

Bid Canvas

Reconstruct, Mark, Light, and Sign Runway 18-36 (Approx. 3,001 LF x 60 FT), Parallel Taxiway 'A' (Approx. 3,195 LF x 25 FT), and Stub Taxiways (Approx. 107 LF x 25 FT EA); Install Runway End Identifier Lights (REILs); Construct New Airfield Electrical Vault; and Remove Obstructions
AIP No. 3-25-0020-XXX-2022 (Pending)
Gardner Municipal Airport
Gardner, Massachusetts
April 27, 2021



Base Bid				Engineer's Estimate of Cost (EEOC)		ET&L Corporation		Gerber Construction		J.H. Lynch & Sons		J.L. Raymakers & Sons		Northern Construction	
ITEM #	DESCRIPTION OF ITEM	QUANTITY		UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
		UNIT	AMOUNT												
M-001-1	Record Drawings and Final Survey	LS	1.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$200,000.00	\$200,000.00	\$16,000.00	\$16,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00
M-001-2	Project Photography	LS	1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00
M-001-3	Orange Construction Fence	LF	1,850.00	\$3.50	\$6,475.00	\$11.50	\$21,275.00	\$3.94	\$7,289.00	\$4.00	\$7,400.00	\$5.00	\$9,250.00	\$5.75	\$10,637.50
M-002-1	Block Retaining Wall	LS	1.00	\$30,000.00	\$30,000.00	\$65,000.00	\$65,000.00	\$20,683.02	\$20,683.02	\$62,000.00	\$62,000.00	\$24,000.00	\$24,000.00	\$70,000.00	\$70,000.00
C-100-1	Contractor Quality Control Program (CQCP)	LS	1.00	\$100,000.00	\$100,000.00	\$70,000.00	\$70,000.00	\$37,500.00	\$37,500.00	\$10,675.00	\$10,675.00	\$42,200.00	\$42,200.00	\$85,000.00	\$85,000.00
C-102-1	Temporary Seeding and Mulching	SY	7,800.00	\$0.50	\$3,900.00	\$1.05	\$8,190.00	\$2.25	\$17,550.00	\$0.50	\$3,900.00	\$1.20	\$9,360.00	\$1.50	\$11,700.00
C-102-2	Fertilizing	TON	4.00	\$1,000.00	\$4,000.00	\$3,200.00	\$12,800.00	\$4,250.00	\$17,000.00	\$3,100.00	\$12,400.00	\$3,000.00	\$12,000.00	\$3,000.00	\$12,000.00
C-102-3	Installation and Removal of Silt Fence	LF	4,800.00	\$5.00	\$24,000.00	\$5.50	\$26,400.00	\$5.87	\$28,176.00	\$5.00	\$24,000.00	\$6.00	\$28,800.00	\$5.40	\$25,920.00
C-102-4	Inlet Protection	EA	3.00	\$250.00	\$750.00	\$400.00	\$1,200.00	\$400.00	\$1,200.00	\$450.00	\$1,350.00	\$95.00	\$285.00	\$330.00	\$990.00
C-102-5	Excelsior Matting	SY	2,500.00	\$3.00	\$7,500.00	\$7.25	\$18,125.00	\$2.89	\$7,225.00	\$7.00	\$17,500.00	\$3.00	\$7,500.00	\$6.00	\$15,000.00
C-102-6	Straw Bales	EA	115.00	\$30.00	\$3,450.00	\$50.00	\$5,750.00	\$38.78	\$4,459.70	\$40.00	\$4,600.00	\$40.00	\$4,600.00	\$45.00	\$5,175.00
C-102-7	Stormwater Pollution Prevention Plan (SWPPP)	LS	1.00	\$30,000.00	\$30,000.00	\$12,500.00	\$12,500.00	\$37,500.00	\$37,500.00	\$7,200.00	\$7,200.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00
C-105-1	Mobilization	LS	1.00	\$200,000.00	\$200,000.00	\$450,000.00	\$450,000.00	\$508,000.00	\$508,000.00	\$520,000.00	\$520,000.00	\$278,200.00	\$278,200.00	\$580,000.00	\$580,000.00
