

Manchester-Boston Regional Airport
Green Drive Cargo Development Projects
Green Drive Cargo Apron and Access Road



McFARLAND-JOHNSON, INC.

BID OPENING:

April 6, 2022 10:00 AM

REVIEWED BID SUMMARY

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	R. S. Audley, Inc.		ENGINEER ESTIMATE	
				UNIT COST	UNIT TOTAL	ESTIMATED UNIT COST	ESTIMATED UNIT TOTAL
SCHEDULE A - APRON CARGO CONSTRUCTION - BASE BID							
C-105-1	Mobilization (3%)	LS	1	\$ 294,000.00	\$ 294,000.00	\$ 431,000.00	\$ 431,000.00
C-100-1	Contractor Quality Control Program	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 75,000.00
C-102-5.1	Installation and Removal of Inlet Protection Filter Bags	EA	14	\$ 360.00	\$ 5,040.00	\$ 250.00	\$ 3,500.00
C-102-5.2	Installation and Removal of Erosion Control Logs	LF	600	\$ 6.00	\$ 3,600.00	\$ 10.00	\$ 6,000.00
C-102-5.3	Installation and Removal of Stabilized Construction Entrance	EA	2	\$ 6,000.00	\$ 12,000.00	\$ 10,000.00	\$ 20,000.00
C-102-5.4	Storm Water Pollution Prevention Plan and Monitoring	LS	1	\$ 35,000.00	\$ 35,000.00	\$ 10,000.00	\$ 10,000.00
M-100-1	Allowance - Gate Guards	AL	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
M-105-1	Engineer Field Office	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 24,000.00	\$ 24,000.00
M-200-1	Maintenance and Protection of Traffic (Airfield)	LS	1	\$ 250,000.00	\$ 250,000.00	\$ 50,000.00	\$ 50,000.00
M-200-3	Temporary Vehicle Service Road	LS	1	\$ 35,000.00	\$ 35,000.00	\$ 25,000.00	\$ 25,000.00
M-250-1	Record Documents	LS	1	\$ 35,000.00	\$ 35,000.00	\$ 10,000.00	\$ 10,000.00
M-250-2	Field Data Collection for GIS Survey Conversion	LS	1	\$ 5,500.00	\$ 5,500.00	\$ 10,000.00	\$ 10,000.00
M-400-5.1A	No. 12 AWG 600V Copper Wire, Installed in Duct Bank or Conduit, Including Connections and Terminations	LF	1,800	\$ 2.09	\$ 3,762.00	\$ 2.00	\$ 3,600.00
M-400-5.1B	No. 10 AWG 600V Copper Wire, Installed in Duct Bank or Conduit, Including Connections and Terminations	LF	1,500	\$ 2.57	\$ 3,855.00	\$ 2.00	\$ 3,000.00
M-400-5.1C	No. 6 AWG 600V Copper Wire, Installed in Duct Bank or Conduit, Including Connections and Terminations	LF	2,700	\$ 3.38	\$ 9,126.00	\$ 2.00	\$ 5,400.00
M-400-5.1D	No. 10G AWG 600V Copper Wire, Installed in Duct Bank or Conduit, Including Connections and Terminations	LF	900	\$ 2.57	\$ 2,313.00	\$ 2.00	\$ 1,800.00
M-400-5.1E	No. 8G AWG 600V Copper Wire, Installed in Duct Bank or Conduit, Including Connections and Terminations	LF	1,400	\$ 3.65	\$ 5,110.00	\$ 2.00	\$ 2,800.00
M-400-5.2B	2 Strand Fiber Cable with Innerduct, Installed in Duct Bank or Conduit, Including Connections and Terminations	LF	900	\$ 7.76	\$ 6,984.00	\$ 5.00	\$ 4,500.00
M-400-5.2C	Cat 6 Cable, Installed in Duct Bank or Conduit, Including Connections and Terminations	LF	600	\$ 5.40	\$ 3,240.00	\$ 10.00	\$ 6,000.00
M-400-5.4E	Concrete Encased 1" Conduit - Type III Sch 40 PVC	LF	780	\$ 24.30	\$ 18,954.00	\$ 30.00	\$ 23,400.00
M-400-5.5	Mast Light Pole and Fixture	EA	4	\$ 18,562.50	\$ 74,250.00	\$ 10,000.00	\$ 40,000.00
M-400-5.6A	Mast Light Camera Installation	EA	2	\$ 7,951.50	\$ 15,903.00	\$ 4,000.00	\$ 8,000.00
M-400-5.6B	Building Mounted Camera Installation	EA	3	\$ 6,480.00	\$ 19,440.00	\$ 4,000.00	\$ 12,000.00
