

E.F. Knapp State Airport, Berlin, AIR04-3216
 Extension of Taxiway A, Reconstruction of Runway 5-23 & Terminal Apron Reconstruction and Expansion
 AIP No. 3-50-0001-011-2009
 PREPARED BY: DUBOIS & KING, INC
 100 PERIMETER ROAD
 NASHUA, NH 03063

Bid Quantities PIKE INDUSTRIES J.A. MCDONALD ALVIN COLEMAN SARGENT CORP.

BASE BID

ITEM NO.	DESCRIPTION	UNIT	ESTIMATE QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
G-001.1	Engineers Field Office	LS	1	\$20,000.00	\$20,000.00	\$13,000.00	\$13,000.00	\$15,450.00	\$15,450.00	\$35,000.00	\$35,000.00
G-001.2	Mobilization	LS	1	\$900,000.00	\$900,000.00	\$490,000.00	\$490,000.00	\$300,000.00	\$300,000.00	\$380,000.00	\$380,000.00
P-151.1	Clearing & Grubbing	CY	134200	\$3,000.00	\$3,926,000.00	\$5,000.00	\$6,710,000.00	\$3,325.00	\$4,472,000.00	\$20,000.00	\$2,690,000.00
P-152.1	Unclassified Excavation	CY	1000	\$18.00	\$18,000.00	\$4.50	\$4,500.00	\$16.00	\$16,000.00	\$15.00	\$15,000.00
P-152.2	Unsuitable Material Removal & Replacement	CY	1000	\$18.00	\$18,000.00	\$4.50	\$4,500.00	\$16.00	\$16,000.00	\$15.00	\$15,000.00
P-152.3	Remove Bituminous Pavement	SY	60000	\$0.75	\$45,000.00	\$0.60	\$36,000.00	\$1.22	\$73,200.00	\$0.75	\$45,000.00
P-154.1	Subbase Course	CY	49000	\$18.00	\$882,000.00	\$18.00	\$882,000.00	\$17.04	\$834,960.00	\$34.00	\$1,666,000.00
P-156.1	Owners EPSC Plan	LS	1	\$2,500.00	\$2,500.00	\$25,000.00	\$25,000.00	\$34,975.00	\$34,975.00	\$40,000.00	\$40,000.00
P-156.2	Temp. Erosion Control Matting	SY	26000	\$0.80	\$20,800.00	\$1.25	\$32,500.00	\$0.91	\$23,660.00	\$2.00	\$52,000.00
P-156.3	Temp. Stone Check Dam, Type 1	CY	70	\$70.00	\$4,900.00	\$100.00	\$7,000.00	\$25.75	\$1,802.50	\$70.00	\$4,900.00
P-159.4	Vehicle Tracking Pad	CY	200	\$60.00	\$12,000.00	\$50.00	\$10,000.00	\$25.00	\$5,000.00	\$32.00	\$6,400.00
P-156.5	Barrier Fence	LF	23000	\$0.50	\$11,500.00	\$0.40	\$9,200.00	\$2.05	\$47,350.00	\$6.30	\$144,600.00
P-156.6	Erosion Log	LF	1600	\$5.00	\$8,000.00	\$3.50	\$5,600.00	\$2.58	\$4,128.00	\$5.70	\$9,120.00
P-156.7	Silt Fence	LF	3000	\$2.50	\$7,500.00	\$2.50	\$7,500.00	\$8.24	\$24,720.00	\$3.00	\$9,000.00
P-156.8	Bonded Fiber Matrix	SY	2500	\$1.00	\$2,500.00	\$1.10	\$2,750.00	\$0.93	\$2,325.00	\$2.60	\$6,500.00
P-209.1	Crushed Aggregate Base Course	CY	9500	\$27.00	\$256,500.00	\$38.00	\$361,000.00	\$15.98	\$151,620.00	\$43.00	\$408,500.00
P-401.1	Airport Bituminous Surface Course	TON	13700	\$92.50	\$1,267,250.00	\$85.00	\$1,164,500.00	\$96.30	\$1,318,610.00	\$100.00	\$1,370,000.00
