



**Bid Tabulation**  
**Rehabilitate a Portion of Taxiway 'A' and Taxiway 'F'**  
**Manchester-Boston Regional Airport**

by: JPP  
 checked: SST  
 date: 8/27/2018

ITEM #	DESCRIPTION	BID QTY.	UNIT	Engineers Estimate		R.S. Audley	
				UNIT COST	COST	UNIT COST	COST
G-001-1	Safety and Phasing	1	LS	\$ 20,000.00	\$20,000	\$ 127,000.00	\$127,000
G-001-2	Contractors Safety Plan Compliance Document	1	LS	\$ 2,000.00	\$2,000	\$ 3,500.00	\$3,500
G-001-3	Gate Guard	1	AL	\$ 15,000.00	\$15,000	\$ 15,000.00	\$15,000
G-001-4	Safety Barricades	300	EA	\$ 100.00	\$30,000	\$ 200.00	\$60,000
G-001-5	Mobilization (5%)	1	LS	\$ 203,127.38	\$203,127	\$ 232,000.00	\$232,000
G-002-1	As-Built Plans	1	FLS	\$ 20,000.00	\$20,000	\$ 20,000.00	\$20,000
G-002-2	GIS Conversion	1	LS	\$ 7,500.00	\$7,500	\$ 3,000.00	\$3,000
G-002-3	Aerial Photographs	1	LS	\$ 10,000.00	\$10,000	\$ 4,000.00	\$4,000
M-001-1	Runway Down Time	1	AL	\$ 30,000.00	\$30,000	\$ 30,000.00	\$30,000
M-002-1	Bituminous Pavement Milling - 4" Nominal Depth	36,750	SY	\$ 5.00	\$183,750	\$ 4.75	\$174,563
M-003-1	Crack Sealing	4,000	LF	\$ 3.00	\$12,000	\$ 2.25	\$9,000
M-004-1	Stone Fill	210	CY	\$ 40.00	\$8,400	\$ 60.00	\$12,600
P-152-1	Unclassified Excavation	22,000	CY	\$ 10.00	\$220,000	\$ 6.00	\$132,000
P-152-2	Rock Excavation	10	CY	\$ 100.00	\$1,000	\$ 150.00	\$1,500
P-152-3	Removal of Heavy Duty Pavement	410	SY	\$ 15.00	\$6,150	\$ 6.00	\$2,460
P-152-4	Removal of Light Duty Pavement	15,100	SY	\$ 5.00	\$75,500	\$ 4.50	\$67,950
P-152-5	Removal of Pipes (>6")	750	LF	\$ 15.00	\$11,250	\$ 18.00	\$13,500
P-152-6	Removal of Structures	2	EA	\$ 1,500.00	\$3,000	\$ 450.00	\$900
P-152-7	Removal of Cable	1,500	LF	\$ 1.00	\$1,500	\$ 0.35	\$525
P-152-8	Embankment in Place	1,600	CY	\$ 12.00	\$19,200	\$ 7.50	\$12,000
P-153-1	Controlled Low Strength Material (CLSM)	25	CY	\$ 100.00	\$2,500	\$ 190.00	\$4,750
P-154-1	Subbase Course	9,150	CY	\$ 30.00	\$274,500	\$ 25.00	\$228,750
P-156-1	Stormwater Pollution Prevention Plan and Monitoring	1	LS	\$ 30,000.00	\$30,000	\$ 10,000.00	\$10,000
P-156-2	Sediment Barrier	2,600	LF	\$ 3.50	\$9,100	\$ 10.00	\$26,000
P-156-3	Inlet Protection	11	EA	\$ 350.00	\$3,850	\$ 450.00	\$4,950
P-156-4	Erosion Control Blankets	950	SY	\$ 3.00	\$2,850	\$ 2.00	\$1,900
P-209-1	Crushed Aggregate Base Course	4,100	CY	\$ 40.00	\$164,000	\$ 30.00	\$123,000
P-401-1	Bituminous Surface Course	10,100	TON	\$ 95.00	\$959,500	\$ 120.00	\$1,212,000
P-403-1	Bituminous Base Course	5,800	TON	\$ 80.00	\$464,000	\$ 100.00	\$580,000
P-603-1	Bituminous Tack Coat	10,550	GAL	\$ 3.50	\$36,925	\$ 3.50	\$36,925
P-605-1	Saw and Seal Bituminous Pavement Joints	6,300	LF	\$ 5.00	\$31,500	\$ 3.00	\$18,900