C-105-2	Engineer/RPR Field Office and Equipment	LS	1.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$26,161.82	\$26,161.82	\$28,600.00	\$28,600.00	\$5,000.00	\$5,000.00	\$20,400.00	\$20,400.00
P-101-1	Pavement Removal	SY	37,000.00	\$4.00	\$148,000.00	\$4.00	\$148,000.00	\$3.60	\$133,200.00	\$7.50	\$277,500.00	\$1.80	\$66,600.00	\$4.25	\$157,250.00
P-101-2	Cold Milling	SY	400.00	\$50.00	\$20,000.00	\$23.00	\$9,200.00	\$29.87	\$11,948.00	\$30.00	\$12,000.00	\$16.00	\$6,400.00	\$22.00	\$8,800.00
P-101-3	Removal of Buried Structures	EA	25.00	\$500.00	\$12,500.00	\$850.00	\$21,250.00	\$366.73	\$9,168.25	\$825.00	\$20,625.00	\$500.00	\$12,500.00	\$620.00	\$15,500.00
P-101-4	Removal of Pipes/Ducts	LF	1,100.00	\$10.00	\$11,000.00	\$22.00	\$24,200.00	\$9.11	\$10,021.00	\$33.00	\$36,300.00	\$14.00	\$15,400.00	\$24.00	\$26,400.00
P-151-1	Clearing	AC	0.50	\$5,000.00	\$2,500.00	\$15,000.00	\$7,500.00	\$8,000.00	\$4,000.00	\$30,000.00	\$15,000.00	\$7,500.00	\$3,750.00	\$50,000.00	\$25,000.00
P-151-2	Tree Removal	EA	20.00	\$2,500.00	\$50,000.00	\$1,550.00	\$31,000.00	\$1,048.66	\$20,973.20	\$100.00	\$2,000.00	\$125.00	\$2,500.00	\$1,600.00	\$32,000.00
P-152-1	Unclassified Excavation	CY	30,000.00	\$5.00	\$150,000.00	\$17.50	\$525,000.00	\$16.95	\$508,500.00	\$21.00	\$630,000.00	\$20.00	\$600,000.00	\$27.00	\$810,000.00
P-152-2	Embankment in Place	CY	1,200.00	\$5.00	\$6,000.00	\$10.00	\$12,000.00	\$12.55	\$15,060.00	\$13.00	\$15,600.00	\$19.85	\$23,820.00	\$12.00	\$14,400.00
P-154-1	Subbase Course	CY	700.00	\$30.00	\$21,000.00	\$45.00	\$31,500.00	\$24.94	\$17,458.00	\$58.00	\$40,600.00	\$66.00	\$46,200.00	\$32.00	\$22,400.00
P-208-1	Aggregate Base Course	CY	6,000.00	\$65.00	\$390,000.00	\$64.00	\$384,000.00	\$34.13	\$204,780.00	\$27.00	\$162,000.00	\$66.00	\$396,000.00	\$70.00	\$420,000.00
P-403-1	Asphalt Base and Surface Course	TON	7,000.00	\$120.00	\$840,000.00	\$125.00	\$875,000.00	\$112.50	\$787,500.00	\$145.00	\$1,015,000.00	\$131.90	\$923,300.00	\$115.00	\$805,000.00
P-603-1	Emulsified Asphalt Tack Coat	GAL	2,200.00	\$6.00	\$13,200.00	\$6.25	\$13,750.00	\$6.50	\$14,300.00	\$3.00	\$6,600.00	\$6.75	\$14,850.00	\$7.00	\$15,400.00
P-605-1	Joint Sealing Filler	LF	900.00	\$30.00	\$27,000.00	\$5.75	\$5,175.00	\$5.00	\$4,500.00	\$9.00	\$8,100.00	\$1.50	\$1,350.00	\$18.00	\$16,200.00
P-620-1	Surface Preparation	LS	1.00	\$5,000.00	\$5,000.00	\$5,700.00	\$5,700.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00	\$6,160.00	\$6,160.00	\$8,700.00	\$8,700.00
P-620-2	Temporary Markings	SF	4,800.00	\$1.50	\$7,200.00	\$1.60	\$7,680.00	\$1.50	\$7,200.00	\$1.00	\$4,800.00	\$1.76	\$8,448.00	\$3.10	\$14,880.00
P-620-3	Markings	SF	17,500.00	\$3.00	\$52,500.00	\$1.90	\$33,250.00	\$1.80	\$31,500.00	\$3.25	\$56,875.00	\$2.20	\$38,500.00	\$3.10	\$54,250.00