P-602.1	Bituminous Prime Coat	GAL	21000	\$3.00	\$63,000.00	\$4.48	\$94,080.00	\$1.00	\$21,000.00	\$4.00	\$84,000.00
P-603.1	Bituminous Tack Coat	GAL	9500	\$5.00	\$47,500.00	\$4.00	\$38,000.00	\$3.00	\$28,500.00	\$5.00	\$47,500.00
P-620.1	Pavement Painting	SF	13500	\$1.00	\$13,500.00	\$0.80	\$10,800.00	\$1.03	\$14,008.00	\$0.60	\$8,100.00
P-620.2	Remove Pavement Markings	SF	900	\$1.50	\$1,350.00	\$1.25	\$1,125.00	\$2.06	\$1,854.00	\$1.30	\$1,170.00
P-620.3	Temporary Pavement Painting	SF	1200	\$0.75	\$900.00	\$0.55	\$660.00	\$0.88	\$1,056.00	\$0.60	\$720.00
D-701.1	12" Drainage Pipe	LF	880	\$28.00	\$24,640.00	\$23.00	\$20,240.00	\$24.00	\$21,120.00	\$43.00	\$37,840.00
D-701.2	15" Drainage Pipe	LF	220	\$32.00	\$7,040.00	\$39.00	\$8,580.00	\$25.50	\$5,610.00	\$45.00	\$9,900.00
D-701.3	18" Drainage Pipe	LF	460	\$38.00	\$17,480.00	\$44.00	\$20,240.00	\$27.75	\$12,765.00	\$58.00	\$26,760.00
D-701.4	24" Drainage Pipe	LF	2000	\$40.00	\$80,000.00	\$45.00	\$90,000.00	\$32.78	\$65,520.00	\$97.00	\$194,000.00
D-701.5	30" Drainage Pipe	LF	250	\$55.00	\$13,750.00	\$55.00	\$13,750.00	\$34.83	\$8,707.50	\$65.00	\$16,250.00
D-701.6	36" Drainage Pipe	LF	110	\$60.00	\$6,600.00	\$57.00	\$6,270.00	\$48.00	\$5,280.00	\$99.00	\$10,890.00
D-701.7	Remove Existing Pipe	LF	3550	\$4.00	\$14,200.00	\$7.00	\$24,850.00	\$6.18	\$21,839.00	\$23.00	\$81,650.00
D-701.8	12" Concrete End Section	EA	1	\$750.00	\$750.00	\$600.00	\$600.00	\$470.00	\$470.00	\$1,300.00	\$1,300.00
D-701.9	24" Concrete End Section	EA	3	\$1,100.00	\$3,300.00	\$800.00	\$2,400.00	\$650.00	\$2,070.00	\$1,600.00	\$4,800.00
D-701.10	36" Concrete End Section	EA	1	\$1,600.00	\$1,600.00	\$1,400.00	\$1,400.00	\$1,135.00	\$1,135.00	\$2,900.00	\$2,900.00
D-701.11	18" Concrete End Section	EA	1	\$1,000.00	\$1,000.00	\$700.00	\$700.00	\$550.00	\$550.00	\$1,700.00	\$1,700.00
D-705.1	6" Underdrain Pipe	LF	11000	\$15.00	\$165,000.00	\$8.00	\$88,000.00	\$11.24	\$123,640.00	\$37.00	\$407,000.00
D-705.2	Underdrain Cleanouts	EA	50	\$850.00	\$42,500.00	\$600.00	\$30,000.00	\$310.00	\$15,500.00	\$400.00	\$20,000.00
D-705.3	24" Underdrain Pipe	LF	240	\$100.00	\$24,000.00	\$150.00	\$36,000.00	\$110.00	\$26,400.00	\$72.00	\$17,280.00
D-751.1	4" Dia Catch Basin	EA	14	\$4,000.00	\$56,000.00	\$2,600.00	\$36,400.00	\$2,785.00	\$38,990.00	\$4,300.00	\$60,200.00
D-751.2	6" Dia Catch Basin	EA	4	\$8,000.00	\$32,000.00	\$4,600.00	\$18,400.00	\$4,450.00	\$17,800.00	\$11,600.00	\$46,400.00
D-751.3	4" Dia Drainage Manhole	EA	2	\$4,300.00	\$8,600.00	\$3,000.00	\$6,000.00	\$2,610.00	\$5,220.00	\$5,400.00	\$10,800.00