M-400-5.6C	Camera 4-port PoE Enclosure and Switches with Installation	EA	2	\$ 9,990.00	\$ 19,980.00	\$ 4,000.00	\$ 8,000.00
M-400-5.6D	Security Camera Integrator Installation - Allowance	AL	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
M-400-5.7E	Mast Light Pole Foundation Installation	EA	2	\$ 10,530.00	\$ 21,060.00	\$ 5,000.00	\$ 10,000.00
M-400-5.9B	Lot D (South) Site Lighting Removal	LS	1	\$ 43,335.00	\$ 43,335.00	\$ 20,000.00	\$ 20,000.00
M-500-1	Existing ASOS Site Removal Work	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 16,000.00	\$ 16,000.00
M-500-2	Coordination and Assistance of Equipment Relocation with the National Weather Service	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00
M-500-3	Relocated ASOS Site Improvement Installation Work	LS	1	\$ 147,782.87	\$ 147,782.87	\$ 45,000.00	\$ 45,000.00
M-700-5.3a	Traffic Sign - NHDOT Type C	EA	2	\$ 700.00	\$ 1,400.00	\$ 500.00	\$ 1,000.00
M-900-1	Oil-Water Separator	EA	1	\$ 522,000.00	\$ 522,000.00	\$ 75,000.00	\$ 75,000.00
P-101-5.1	Pavement Removal	SY	36,200	\$ 7.00	\$ 253,400.00	\$ 10.00	\$ 362,000.00
P-101-5.2	Joint and Crack Repair	LF	1,800	\$ 5.20	\$ 9,360.00	\$ 5.00	\$ 9,000.00
P-101-5.6	Cold Milling	SY	6,200	\$ 3.30	\$ 20,460.00	\$ 8.00	\$ 49,600.00
P-101-5.7A	Removal of Pipe	LF	1,770	\$ 20.00	\$ 35,400.00	\$ 30.00	\$ 53,100.00
P-101-5.7B	Removal on Drain Inlet/Manhole	EA	9	\$ 725.00	\$ 6,525.00	\$ 1,500.00	\$ 13,500.00
P-152-4.1	Unclassified Excavation	CY	37,800	\$ 12.00	\$ 453,600.00	\$ 12.00	\$ 453,600.00
P-152-4.2	Unsuitable Excavation	CY	3,780	\$ 15.00	\$ 56,700.00	\$ 20.00	\$ 75,600.00
P-154-5.1	Subbase Course	CY	22,100	\$ 30.00	\$ 663,000.00	\$ 45.00	\$ 994,500.00
P-209-5.1	Crushed Aggregate Base Course	CY	6,200	\$ 45.00	\$ 279,000.00	\$ 60.00	\$ 372,000.00
P-401-8.1	Asphalt Surface Course	TON	6,000	\$ 132.00	\$ 792,000.00	\$ 140.00	\$ 840,000.00
P-403-8.1	Asphalt Base Course/Shoulder Pavement	TON	12,300	\$ 132.00	\$ 1,623,600.00	\$ 130.00	\$ 1,599,000.00
P-501-8.1	Concrete Pavement (13" Depth)	SY	13,100	\$ 200.00	\$ 2,620,000.00	\$ 600.00	\$ 7,860,000.00
P-603-5.1	Emulsified Asphalt Tack Coat	GAL	5,750	\$ 6.00	\$ 34,500.00	\$ 5.00	\$ 28,750.00
P-605-5.1	Joint Sealing Filler	LF	3,950	\$ 9.00	\$ 35,550.00	\$ 10.00	\$ 39,500.00
P-620-5.1a	Surface Preparation	SF	580	\$ 3.00	\$ 1,740.00	\$ 5.00	\$ 2,900.00
P-620-5.2b	Marking	SF	13,630	\$ 1.75	\$ 23,852.50	\$ 2.00	\$ 27,260.00
P-620-5.3c	Reflective Media	LBS	330	\$ 8.00	\$ 2,640.00	\$ 2.00	\$ 660.00
F-162-5.1a	10' Chain Link Fence with Barbed Wire	LF	930	\$ 70.00	\$ 65,100.00	\$ 95.00	\$ 88,350.00
F-162-5.1c	Temporary Chain Link Fence on Concrete Barrier with Barbed Wire	LF	600	\$ 135.00	\$ 81,000.00	\$ 80.00	\$ 48,000.00
F-162-5.2a	Temporary 25' Wide Vehicle Gates	EA	1	\$ 2,900.00	\$ 2,900.00	\$ 5,000.00	\$ 5,000.00
F-162-5.3	Removal of Existing Fence	LF	1,480	\$ 9.50	\$ 14,060.00	\$ 10.00	\$ 14,800.00
D-701-5.1A	12-Inch Reinforced Concrete Pipe	LF	70	\$ 155.00	\$ 10,850.00	\$ 80.00	\$ 5,600.00
D-701-5.1B	15-Inch Reinforced Concrete Pipe	LF	540	\$ 120.00	\$ 64,800.00	\$ 95.00	\$ 51,300.00
D-701-5.1C	18-Inch Reinforced Concrete Pipe	LF	540	\$ 125.00	\$ 67,500.00	\$ 110.00	\$ 59,400.00
D-701-5.1D	48-Inch Reinforced Concrete Pipe	LF	760	\$ 315.00	\$ 239,400.00	\$ 200.00	\$ 152,000.00
