



G-3101 West Bristol Road  
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Flint, Michigan 48507

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April 13, 2018

Mr. Joseph Medici, A.A.E.  
Deputy Airport Director  
Operations and Maintenance  
Bishop International Airport Authority  
G-3425 West Bristol Road  
Flint, Michigan 48507

Re: Bishop International Airport  
Taxiway C (West) Rehabilitation  
RS&H Project No. 210-2820-006

Dear Joe:

Please find enclosed the Tabulation of Bids from the Friday, April 13, 2018 bid opening for the referenced project. Five (5) contractors submitted bids, all of which were reviewed and found to be responsive. Dan's Excavation, Inc. was the as-read low bidder.

Dan's Excavation, Inc.'s submitted bid of \$5,117,005.00 was reviewed, and no errors or omissions were found. All other bids submitted were reviewed, and no errors or omissions were found.

**It is recommended that Dan's Excavation, Inc. be awarded the contract for this project, in the total amount of \$5,117,005.00, subject to legal review, board approval, and procurement of funding.**

Also enclosed are the original contractor bids. Feel free to contact us with any questions or concerns.

Sincerely,

RS&H MICHIGAN, INC.

Erich M. Thiel, PE  
Senior Aviation Engineer

Enc.

Cc: File: 210-2820-006 – I.2.d



ITEM NO.	WORK ITEM DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		Dan's Excavation, Inc.		Fessler & Bowman, Inc.		L.A. Construction Corp.		Angelo Iafate Construction Co.		Zito Construction Co.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
GP-105-2.1	Mobilization and General Conditions	LSUM	1	\$ 640,000.00	\$ 640,000.00	\$ 652,800.00	\$ 652,800.00	\$ 734,000.00	\$ 734,000.00	\$ 674,976.70	\$ 674,976.70	\$ 1,150,000.00	\$ 1,150,000.00	\$ 1,289,000.00	\$ 1,289,000.00
G-102-11.1	Safety and Security	LSUM	1	\$ 180,000.00	\$ 180,000.00	\$ 294,000.00	\$ 294,000.00	\$ 340,000.00	\$ 340,000.00	\$ 219,566.00	\$ 219,566.00	\$ 450,000.00	\$ 450,000.00	\$ 515,000.00	\$ 515,000.00
G-102-11.2	Safety Plan Compliance Document	LSUM	1	\$ 5,000.00	\$ 5,000.00	\$ 16,000.00	\$ 16,000.00	\$ 1,100.00	\$ 1,100.00	\$ 5,472.50	\$ 5,472.50	\$ 1.00	\$ 1.00	\$ 36,600.00	\$ 36,600.00
P-101-5.1	Cold Milling, Profile	SYD	54,500	\$ 2.40	\$ 130,800.00	\$ 2.00	\$ 109,000.00	\$ 2.20	\$ 119,900.00	\$ 3.10	\$ 168,950.00	\$ 2.00	\$ 109,000.00	\$ 2.90	\$ 158,050.00