D-751.4	5" Dia Drainage Manhole	EA	4	\$5,200.00	\$20,800.00	\$4,400.00	\$17,600.00	\$4,072.00	\$16,288.00	\$6,700.00	\$26,800.00
D-751.5	4" Dia Drain Inlet	EA	3	\$3,500.00	\$10,500.00	\$2,100.00	\$6,300.00	\$2,888.00	\$8,664.00	\$3,600.00	\$10,800.00
D-751.6	4" Dia Outlet Control Structure	EA	2	\$8,000.00	\$16,000.00	\$3,100.00	\$6,200.00	\$2,724.00	\$5,448.00	\$4,200.00	\$8,400.00
D-751.7	Remove of Existing Drainage Structure	EA	11	\$450.00	\$4,950.00	\$400.00	\$4,400.00	\$250.00	\$2,750.00	\$700.00	\$7,700.00
F-162.1	Remove & Reset Chainlink Fence	LF	900	\$8.00	\$7,200.00	\$12.00	\$10,800.00	\$7.20	\$6,480.00	\$7.50	\$6,750.00
F-162.2	Chainlink Fence	LF	200	\$20.00	\$4,000.00	\$16.00	\$3,200.00	\$18.54	\$3,708.00	\$19.00	\$3,800.00
L-107.1	12" Lighted Wind Cone	EA	1	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,725.00	\$7,725.00	\$8,000.00	\$8,000.00
L-107.2	12" Lighted Wind Cone	EA	2	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$5,150.00	\$10,300.00	\$5,500.00	\$11,000.00
L-108.1	11/2" x 3/4" x 1/2" Type C Cable Trench or Duct	LF	47000	\$0.85	\$39,950.00	\$0.65	\$30,550.00	\$1.45	\$68,550.00	\$1.00	\$47,000.00
L-108.2	#3 Bare Counterpoise Wire, in Trench or duct	LF	15000	\$1.50	\$22,500.00	\$1.50	\$22,500.00	\$1.55	\$23,250.00	\$1.60	\$24,000.00
L-108.3	Cable Trench	LF	15000	\$3.00	\$45,000.00	\$3.00	\$45,000.00	\$3.09	\$46,350.00	\$3.30	\$49,500.00
L-108.4	Cable Markers	EA	6	\$100.00	\$600.00	\$55.00	\$330.00	\$58.00	\$348.00	\$100.00	\$600.00
L-109.1	Airfield Transformer Vault Modifications	LS	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$48,930.00	\$48,930.00	\$50,000.00	\$50,000.00
L-110.1	4" 2-Way Concrete Encased Duct	LF	200	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.75	\$5,150.00	\$27.00	\$5,400.00
L-110.2	4" 4-Way Concrete Encased Duct	LF	320	\$35.00	\$11,200.00	\$35.00	\$11,200.00	\$38.05	\$12,256.00	\$38.00	\$12,160.00
L-110.3	3" 2-Way PVC Schedule 40 Unencased Duct	LF	40	\$23.00	\$920.00	\$23.00	\$920.00	\$23.70	\$948.00	\$25.00	\$1,000.00
L-110.4	3" 4-Way PVC Schedule 40 Unencased Duct	LF	1600	\$10.00	\$16,000.00	\$9.00	\$14,400.00	\$9.30	\$14,880.00	\$10.00	\$16,000.00
L-110.5	2" 4-Way Concrete Encased Duct	LF	54	\$5.00	\$270.00	\$5.00	\$270.00	\$5.00	\$270.00	\$5.00	\$270.00
L-110.6	Remove Existing Duct or Duct Bank	LF	200	\$15.00	\$3,000.00	\$15.00	\$3,000.00	\$15.45	\$3,090.00	\$16.00	\$3,200.00
