AC	\$125.00	\$6,000.00	\$386.34	\$18,544.32
96	T-905-5.1	Strip, Stockpile and Respread Topsoil	8,000	CY	\$2.25	\$18,000.00	\$1.66	\$13,280.00
97	T-905-5.2	Strip and Waste Topsoil	5,000	CY	\$2.25	\$11,250.00	\$1.66	\$8,300.00
98	T-905-5.3	Strip, Stockpile and Respread Topsoil -- Waste Area	24,500	CY	\$2.25	\$55,125.00	\$1.66	\$40,670.00
99	T-905-5.4	Strip & Respread Topsoil	700	CY	\$2.25	\$1,575.00	\$0.83	\$581.00
100		Remove Fiber Optic Cable	7,000	LF	\$0.20	\$1,400.00	\$0.49	\$3,430.00
101		Remove Taxiway Light & Transformer, Complete	136	EA	\$50.00	\$6,800.00	\$69.54	\$9,457.44
102		Remove Guidance Sign & Transformer, Complete	26	EA	\$65.00	\$1,690.00	\$133.56	\$3,472.56
103		Remove Guidance Sign Pad & Base, Complete	22	EA	\$60.00	\$1,320.00	\$133.56	\$2,938.32
104		Remove L-824 Cable from Existing Duct	47,000	LF	\$0.30	\$14,100.00	\$0.49	\$23,030.00
105		3/8" Blank Steel Cover on existing L-867B base, Installed	11	EA	\$30.00	\$330.00	\$76.16	\$837.76
106		L-867D Pull Box w/3/4" Steel Cover, Installed	9	EA	\$820.00	\$7,380.00	\$685.47	\$6,169.23
107		L-861 Taxiway Edge Light on L-867 Base w/Transf, Installed	155	EA	\$950.00	\$147,250.00	\$1,055.25	\$163,563.75
108		L-852C Taxiway Centerline Light w/Transf in Existing L-868 Base, Installed	3	EA	\$600.00	\$1,800.00	\$726.31	\$2,178.93
109		L-852C Taxiway Centerline Light in L-868 Base w/Transf, Installed	47	EA	\$1,400.00	\$65,800.00	\$1,558.60	\$73,254.20
110		L-852D Taxiway Centerline Light in L-868 Base w/Transf, Installed	144	EA	\$1,450.00	\$208,800.00	\$1,580.67	\$227,616.48

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ITEM NO.	A.C. ITEM NO.	ITEM DESCRIPTION	APPROXIMATE QUANTITY		ENGINEERS ESTIMATE		HAWKINS CONSTRUCTION	
					Unit Price	Amount	Unit Price	Amount
111		L-858 Guidance Sign, Size 2, 3-Module w/ Transformer, Installed	11	EA	\$3,000.00	\$33,000.00	\$3,259.59	\$35,855.49
112		L-858 Guidance Sign, Size 2, 2-Module w/ Transformer, Installed	11	EA	\$2,400.00	\$26,400.00	\$2,411.85	\$26,530.35
113		L-858 Guidance Sign, Size 2, 1-Module w/ Transformer, Installed	3	EA	\$1,800.00	\$5,400.00	\$2,036.55	\$6,109.65
114		Guidance Sign Pad & L-867 Base, Size 2, 3-Module, Installed	9	EA	\$1,400.00	\$12,600.00	\$1,549.77	\$13,947.93
115		Guidance Sign Pad & L-867 Base, Size 2, 2-Module, Installed	8	EA	\$1,300.00	\$10,400.00	\$1,549.77	\$12,398.16
116		Guidance Sign Pad & L-867 Base, Size 2, 1-Module, Installed	3	EA	\$1,300.00	\$3,900.00	\$1,549.77	\$4,649.31
117		Extend Existing Guidance Sign Pad, Complete	1	EA	\$400.00	\$400.00	\$623.66	\$623.66