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				UNIT COST	COST	UNIT COST	COST
P-620-1	Permanent Pavement Markings	14,500	SF	\$ 2.50	\$36,250	\$ 2.20	\$31,900
P-620-2	Black Paint	9,400	SF	\$ 1.50	\$14,100	\$ 1.65	\$15,510
P-620-3	Surface Painted Signs	1,550	SF	\$ 5.00	\$7,750	\$ 3.30	\$5,115
P-620-4	Paint Marking Removal	2,600	SF	\$ 2.50	\$6,500	\$ 2.20	\$5,720
P-621-1	Saw-Cut Grooving	12,310	SY	\$ 2.75	\$33,853	\$ 2.60	\$32,006
D-701-1	12-Inch Reinforced Concrete Pipe	2,120	LF	\$ 25.50	\$54,060	\$ 60.00	\$127,200
D-701-2	15-Inch Reinforced Concrete Pipe	220	LF	\$ 30.50	\$6,710	\$ 65.00	\$14,300
D-701-3	24-Inch Reinforced Concrete Pipe	150	LF	\$ 48.00	\$7,200	\$ 85.00	\$12,750
D-701-4	30-Inch Reinforced Concrete Pipe	370	LF	\$ 55.00	\$20,350	\$ 100.00	\$37,000
D-705-1	6-Inch Underdrain Pipe	2,620	LF	\$ 20.00	\$52,400	\$ 35.00	\$91,700
D-705-2	Underdrain Cleanout	11	EA	\$ 1,200.00	\$13,200	\$ 850.00	\$9,350
D-705-3	Cap Underdrain Cleanout	13	EA	\$ 500.00	\$6,500	\$ 750.00	\$9,750
D-705-4	Adjust Cleanout Cover	7	EA	\$ 250.00	\$1,750	\$ 350.00	\$2,450
D-751-1	48-Inch Diameter Catch Basin	2	EA	\$ 3,000.00	\$6,000	\$ 5,500.00	\$11,000
D-751-2	48-Inch Diameter Manhole	6	EA	\$ 3,000.00	\$18,000	\$ 5,500.00	\$33,000
D-751-3	72-Inch Diameter Catch Basin	1	EA	\$ 5,000.00	\$5,000	\$ 8,000.00	\$8,000
D-751-4	72-Inch Diameter Manhole	1	EA	\$ 5,000.00	\$5,000	\$ 8,000.00	\$8,000
D-751-5	Adjust Frames and Covers	5	EA	\$ 1,250.00	\$6,250	\$ 750.00	\$3,750
L-100-1	Modifications to ALCMS Equipment	1	AL	\$ 22,000.00	\$22,000	\$ 22,000.00	\$22,000
L-108-1	No. 8 AWG, 5kV, L-824, Type C Cable	20,340	LF	\$ 2.00	\$40,680	\$ 1.25	\$25,425
L-108-2	No. 6 AWG, Solid, Bare Counterpoise Wire	12,910	LF	\$ 2.00	\$25,820	\$ 1.00	\$12,910
L-110-1	Concrete Encased Electrical Conduit, 1-way 2" Schedule 40 PVC	12,200	LF	\$ 15.00	\$183,000	\$ 9.00	\$109,800
L-110-2	Concrete Encase Existing Ductbank	100	LF	\$ 45.00	\$4,500	\$ 45.00	\$4,500
L-125-1	Base Mounted L-850C Semi-Flush Runway Edge Light	2	EA	\$ 2,700.00	\$5,400	\$ 3,000.00	\$6,000
L-125-2	Base Mounted L-861T Elevated Taxiway Edge Light	88	EA	\$ 1,100.00	\$96,800	\$ 1,305.00	\$114,840
L-125-3	Base Mounted L-852 Semi-Flush Taxiway Centerline Light	103	EA	\$ 2,700.00	\$278,100	\$ 3,375.00	\$347,625
L-125-4	Base Mounted L-804 Elevated Runway Guard Light	4	EA	\$ 3,500.00	\$14,000	\$ 3,850.00	\$15,400
L-125-5	Base Mounted L-852G Semi-Flush Runway Guard Light	34	EA	\$ 2,700.00	\$91,800	\$ 2,650.00	\$90,100
L-125-6	Base Mounted Field Lightning Arrestor	1	EA	\$ 3,500.00	\$3,500	\$ 1,900.00	\$1,900
L-125-7	Removal of Existing Fixture	83	EA	\$ 100.00	\$8,300	\$ 25.00	\$2,075
L-125-8	Remove and Reinstall Semi-Flush Runway Edge Light	2	EA	\$ 750.00	\$1,500	\$ 2,500.00	\$5,000

ITEM #	DESCRIPTION	BID QTY.	UNIT	Engineers Estimate		R.S. Audley	
				UNIT COST	COST	UNIT COST	COST
L-858-1	New Lighted Guidance Sign, - 1 Module	4	EA	\$ 3,750.00	\$15,000	\$ 5,000.00	\$20,000
L-858-2	New Lighted Guidance Sign, - 2 Module	2	EA	\$ 4,375.00	\$8,750	\$ 7,500.00	\$15,000
L-858-3	New Lighted Guidance Sign, - 3 Module	7	EA	\$ 5,000.00	\$35,000	\$ 12,000.00	\$84,000
L-858-4	Removal of Existing Guidance Sign	13	EA	\$ 1,000.00	\$13,000	\$ 100.00	\$1,300
T-901-1	Seeding	43,250	SY	\$ 1.00	\$43,250	\$ 0.50	\$21,625
T-905-1	Topsoiling	7,210	CY	\$ 30.00	\$216,300	\$ 24.00	\$173,040
<b>Total</b>					<b>\$4,265,674.88</b>		<b>\$4,699,713.50</b>