D-751-5.1A	Drainage Manhole - Aircraft Rated	EA	7	\$ 5,950.00	\$ 41,650.00	\$ 8,000.00	\$ 56,000.00
D-751-5.1B	Drainage Diversion Manhole - Aircraft Rated	EA	1	\$ 7,500.00	\$ 7,500.00	\$ 10,000.00	\$ 10,000.00
D-751-5.2A	Catch Basin - Aircraft Rated	EA	1	\$ 12,500.00	\$ 12,500.00	\$ 9,000.00	\$ 9,000.00
D-751-5.2B	Catch Basin - H-20 Rated	EA	1	\$ 4,650.00	\$ 4,650.00	\$ 7,500.00	\$ 7,500.00
D-751-5.3	Trench Drain	LF	560	\$ 600.00	\$ 336,000.00	\$ 400.00	\$ 224,000.00
D-751-5.4	Adjust Structure Rim/Grate Elevation	EA	1	\$ 550.00	\$ 550.00	\$ 1,500.00	\$ 1,500.00
D-751-5.5	Replace Frame/Cover and Adjust Structure Rim Elevation	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00
T-901-5.1	Seeding	KSF	100	\$ 120.00	\$ 12,000.00	\$ 40.00	\$ 4,000.00
T-905-5.1	Topsoil (Obtained on Site or Removed from Stockpile)	CY	215	\$ 26.00	\$ 5,590.00	\$ 30.00	\$ 6,450.00
T-905-5.2	Topsoil (Furnished from Off the Site)	CY	305	\$ 34.00	\$ 10,370.00	\$ 35.00	\$ 10,675.00
T-908-5.1	Mulching	SY	9,270	\$ 0.33	\$ 3,059.10	\$ 1.00	\$ 9,270.00
L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit	LF	3,200	\$ 4.05	\$ 12,960.00	\$ 5.00	\$ 16,000.00
L-108-5.2	No. 6 AWG, Solid, Bare Copper Counterpoise Wire Installed Above the Duct Bank or Conduit, Including Connections/Terminations	LF	1,770	\$ 4.93	\$ 8,726.10	\$ 6.00	\$ 10,620.00
L-110-5.1	Concrete Encased Electrical Conduit, 1-Way-2-Inch	LF	1,620	\$ 49.95	\$ 80,919.00	\$ 35.00	\$ 56,700.00
L-110-5.4	Removal of Concrete Encased or Non-Encased Electrical Conduit/Duct and Cable	LF	1,030	\$ 44.00	\$ 45,320.00	\$ 10.00	\$ 10,300.00
L-110-5.5	Removal of Cable in Electrical Conduit/Duct to Remain	LF	190	\$ 1.35	\$ 256.50	\$ 5.00	\$ 950.00
L-115-5.1	Electrical Manhole (Aircraft Rated)	EA	2	\$ 16,800.75	\$ 33,601.50	\$ 11,000.00	\$ 22,000.00
L-115-5.2	Removal of Electrical Manhole/Junction Structure	EA	2	\$ 74.25	\$ 148.50	\$ 2,000.00	\$ 4,000.00
L-115-5.3	Existing Electrical Manhole/Junction Structure Elevation Adjustment	EA	2	\$ 3,017.25	\$ 6,034.50	\$ 1,500.00	\$ 3,000.00
L-125-5.1	New L-861T Elevated Taxiway Edge Light	EA	10	\$ 2,234.25	\$ 22,342.50	\$ 3,000.00	\$ 30,000.00
L-125-5.2A	New L-858(L) Airfield Guidance Sign - 2 Module	EA	2	\$ 6,851.25	\$ 13,702.50	\$ 12,000.00	\$ 24,000.00
L-125-5.2B	New L-858(L) Airfield Guidance Sign - 3 Module	EA	1	\$ 9,416.25	\$ 9,416.25	\$ 13,000.00	\$ 13,000.00
L-125-5.4	Remove, Store and Reinstall Existing Elevated Taxiway Edge Light on Existing Base Can	EA	2	\$ 445.50	\$ 891.00	\$ 2,000.00	\$ 4,000.00
L-125-5.5	Base Can	EA	6	\$ 912.60	\$ 5,475.60	\$ 2,500.00	\$ 15,000.00
L-125-5.6	Remove Elevated Taxiway Edge Light and Base Can	EA	4	\$ 918.00	\$ 3,672.00	\$ 500.00	\$ 2,000.00
L-125-5.7A	New L-852C(L) Taxiway Centerline Light	EA	2	\$ 11,778.00	\$ 23,556.00	\$ 4,000.00	\$ 8,000.00
L-125-5.7B	New L-852C(L) Taxiway Centerline Light on Existing Conduit	EA	2	\$ 3,510.00	\$ 7,020.00	\$ 5,000.00	\$ 10,000.00
L-125-5.7C	New L-852K(L) Taxiway Centerline Light	EA	10	\$ 3,577.50	\$ 35,775.00	\$ 4,000.00	\$ 40,000.00
L-125-5.7D	Remove, Store and Reinstall Taxiway Centerline Light on Existing Base Can	EA	4	\$ 600.75	\$ 2,403.00	\$ 2,500.00	\$ 10,000.00
SCHEDULE A - BASE BID SUBTOTAL					\$ 9,964,661.42		\$ 14,829,885.00