118	L-110-5.3	2" RGS Conduit, Installed under Existing Pavement	120	LF	\$15.00	\$1,800.00	\$22.19	\$2,662.80
119	L-110-5.1	2" PVC40 Conduit, Installed	12,100	LF	\$1.25	\$15,125.00	\$1.57	\$18,997.00
120	L-110-5.2	2" PVC40 Concrete Encased Conduit, Installed	4,100	LF	\$6.50	\$26,650.00	\$7.80	\$31,980.00
121	L-110-5.1	3" PVC40 Conduit, Installed	350	LF	\$3.00	\$1,050.00	\$3.57	\$1,249.50
122	L-110-5.2	3" Split PVC40 Concrete Encased Conduit, Installed	80	LF	\$22.00	\$1,760.00	\$22.90	\$1,832.00
123	L-110-5.1	4" PVC40 Conduit, Installed	5,300	LF	\$3.50	\$18,550.00	\$4.43	\$23,479.00
124	L-110-5.3	4" RGS Conduit, Installed under Existing Pavement	4,000	LF	\$50.00	\$200,000.00	\$29.76	\$119,040.00
125	L-108-5.1	Trenching & Backfill 18-24" Deep, Complete	12,100	LF	\$2.00	\$24,200.00	\$1.55	\$18,755.00
126	L-108-5.1	Trenching & Backfill 36" Deep, Complete	2,650	LF	\$2.50	\$6,625.00	\$2.21	\$5,856.50
127	L-108-5.3	Counterpoise System for Field Lighting, Installed	12,100	LF	\$1.75	\$21,175.00	\$1.66	\$20,086.00
128		Counterpoise System for FAA OSP Cable, Installed	2,650	LF	\$3.50	\$9,275.00	\$3.04	\$8,056.00
129		FAA Manhole, Installed	10	EA	\$5,000.00	\$50,000.00	\$8,830.58	\$88,305.80
130		Fiber Optic Cable, Installed and Terminated	1	LS	\$122,000.00	\$122,000.00	\$125,981.94	\$125,981.94
131		FAA Field Termination Unit (FTU), Pad Mounted, Installed	1	EA	\$9,000.00	\$9,000.00	\$12,191.72	\$12,191.72
132		FAA Field Termination Unit (FTU), Building Mounted, Installed	1	EA	\$9,500.00	\$9,500.00	\$27,319.60	\$27,319.60
133		FAA OSP Comm. Cable, 100 Pr, 19 Ga, Installed	8,000	LF	\$12.00	\$96,000.00	\$14.72	\$117,760.00
134	L-108-5.2	1/C, #8, 5 KV, L-824 Cable, Installed	78,400	LF	\$1.50	\$117,600.00	\$1.46	\$114,464.00
135	L-109-5.1	30kW L-828, 6.6A, 3-Step, Saturable Reactor Regulator, Installed	1	EA	\$36,000.00	\$36,000.00	\$21,395.25	\$21,395.25
136	L-109-5.1	10kW L-828, 6.6A, 3-Step, Saturable Reactor Regulator, Installed	1	EA	\$12,000.00	\$12,000.00	\$12,825.32	\$12,825.32
137	L-109-5.1	East Field Lighting Vault Electrical Work, Complete	1	LS	\$2,000.00	\$2,000.00	\$2,777.66	\$2,777.66
138	L-109-5.1	South Field Lighting Vault Electrical Work, Complete	1	LS	\$12,000.00	\$12,000.00	\$12,760.18	\$12,760.18
139		Airfield Lighting Control System (ALCS) Modifications, Complete	2	EA	\$10,000.00	\$20,000.00	\$15,449.36	\$30,898.72
140		Terminal Ramp Flood Lighting, Complete	1	LS	\$7,500.00	\$7,500.00	\$12,760.18	\$12,760.18
141	P-403-11.2	4" Bituminous Patching	100	SY	\$50.00	\$5,000.00	\$50.06	\$5,006.00
						\$14,968,196.25		\$16,690,800.82
					** Estimate includes Addendum 1			