P-620-4	Reflective Media	LB	700.00	\$10.00	\$7,000.00	\$7.80	\$5,460.00	\$7.50	\$5,250.00	\$9.00	\$6,300.00	\$8.40	\$5,880.00	\$10.00	\$7,000.00
P-620-5	Marking Removal	SF	100.00	\$2.50	\$250.00	\$18.25	\$1,825.00	\$5.00	\$500.00	\$2.00	\$200.00	\$5.75	\$575.00	\$2.30	\$230.00
D-701-1	12" Reinforced Concrete Pipe	LF	430.00	\$75.00	\$32,250.00	\$90.00	\$38,700.00	\$52.12	\$22,411.60	\$70.00	\$30,100.00	\$90.00	\$38,700.00	\$115.00	\$49,450.00
D-752-1	Flared End Section	EA	6.00	\$1,500.00	\$9,000.00	\$3,500.00	\$21,000.00	\$1,627.07	\$9,762.42	\$4,000.00	\$24,000.00	\$1,600.00	\$9,600.00	\$4,700.00	\$28,200.00
T-901-1	Seeding	SY	78,000.00	\$0.75	\$58,500.00	\$1.15	\$89,700.00	\$2.25	\$175,500.00	\$1.00	\$78,000.00	\$1.14	\$88,920.00	\$2.20	\$171,600.00
T-905-1	Topsoil (Respread)	CY	6,500.00	\$25.00	\$162,500.00	\$40.00	\$260,000.00	\$15.91	\$103,415.00	\$33.00	\$214,500.00	\$16.00	\$104,000.00	\$45.00	\$292,500.00
T-905-2	Topsoil (Borrow)	CY	2,200.00	\$40.00	\$88,000.00	\$1.00	\$2,200.00	\$15.91	\$35,002.00	\$52.00	\$114,400.00	\$7.00	\$15,400.00	\$25.00	\$55,000.00
L-107-1	Primary Windcone	LS	1.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$21,000.00	\$21,000.00	\$19,000.00	\$19,000.00	\$17,360.00	\$17,360.00	\$25,000.00	\$25,000.00
L-108-1	#8 AWG, 5kV L-824, Type C Cable	LF	17,000.00	\$2.00	\$34,000.00	\$1.95	\$33,150.00	\$2.55	\$43,350.00	\$1.90	\$32,300.00	\$2.08	\$35,360.00	\$2.20	\$37,400.00
L-108-2	#6 AWG, Solid Bare Copper Counterpoise	LF	13,000.00	\$5.00	\$65,000.00	\$3.25	\$42,250.00	\$5.25	\$68,250.00	\$3.10	\$40,300.00	\$3.48	\$45,240.00	\$3.50	\$45,500.00
L-108-3	#6 AWG, 600V Stranded Copper Conductor	LF	9,600.00	\$2.75	\$26,400.00	\$3.95	\$37,920.00	\$2.75	\$26,400.00	\$3.80	\$36,480.00	\$4.22	\$40,512.00	\$4.40	\$42,240.00
L-108-4	#6 AWG, 600V Stranded Grounding Electrode	LF	5,000.00	\$2.75	\$13,750.00	\$3.95	\$19,750.00	\$2.75	\$13,750.00	\$3.80	\$19,000.00	\$4.22	\$21,100.00	\$4.40	\$22,000.00
L-108-5	#2 AWG, 600V Stranded Copper Conductor	LF	600.00	\$3.00	\$1,800.00	\$5.80	\$3,480.00	\$5.50	\$3,300.00	\$5.60	\$3,360.00	\$6.22	\$3,732.00	\$6.50	\$3,900.00
L-105-6	#10 AWG, 600V Stranded Copper Conductor	LF	400.00	\$2.00	\$800.00	\$2.80	\$1,120.00	\$1.50	\$600.00	\$2.70	\$1,080.00	\$3.00	\$1,200.00	\$3.10	\$1,240.00
L-109-1	Precast Electrical Vault and Foundation	LS	1.00	\$250,000.00	\$250,000.00	\$425,000.00	\$425,000.00	\$400,000.00	\$400,000.00	\$415,000.00	\$415,000.00	\$386,736.00	\$386,736.00	\$470,000.00	\$470,000.00
L-110-1	4" 4-way Concrete Encased Electrical Ductbank	LF	500.00	\$90.00	\$45,000.00	\$135.00	\$67,500.00	\$122.22	\$61,110.00	\$130.00	\$65,000.00	\$140.00	\$70,000.00	\$140.00	\$70,000.00