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McFARLAND-JOHNSON, INC.

BID OPENING:

April 6, 2022 10:00 AM

REVIEWED BID SUMMARY

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	R. S. Audley, Inc.		ESTIMATED UNIT COST	ESTIMATED UNIT TOTAL
				UNIT COST	UNIT TOTAL		
SCHEDULE B - APRON CARGO CONSTRUCTION - BASE BID							
C-102-5.1	Installation and Removal of Inlet Protection Filter Bags	EA	9	\$ 360.00	\$ 3,240.00	\$ 300.00	\$ 2,700.00
C-102-5.2	Installation and Removal of Erosion Control Logs	LF	100	\$ 6.00	\$ 600.00	\$ 10.00	\$ 1,000.00
M-300-1	Snow Melter Equipment Package	LS	1	\$ 1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00	\$ 1,300,000.00
M-300-2A	Snow Melter Equipment Manufacturer Installation Assistance	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 50,000.00	\$ 50,000.00
M-300-2B	Snow Melter Equipment Contractor Final Design and Installation	LS	1	\$ 215,000.00	\$ 215,000.00	\$ 500,000.00	\$ 500,000.00
M-300-3	Snow Melter Site Preparation and Site Infrastructure Work	LS	1	\$ 358,000.00	\$ 358,000.00	\$ 300,000.00	\$ 300,000.00
M-300-4	Snow Melter Building and Installation	LS	1	\$ 178,000.00	\$ 178,000.00	\$ 70,000.00	\$ 70,000.00
M-300-5A	Snow Melter Utility - Snow Melter System Water Service	LS	1	\$ 42,000.00	\$ 42,000.00	\$ 25,000.00	\$ 25,000.00
M-300-5B	Snow Melter Utility - 8" Ductile Iron Water Line	LF	300	\$ 207.78	\$ 62,334.00	\$ 120.00	\$ 36,000.00
M-300-5C	Snow Melter Utility - 2" Service Tap (Saddle & Corporation) - Item Eliminated	EA	0		\$ -		\$ -
M-300-5D	Snow Melter Utility - 2" Curb Stop with Curb Box	EA	2	\$ 8,795.99	\$ 17,591.98	\$ 1,500.00	\$ 3,000.00
M-300-5E	Snow Melter Utility - 12" x 8" Tapping Sleeve and 8" Gate Valve	EA	1	\$ 18,125.00	\$ 18,125.00	\$ 10,000.00	\$ 10,000.00
M-300-5F	Snow Melter Utility - Hydrant and 6" Gate Valve Assembly	EA	1	\$ 44,710.94	\$ 44,710.94	\$ 6,000.00	\$ 6,000.00
M-300-6A	Snow Melter Utility - Natural Gas Service Supplier Coordination and Installation	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
M-300-6B	Snow Melter Utility - Natural Gas Service Pipe Trenching	LF	350	\$ 4.00	\$ 1,400.00	\$ 25.00	\$ 8,750.00
M-400-5.2A	144 Strand Fiber Cable with Innerduct, Installed in Duct Bank or Conduit, Including Connection	LF	2,500	\$ 13.16	\$ 32,900.00	\$ 10.00	\$ 25,000.00
M-400-5.3A	Demarc Room Fiber Equipment and Fiber Cable Interconnections	LS	1	\$ 15,882.75	\$ 15,882.75	\$ 25,000.00	\$ 25,000.00
M-400-5.3B	Snowmelter Hut Fiber Equipment and Fiber Cable Interconnections	LS	1	\$ 18,225.00	\$ 18,225.00	\$ 25,000.00	\$ 25,000.00
M-400-5.4A	Concrete Encased 5" Conduit - Type III Sch 40 PVC	LF	1,600	\$ 62.10	\$ 99,360.00	\$ 50.00	\$ 80,000.00
M-400-5.4B	Eversource Riser 5" Conduit - Rigid	LF	60	\$ 44.55	\$ 2,673.00	\$ 60.00	\$ 3,600.00
M-400-5.4C	Concrete Encased Duct Bank 2-Way x 4" - Type III Sch 40 PVC	LF	1,250	\$ 76.95	\$ 96,187.50	\$ 70.00	\$ 87,500.00
M-400-5.4D	Concrete Encased Duct Bank 2-Way x 3" - Type III Sch 40 PVC	LF	320	\$ 70.20	\$ 22,464.00	\$ 65.00	\$ 20,800.00
M-400-5.7A	500 kVA Transformer Pad	EA	1	\$ 10,530.00	\$ 10,530.00	\$ 3,000.00	\$ 3,000.00
M-400-5.7B	Electrical Manhole (H2O Rated)	EA	4	\$ 30,611.25	\$ 122,445.00	\$ 8,000.00	\$ 32,000.00
M-400-5.7C	Fiber/Electrical Handhole (H2O Rated)	EA	5	\$ 6,615.00	\$ 33,075.00	\$ 6,000.00	\$ 30,000.00
M-400-5.7D	Existing Handhole Removal	EA	3	\$ 1,080.00	\$ 3,240.00	\$ 500.00	\$ 1,500.00
M-400-5.8A	Utility Supplier Relocation Work - Allowance Item Eliminated	AL	0		\$ -		\$ -
M-400-5.8B	Utility Supplier Cable Installation - Allowance	AL	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
M-400-5.9A	Lot D (North) Site Lighting Removal	LS	1	\$ 32,400.00	\$ 32,400.00	\$ 9,000.00	\$ 9,000.00