L-110.7	4" 4-Way Directional Bore	LF	25	\$60.00	\$1,500.00	\$63.00	\$1,575.00	\$62.00	\$1,550.00	\$330.00	\$8,250.00
L-110.8	Duct Markers	EA	2	\$95.00	\$190.00	\$85.00	\$170.00	\$88.00	\$176.00	\$100.00	\$200.00
L-115.1	Airport Electric Handhole	EA	22	\$2,300.00	\$50,600.00	\$2,250.00	\$49,500.00	\$2,318.00	\$50,996.00	\$2,300.00	\$50,600.00
L-115.2	FAA Electric Handhole	EA	3	\$2,500.00	\$7,500.00	\$2,500.00	\$7,500.00	\$2,575.00	\$7,725.00	\$2,600.00	\$7,800.00
L-115.3	Remove Electric Manhole or Junction Structure	EA	4	\$250.00	\$1,000.00	\$250.00	\$1,000.00	\$258.00	\$1,032.00	\$300.00	\$1,200.00
L-115.4	Electric Manhole & Junction Structure Elev. Adj.	EA	2	\$750.00	\$1,500.00	\$900.00	\$1,800.00	\$772.00	\$1,544.00	\$800.00	\$1,600.00
L-858.1	Runway & Taxiway Sign, 1 Module	EA	14	\$3,000.00	\$42,000.00	\$3,100.00	\$43,400.00	\$3,000.00	\$42,000.00	\$3,000.00	\$42,000.00
L-858.2	Runway & Taxiway Sign, 2 Module	EA	9	\$4,000.00	\$36,000.00	\$4,100.00	\$36,900.00	\$4,000.00	\$36,000.00	\$4,000.00	\$36,000.00
L-858.3	Runway & Taxiway Sign, 3 Module	EA	17	\$5,000.00	\$85,000.00	\$5,100.00	\$86,700.00	\$5,000.00	\$85,000.00	\$5,000.00	\$85,000.00
L-858.4	Remove Existing Sign	EA	17	\$50.00	\$850.00	\$50.00	\$850.00	\$50.00	\$850.00	\$50.00	\$850.00
L-881.1	Base Mounted LED Taxiway Edge Light	EA	227	\$60.00	\$13,620.00	\$63.00	\$14,301.00	\$78.00	\$17,706.00	\$65.00	\$14,755.00
L-881.2	Base Mounted Runway Edge Light	EA	41	\$70.00	\$2,870.00	\$75.00	\$3,075.00	\$95.00	\$3,895.00	\$75.00	\$3,075.00
L-881.3	Remove Existing Lights & Reflectors	EA	94	\$10.00	\$940.00	\$10.00	\$940.00	\$10.30	\$968.20	\$12.00	\$1,128.00
L-882.1	Base Mounted Runway Edge Light	EA	2	\$700.00	\$1,400.00	\$745.00	\$1,490.00	\$995.00	\$1,990.00	\$750.00	\$1,500.00
M-101.1	Segmented Circle Airport Marker	LS	1	\$40,000.00	\$40,000.00	\$37,000.00	\$37,000.00	\$37,084.00	\$37,084.00	\$80,000.00	\$80,000.00
M-102.1	Trench Drain	LF	100	\$30.00	\$3,000.00	\$225.00	\$22,500.00	\$188.00	\$18,800.00	\$170.00	\$17,000.00
M-102.2	Trench Drain Catch Basin	EA	1	\$4,500.00	\$4,500.00	\$1,500.00	\$1,500.00	\$370.00	\$370.00	\$2,800.00	\$2,800.00
M-103.1	Reinforced Concrete Pad	SY	235	\$120.00	\$28,200.00	\$80.00	\$18,800.00	\$87.00	\$20,445.00	\$75.00	\$17,625.00
M-104.1	Staved Control Joints	LF	1400	\$2.60	\$3,640.00	\$2.25	\$3,150.00	\$3.00	\$4,200.00	\$3.00	\$4,200.00
M-105.1	Stone Fill Type I	CY	100	\$75.00	\$7,500.00	\$35.00	\$3,500.00	\$50.00	\$5,000.00	\$50.00	\$5,000.00
M-105.2	Stone Fill Type II	CY	2500	\$15.50	\$38,750.00	\$21.00	\$52,500.00	\$18			