L-110-2	4" 4-way Unencased Electrical Ductbank	LF	300.00	\$65.00	\$19,500.00	\$105.00	\$31,500.00	\$79.74	\$23,922.00	\$81.00	\$24,300.00	\$90.72	\$27,216.00	\$90.00	\$27,000.00
L-110-3	4" 2-way Unencased Electrical Ductbank	LF	3,700.00	\$55.00	\$203,500.00	\$62.00	\$229,400.00	\$47.37	\$175,269.00	\$55.00	\$203,500.00	\$60.50	\$223,850.00	\$62.00	\$229,400.00
L-110-4	2" 1-way Unencased Electrical Ductbank	LF	14,000.00	\$25.00	\$350,000.00	\$13.00	\$182,000.00	\$24.87	\$348,180.00	\$11.00	\$154,000.00	\$11.99	\$167,860.00	\$12.50	\$175,000.00
L-115-1	Electrical Handhole	EA	32.00	\$2,500.00	\$80,000.00	\$6,800.00	\$217,600.00	\$5,500.00	\$176,000.00	\$7,700.00	\$246,400.00	\$7,040.00	\$225,280.00	\$7,500.00	\$240,000.00
L-115-2	Electrical Junction Can	EA	5.00	\$1,000.00	\$5,000.00	\$1,200.00	\$6,000.00	\$1,950.00	\$9,750.00	\$1,050.00	\$5,250.00	\$1,144.00	\$5,720.00	\$1,200.00	\$6,000.00
L-125-1	Runway Edge Light (Base Mounted)	EA	28.00	\$1,600.00	\$44,800.00	\$1,675.00	\$46,900.00	\$2,250.00	\$63,000.00	\$1,800.00	\$50,400.00	\$1,639.00	\$45,892.00	\$1,700.00	\$47,600.00
L-125-2	Runway Threshold Light (Base Mounted)	EA	12.00	\$2,200.00	\$26,400.00	\$1,680.00	\$20,160.00	\$2,250.00	\$27,000.00	\$1,800.00	\$21,600.00	\$1,648.00	\$19,776.00	\$1,700.00	\$20,400.00

Bid Canvas

Reconstruct, Mark, Light, and Sign Runway 18-36 (Approx. 3,001 LF x 60 FT), Parallel Taxiway 'A' (Approx. 3,195 LF x 25 FT), and Stub Taxiways (Approx. 107 LF x 25 FT EA); Install Runway End Identifier Lights (REILs); Construct New Airfield Electrical Vault; and Remove Obstructions
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ITEM #	DESCRIPTION OF ITEM	QUANTITY		UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL	UNIT	TOTAL
		UNIT	AMOUNT												
L-125-3	Taxiway Edge Light (Base Mounted)	EA	125.00	\$1,350.00	\$168,750.00	\$1,625.00	\$203,125.00	\$2,100.00	\$262,500.00	\$1,725.00	\$215,625.00	\$1,649.00	\$206,125.00	\$1,600.00	\$200,000.00
L-125-4	Airfield Guidance Sign (1 Module)	EA	6.00	\$7,500.00	\$45,000.00	\$6,600.00	\$39,600.00	\$6,150.00	\$36,900.00	\$7,200.00	\$43,200.00	\$6,600.00	\$39,600.00	\$7,000.00	\$42,000.00
L-125-5	Airfield Guidance Sign (2 Module)	EA	10.00	\$9,000.00	\$90,000.00	\$7,900.00	\$79,000.00	\$7,950.00	\$79,500.00	\$8,825.00	\$88,250.00	\$8,085.00	\$80,850.00	\$8,500.00	\$85,000.00
L-125-6	Airfield Guidance Sign (3 Module)	EA	6.00	\$10,500.00	\$63,000.00	\$10,700.00	\$64,200.00	\$9,425.00	\$56,550.00	\$11,900.00	\$71,400.00	\$10,890.00	\$65,340.00	\$11,500.00	\$69,000.00
L-125-7	Runway End Identifier Lights (18 and 36 Ends)	LS	1.00	\$50,000.00	\$50,000.00	\$45,000.00	\$45,000.00	\$105,550.00	\$105,550.00	\$36,600.00	\$36,600.00	\$33,550.00	\$33,550.00	\$50,000.00	\$50,000.00
Base Bid Construction Total =				\$4,201,175.00		\$5,123,985.00		\$5,082,075.01		\$5,298,670.00		\$4,631,347.00		\$5,852,662.50	