M-400-5.9C	Access Roadway Site Lighting Removal	LS	1	\$ 24,300.00	\$ 24,300.00	\$ 20,000.00	\$ 20,000.00
M-600-1	NHDOT Hot Bituminous Pavement - 1/2" Wearing Course	TON	390	\$ 120.00	\$ 46,800.00	\$ 110.00	\$ 42,900.00
M-600-2	NHDOT Hot Bituminous Pavement - 3/4" Binder Course	TON	480	\$ 115.00	\$ 55,200.00	\$ 110.00	\$ 52,800.00
M-700-5.1A	Base Course Material	CY	160	\$ 80.00	\$ 12,800.00	\$ 60.00	\$ 9,600.00
M-700-5.2A	Granite Curb (Straight)	LF	100	\$ 35.00	\$ 3,500.00	\$ 45.00	\$ 4,500.00
M-700-5.2B	Granite Slope Curb (Straight and Radial Joints)	LF	30	\$ 26.00	\$ 780.00	\$ 35.00	\$ 1,050.00
M-700-5.2C	Remove, Salvage and Reset Granite Curb (Straight)	LF	200	\$ 12.00	\$ 2,400.00	\$ 25.00	\$ 5,000.00
M-700-5.2D	Remove, Salvage, and Reset Granite Slope Curb (Straight and Radial Joints)	LF	280	\$ 12.00	\$ 3,360.00	\$ 25.00	\$ 7,000.00
M-700-5.3B	Wayfinding Sign - NHDOT Type C	EA	5	\$ 700.00	\$ 3,500.00	\$ 500.00	\$ 2,500.00
M-700-5.4	Walkway Modification	LS	1	\$ 25,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00
M-700-5.5	Old Access Gate and Island Area Removal	LS	1	\$ 16,500.00	\$ 16,500.00	\$ 40,000.00	\$ 40,000.00
M-700-5.9A	1" Copper Water Service Removal & Decommissioning	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
M-700-5.9B	8" Cast Iron Water Service Removal & Decommissioning	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
M-750-1	Drainage Infiltration System	LS	1	\$ 153,268.26	\$ 153,268.26	\$ 100,000.00	\$ 100,000.00
M-800-1	Reclaimed Base Course	SY	2,400	\$ 5.00	\$ 12,000.00	\$ 5.00	\$ 12,000.00
M-800-2	Supplemental Aggregate Material	TON	140	\$ 70.00	\$ 9,800.00	\$ 35.00	\$ 4,900.00
P-101-5.1	Pavement Removal	SY	1,420	\$ 7.00	\$ 9,940.00	\$ 10.00	\$ 14,200.00
P-101-5.2	Joint and Crack Repair	LF	330	\$ 5.20	\$ 1,716.00	\$ 5.00	\$ 1,650.00
P-101-5.6	Cold Milling	SY	3,630	\$ 3.30	\$ 11,979.00	\$ 5.00	\$ 18,150.00
P-101-5.7A	Removal of Pipe	LF	100	\$ 32.00	\$ 3,200.00	\$ 30.00	\$ 3,000.00
P-101-5.7B	Removal on Drain Inlet/Manhole	EA	2	\$ 725.00	\$ 1,450.00	\$ 1,500.00	\$ 3,000.00
P-154-5.1	Subbase Course	CY	120	\$ 55.00	\$ 6,600.00	\$ 45.00	\$ 5,400.00
P-403-8.1	Asphalt Base Course/Shoulder Pavement	TON	410	\$ 132.00	\$ 54,120.00	\$ 130.00	\$ 53,300.00
P-603-5.1	Emulsified Asphalt Tack Coat	GAL	370	\$ 6.00	\$ 2,220.00	\$ 6.00	\$ 2,220.00
P-605-5.1	Joint Sealing Filler	LF	190	\$ 9.00	\$ 1,710.00	\$ 5.00	\$ 950.00
P-620-5.2b	Marking	SF	830	\$ 1.50	\$ 1,245.00	\$ 2.00	\$ 1,660.00
P-620-5.3c	Reflective Media	LBS	60	\$ 7.00	\$ 420.00	\$ 3.00	\$ 180.00
F-162-5.1a	10' Chain Link Fence with Barbed Wire	LF	320	\$ 61.50	\$ 19,680.00	\$ 95.00	\$ 30,400.00
F-162-5.1b	4' Chain-Link Fence	LF	230	\$ 39.00	\$ 8,970.00	\$ 60.00	\$ 13,800.00
F-162-5.3	Removal of Existing Fence	LF	530	\$ 9.50	\$ 5,035.00	\$ 10.00	\$ 5,300.00
D-701-5.1B	15-Inch Reinforced Concrete Pipe	LF	390	\$ 145.00	\$ 56,550.00	\$ 95.00	\$ 37,050.00
D-701-5.1C	18-Inch Reinforced Concrete Pipe	LF	30	\$ 145.00	\$ 4,350.00	\$ 110.00	\$ 3,300.00
D-701-5.1E	12-Inch HDPE Pipe	LF	30	\$ 130.00	\$ 3,900.00	\$ 75.00	\$ 2,250.00
D-751-5.2B	Catch Basins - H-20 Rated	EA	3	\$ 4,650.00	\$ 13,950.00	\$ 7,500.00	\$ 22,500.00
D-751-5.4	Adjust Structure Rim/Grate Elevation	EA	1	\$ 550.00	\$ 550.00	\$ 1,000.00	\$ 1,000.00
D-751-5.6	Install Diversion Weir in Existing Catch Basin	EA	1	\$ 3,150.00	\$ 3,150.00	\$ 5,000.00	\$ 5,000.00
T-901-5.1	Seeding	KSF	20	\$ 115.00	\$ 2,300.00	\$ 40.00	\$ 800.00
T-905-5.2	Topsoil (Furnished from Off the Site)	CY	80	\$ 34.00	\$ 2,720.00	\$ 35.00	\$ 2,800.00
T-908-5.1	Mulching	SY	1,440	\$ 0.33	\$ 475.20	\$ 1.00	\$ 1,440.00
SCHEDULE B - BASE BID SUBTOTAL					\$ 3,376,822.63		\$ 3,241,450.00


Green Drive Cargo Development Projects
Green Drive Cargo Apron and Access Road **BID OPENING:** **April 6, 2022 10:00 AM**

REVIEWED BID SUMMARY

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	R. S. Audley, Inc.		ESTIMATED UNIT COST	ESTIMATED UNIT TOTAL
				UNIT COST	UNIT TOTAL		
SCHEDULE C1 - ACCESS ROAD ALTERNATE #1							
C-105-1	Mobilization (10%)	LS	1	\$ 14,000.00	\$ 14,000.00	\$ 18,000.00	\$ 18,000.00
C-100-1	Contractor Quality Control Program	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 10,000.00	\$ 10,000.00
C-102-5.1	Installation and Removal of Inlet Protection Filter Bags	EA	3	\$ 360.00	\$ 1,080.00	\$ 300.00	\$ 900.00
C-102-5.2	Installation and Removal of Erosion Control Logs	LF	100	\$ 6.00	\$ 600.00	\$ 10.00	\$ 1,000.00
M-200-2	Maintenance and Protection of Traffic (Access Road)	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00
M-250-1	Record Documents	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00
M-600-1	NHDOT Hot Bituminous Pavement - 1/2" Wearing Course	TON	150	\$ 120.00	\$ 18,000.00	\$ 110.00	\$ 16,500.00
M-600-2	NHDOT Hot Bituminous Pavement - 3/4" Binder Course	TON	240	\$ 115.00	\$ 27,600.00	\$ 110.00	\$ 26,400.00
M-700-5.3A	Traffic Sign - NHDOT Type C	EA	1	\$ 700.00	\$ 700.00	\$ 300.00	\$ 300.00
M-800-1	Reclaimed Base Course	SY	1730	\$ 5.00	\$ 8,650.00	\$ 5.00	\$ 8,650.00
M-800-2	Supplemental Aggregate Material	TON	100	\$ 70.00	\$ 7,000.00	\$ 35.00	\$ 3,500.00
P-101-5.1	Pavement Removal	SY	2840	\$ 7.00	\$ 19,880.00	\$ 10.00	\$ 28,400.00
P-154-5.1	Subbase Course	CY	240	\$ 55.00	\$ 13,200.00	\$ 45.00	\$ 10,800.00
P-603-5.1	Emulsified Asphalt Tack Coat	GAL	110	\$ 5.50	\$ 605.00	\$ 6.00	\$ 660.00
P-605-5.1	Joint Sealing Filler	LF	50	\$ 7.30	\$ 365.00	\$ 5.00	\$ 250.00
P-620-5.2b	Marking	SF	540	\$ 1.50	\$ 810.00	\$ 2.00	\$ 1,080.00
P-620-5.3c	Reflective Media	LBS	40	\$ 7.00	\$ 280.00	\$ 3.00	\$ 120.00
F-162-5.1b	4' Chain-Link Fence	LF	270	\$ 39.00	\$ 10,530.00	\$ 75.00	\$ 20,250.00
D-701-5.1B	15-Inch Reinforced Concrete Pipe	LF	120	\$ 145.00	\$ 17,400.00	\$ 100.00	\$ 12,000.00
D-751-5.2B	Catch Basin - H-20 Rated	EA	1	\$ 4,650.00	\$ 4,650.00	\$ 7,500.00	\$ 7,500.00
T-901-5.1	Seeding	KSF	30	\$ 90.00	\$ 2,700.00	\$ 40.00	\$ 1,200.00
T-905-5.2	Topsoil (Obtained from Off the Site)	CY	160	\$ 37.00	\$ 5,920.00	\$ 35.00	\$ 5,600.00
T-908-5.1	Mulching	SY	2840	\$ 0.27	\$ 766.80	\$ 1.00	\$ 2,840.00
SCHEDULE C1 - ACCESS ROAD ALTERNATE 1 SUBTOTAL					\$ 206,736.80		\$ 203,450.00

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	R. S. Audley, Inc.		ESTIMATED UNIT COST	ESTIMATED UNIT TOTAL
				UNIT COST	UNIT TOTAL		
SCHEDULE C2 - ACCESS ROAD ALTERNATE #2							
C-105-1	Mobilization (10%)	LS	1	\$ 58,000.00	\$ 58,000.00	\$ 66,000.00	\$ 66,000.00
C-100-1	Contractor Quality Control Program	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00
C-102-5.1	Installation and Removal of Inlet Protection Filter Bags	EA	15	\$ 360.00	\$ 5,400.00	\$ 300.00	\$ 4,500.00
C-102-5.2	Installation and Removal of Erosion Control Logs	LF	100	\$ 6.00	\$ 600.00	\$ 10.00	\$ 1,000.00
M-200-2	Maintenance and Protection of Traffic (Access Road)	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00
M-250-1	Record Documents	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00
M-400-5.10	Remove, Salvage, and Relocate Existing Wireless Internet Pole	LS	1	\$ 4,927.50	\$ 4,927.50	\$ 25,000.00	\$ 25,000.00
M-600-1	NHDOT Hot Bituminous Pavement - 1/2" Wearing Course	TON	640	\$ 120.00	\$ 76,800.00	\$ 110.00	\$ 70,400.00
M-600-2	NHDOT Hot Bituminous Pavement - 3/4" Binder Course	TON	1,120	\$ 115.00	\$ 128,800.00	\$ 110.00	\$ 123,200.00
M-700-5.1A	Base Course Material	CY	50	\$ 95.00	\$ 4,750.00	\$ 60.00	\$ 3,000.00
M-700-5.3A	Traffic Sign - NHDOT Type C	EA	1	\$ 700.00	\$ 700.00	\$ 300.00	\$ 300.00
M-700-5.3C	Removal of Traffic Sign	EA	7	\$ 100.00	\$ 700.00	\$ 100.00	\$ 700.00
M-700-5.6	Lot C Entrance Canopy Removal & Access Gate Relocation	LS	1	\$ 45,000.00	\$ 45,000.00	\$ 25,000.00	\$ 25,000.00
M-700-5.7	Lot C Egress Gate Relocation	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 30,000.00	\$ 30,000.00
M-700-5.8	Cul-de-Sac Area Removal	LS	1	\$ 7,750.00	\$ 7,750.00	\$ 15,000.00	\$ 15,000.00
M-700-5.9C	Remove, Salvage, and Relocate Hydrant	LS	1	\$ 11,500.00	\$ 11,500.00	\$ 5,000.00	\$ 5,000.00
M-800-1	Reclaim Base Course	SY	7,750	\$ 5.00	\$ 38,750.00	\$ 5.00	\$ 38,750.00
M-800-2	Supplemental Aggregate Material	TON	440	\$ 70.00	\$ 30,800.00	\$ 35.00	\$ 15,400.00
P-101-5.1	Pavement Removal	SY	6,840	\$ 6.50	\$ 44,460.00	\$ 10.00	\$ 68,400.00
P-101-5.7A	Removal of Pipe	LF	60	\$ 27.00	\$ 1,620.00	\$ 30.00	\$ 1,800.00
P-101-5.7B	Removal on Drain Inlet/Manhole	EA	1	\$ 725.00	\$ 725.00	\$ 1,500.00	\$ 1,500.00
P-152-4.1	Unclassified Excavation	CY	200	\$ 45.00	\$ 9,000.00	\$ 15.00	\$ 3,000.00
P-152-4.2	Unsuitable Excavation	CY	20	\$ 80.00	\$ 1,600.00	\$ 20.00	\$ 400.00
P-154-5.1	Subbase Course	CY	570	\$ 55.00	\$ 31,350.00	\$ 50.00	\$ 28,500.00
P-603-5.1	Emulsified Asphalt Tack Coat	GAL	500	\$ 5.50	\$ 2,750.00	\$ 6.00	\$ 3,000.00
P-605-5.1	Joint Sealing Filler	LF	140	\$ 7.30	\$ 1,022.00	\$ 5.00	\$ 700.00
P-620-5.2b	Marking	SF	1,950	\$ 1.50	\$ 2,925.00	\$ 2.00	\$ 3,900.00
P-620-5.3c	Reflective Media	LBS	120	\$ 7.00	\$ 840.00	\$ 3.00	\$ 360.00
F-162-5.1b	4' Chain-Link Fence	LF	1,260	\$ 39.00	\$ 49,140.00	\$ 60.00	\$ 75,600.00
F-162-5.3	Removal of Fence	LF	360	\$ 9.50	\$ 3,420.00	\$ 10.00	\$ 3,600.00
D-701-5.1A	15-Inch Reinforced Concrete Pipe	LF	220	\$ 130.00	\$ 28,600.00	\$ 95.00	\$ 20,900.00
D-751-5.2B	Catch Basin - H-20 Rated	EA	4	\$ 4,650.00	\$ 18,600.00	\$ 7,500.00	\$ 30,000.00
D-751-5.4	Adjust Structure Rim/Grate Elevation	EA	2	\$ 550.00	\$ 1,100.00	\$ 1,000.00	\$ 2,000.00
T-901-5.1	Seeding	KSF	70	\$ 70.00	\$ 4,900.00	\$ 40.00	\$ 2,800.00
T-905-5.1	Topsoil (Obtained on Site or Removed from Stockpile)	CY	30	\$ 65.00	\$ 1,950.00	\$ 30.00	\$ 900.00
T-905-5.2	Topsoil (Furnished from Off the Site)	CY	370	\$ 37.00	\$ 13,690.00	\$ 35.00	\$ 12,950.00
T-908-5.1	Mulching	SY	7,170	\$ 0.27	\$ 1,935.90	\$ 1.00	\$ 7,170.00
SCHEDULE C2 - ACCESS ROAD ALTERNATE 2 SUBTOTAL					\$ 702,105.40		\$ 730,730.00

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	R. S. Audley, Inc.		ESTIMATED UNIT COST	ESTIMATED UNIT TOTAL
				UNIT COST	UNIT TOTAL		
SCHEDULE D - TERMINAL LOADING DOCK - ADD ALTERNATE #3							
P-101-5.2	Joint and Crack Repair	LF	1,100	\$ 4.75	\$ 5,225.00	\$ 5.00	\$ 5,500.00
P-101-5.6	Cold Milling (2")	SY	1,260	\$ 3.30	\$ 4,158.00	\$ 10.00	\$ 12,600.00
M-600-1	NHDOT Hot Bituminous Pavement - 1/2" Wearing Course	TON	170	\$ 120.00	\$ 20,400.00	\$ 125.00	\$ 21,250.00
SCHEDULE D - ADD ALTERNATE #3 SUBTOTAL					\$ 29,783.00		\$ 39,350.00

Manchester-Boston Regional Airport				 McFARLAND-JOHNSON, INC.			
Green Drive Cargo Development Projects							
Green Drive Cargo Apron and Access Road				BID OPENING:		April 6, 2022 10:00 AM	
REVIEWED BID SUMMARY							
ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	R. S. Audley, Inc.		ESTIMATED UNIT COST	ESTIMATED UNIT TOTAL
SCHEDULE E - TW D CONNECTOR - ADD ALTERNATE #4				UNIT COST	UNIT TOTAL	UNIT COST	UNIT TOTAL
M-250-1	Record Documents	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 15,000.00	\$ 15,000.00
M-250-2	Field Data Collection for GIS Survey Conversion	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 15,000.00	\$ 15,000.00
P-101-5.1	Pavement Removal	SY	960	\$ 7.00	\$ 6,720.00	\$ 10.00	\$ 9,600.00
P-101-5.7A	Removal of Pipe	LF	230	\$ 28.00	\$ 6,440.00	\$ 30.00	\$ 6,900.00
P-101-5.7B	Removal on Drain Inlet/Manhole	EA	2	\$ 725.00	\$ 1,450.00	\$ 1,500.00	\$ 3,000.00
P-152-4.1	Unclassified Excavation	CY	5,000	\$ 9.00	\$ 45,000.00	\$ 15.00	\$ 75,000.00
P-152-4.5	Unsuitable Excavation	CY	500	\$ 40.00	\$ 20,000.00	\$ 20.00	\$ 10,000.00
P-154-5.1	Subbase Course	CY	4,000	\$ 23.00	\$ 92,000.00	\$ 45.00	\$ 180,000.00
P-209-5.1	Crushed Aggregate Base Course	CY	1,000	\$ 39.00	\$ 39,000.00	\$ 60.00	\$ 60,000.00
P-401-8.1	Asphalt Surface Course	TON	1,000	\$ 132.00	\$ 132,000.00	\$ 140.00	\$ 140,000.00
P-403-8.1	Asphalt Base Course/Shoulder Pavement	TON	1,700	\$ 132.00	\$ 224,400.00	\$ 130.00	\$ 221,000.00
P-603-5.1	Emulsified Asphalt Tack Coat	GAL	900	\$ 6.00	\$ 5,400.00	\$ 5.00	\$ 4,500.00
P-605-5.1	Joint Sealing Filler	LF	400	\$ 7.30	\$ 2,920.00	\$ 5.00	\$ 2,000.00
P-620-5.2b	Marking	SF	3,040	\$ 1.50	\$ 4,560.00	\$ 1.00	\$ 3,040.00
P-620-5.3c	Reflective Media	LBS	70	\$ 7.00	\$ 490.00	\$ 1.00	\$ 70.00
D-751-5.1A	Drainage Manholes - Aircraft Rated	EA	1	\$ 5,950.00	\$ 5,950.00	\$ 10,000.00	\$ 10,000.00
D-751-5.4	Adjust Structure Rim/Grate Elevation	EA	1	\$ 550.00	\$ 550.00	\$ 1,500.00	\$ 1,500.00
T-901-5.1	Seeding	KSF	4	\$ 160.00	\$ 640.00	\$ 40.00	\$ 160.00
T-905-5.1	Topsoil (Obtained on Site or Removed from Stockpile)	CY	20	\$ 65.00	\$ 1,300.00	\$ 30.00	\$ 600.00
T-908-5.1	Mulching	SY	340	\$ 0.40	\$ 136.00	\$ 1.00	\$ 340.00
L-108-5.1	No. 8 AWG, 5 kV, L-824, Type C Cable, Installed in Trench, Duct Bank or Conduit	LF	1,200	\$ 4.05	\$ 4,860.00	\$ 5.00	\$ 6,000.00
L-108-5.2	No. 6 AWG, Solid, Bare Copper Counterpoise Wire Installed Above the Duct Bank or Conduit, Including Connections/Terminations	LF	940	\$ 4.93	\$ 4,634.20	\$ 6.00	\$ 5,640.00
L-110-5.1	Concrete Encased Electrical Conduit, 1-Way-2-Inch	LF	940	\$ 49.95	\$ 46,953.00	\$ 35.00	\$ 32,900.00
L-110-5.4	Removal of Concrete Encased or Non-Encased Electrical Conduit/Duct and Cable	LF	430	\$ 44.00	\$ 18,920.00	\$ 10.00	\$ 4,300.00
L-115-5.1	Electrical Manhole (Aircraft Rated)	EA	1	\$ 16,814.25	\$ 16,814.25	\$ 8,000.00	\$ 8,000.00
L-115-5.2	Removal of Electrical Manhole/Junction Structure	EA	1	\$ 3,105.00	\$ 3,105.00	\$ 1,500.00	\$ 1,500.00
L-125-5.1	New L-861T Elevated Taxiway Edge Light	EA	17	\$ 2,234.25	\$ 37,982.25	\$ 3,000.00	\$ 51,000.00
L-125-5.2A	New L-858(L) Airfield Guidance Sign - 2 Module	EA	2	\$ 6,851.25	\$ 13,702.50	\$ 12,000.00	\$ 24,000.00
L-125-5.2B	New L-858(L) Airfield Guidance Sign - 3 Module	EA	1	\$ 9,416.25	\$ 9,416.25	\$ 13,000.00	\$ 13,000.00
L-125-5.3	Remove, Store and Reinstall Existing Airfield Guidance Sign and Base	EA	1	\$ 1,053.00	\$ 1,053.00	\$ 5,000.00	\$ 5,000.00
L-125-5.4	Remove, Store and Reinstall Existing Elevated Taxiway Edge Light on Existing Base Can	EA	1	\$ 445.50	\$ 445.50	\$ 1,500.00	\$ 1,500.00
L-125-5.6	Remove Existing Elevated Taxiway Edge Light and Base Can	EA	5	\$ 918.00	\$ 4,590.00	\$ 1,000.00	\$ 5,000.00
SCHEDULE E - ADD ALTERNATE #4 SUBTOTAL					\$ 754,931.95		\$ 915,550.00
SCHEDULE A BASE BID SUBTOTAL					\$ 9,964,661.42		\$ 14,829,885.00
SCHEDULE B BASE BID - SUBTOTAL					\$ 3,376,822.63		\$ 3,241,450.00
SCHEDULE C1 - ACCESS ROAD ALTERNATE #1 SUBTOTAL					\$ 206,736.80		\$ 203,450.00
BASE BID + ACCESS ROAD ALTERNATE #1 TOTAL					\$ 13,548,220.85		\$ 18,274,785.00
SCHEDULE A BASE BID SUBTOTAL					\$ 9,964,661.42		\$ 14,829,885.00
SCHEDULE B BASE BID - SUBTOTAL					\$ 3,376,822.63		\$ 3,241,450.00
SCHEDULE C2 - ACCESS ROAD ALTERNATE #2 SUBTOTAL					\$ 702,105.40		\$ 730,730.00
BASE BID + ACCESS ROAD ALTERNATE #2 TOTAL					\$ 14,043,589.45		\$ 18,802,065.00
ADD ALTERNATE #3 SUBTOTAL					\$ 29,783.00		\$ 39,350.00
ADD ALTERNATE #4 SUBTOTAL					\$ 754,931.95		\$ 915,550.00