P-101-5.2	Cold Milling, Pavement Repair	SYD	4,000	\$ 3.50	\$ 14,000.00	\$ 3.50	\$ 14,000.00	\$ 4.00	\$ 16,000.00	\$ 4.80	\$ 19,200.00	\$ 3.50	\$ 14,000.00	\$ 4.50	\$ 18,000.00
P-101-5.3	Pavement Removal, Concrete	SYD	1,100	\$ 15.00	\$ 16,500.00	\$ 12.00	\$ 13,200.00	\$ 18.00	\$ 19,800.00	\$ 20.90	\$ 22,990.00	\$ 20.00	\$ 22,000.00	\$ 23.00	\$ 25,300.00
P-101-5.4	Pavement Removal, Asphalt, 12" or Less Thickness	SYD	5,300	\$ 9.00	\$ 47,700.00	\$ 7.00	\$ 37,100.00	\$ 11.00	\$ 58,300.00	\$ 7.10	\$ 37,630.00	\$ 5.00	\$ 26,500.00	\$ 16.50	\$ 87,450.00
P-101-5.5	Pavement Removal, Asphalt, Greater Than 12" Thickness	SYD	1,150	\$ 16.00	\$ 18,400.00	\$ 12.00	\$ 13,800.00	\$ 40.00	\$ 46,000.00	\$ 31.10	\$ 35,765.00	\$ 15.00	\$ 17,250.00	\$ 19.50	\$ 22,425.00
P-106-5.1	Pavement Marking Removal	SFT	11,000	\$ 1.10	\$ 12,100.00	\$ 1.05	\$ 11,550.00	\$ 2.00	\$ 22,000.00	\$ 1.10	\$ 12,100.00	\$ 1.00	\$ 11,000.00	\$ 1.20	\$ 13,200.00
P-152-4.1	Unclassified Excavation	CYD	35,000	\$ 12.00	\$ 420,000.00	\$ 9.00	\$ 315,000.00	\$ 9.00	\$ 315,000.00	\$ 9.70	\$ 339,500.00	\$ 11.00	\$ 385,000.00	\$ 20.50	\$ 717,500.00
P-154-5.1	Subbase Course	CYD	25,500	\$ 28.00	\$ 714,000.00	\$ 24.00	\$ 612,000.00	\$ 22.00	\$ 561,000.00	\$ 26.10	\$ 665,550.00	\$ 27.00	\$ 688,500.00	\$ 28.50	\$ 726,750.00
P-154-5.2	Geotextile Separation Fabric	SYD	32,500	\$ 1.50	\$ 48,750.00	\$ 1.50	\$ 48,750.00	\$ 1.00	\$ 32,500.00	\$ 1.30	\$ 42,250.00	\$ 1.50	\$ 48,750.00	\$ 3.00	\$ 97,500.00
P-155-8.1	Lime-Treated Subgrade	SYD	5,300	\$ 16.00	\$ 84,800.00	\$ 16.00	\$ 84,800.00	\$ 15.00	\$ 79,500.00	\$ 16.70	\$ 88,510.00	\$ 10.00	\$ 53,000.00	\$ 25.00	\$ 132,500.00
P-156-5.1	Inlet Protection	EACH	21	\$ 150.00	\$ 3,150.00	\$ 80.00	\$ 1,680.00	\$ 160.00	\$ 3,360.00	\$ 185.40	\$ 3,893.40	\$ 150.00	\$ 3,150.00	\$ 160.00	\$ 3,360.00
P-156-5.2	Installation and Removal of Silt Fence	LFT	900	\$ 3.50	\$ 3,150.00	\$ 3.00	\$ 2,700.00	\$ 2.00	\$ 1,800.00	\$ 4.00	\$ 3,600.00	\$ 2.50	\$ 2,250.00	\$ 4.00	\$ 3,600.00
P-156-5.3	Soil Erosion and Sedimentation Control	LSUM	1	\$ 25,000.00	\$ 25,000.00	\$ 26,000.00	\$ 26,000.00	\$ 15,000.00	\$ 15,000.00	\$ 73,921.10	\$ 73,921.10	\$ 1.00	\$ 1.00	\$ 49,000.00	\$ 49,000.00
P-209-5.1	Crushed Aggregate Base Course	CYD	6,300	\$ 52.00	\$ 327,600.00	\$ 46.00	\$ 289,800.00	\$ 55.00	\$ 346,500.00	\$ 54.50	\$ 343,350.00	\$ 38.50	\$ 242,550.00	\$ 66.00	\$ 415,800.00
P-401-8.1	Bituminous Surface Course	TON	9,100	\$ 78.00	\$ 709,800.00	\$ 72.90	\$ 663,390.00	\$ 80.00	\$ 728,000.00	\$ 79.80	\$ 726,180.00	\$ 72.00	\$ 655,200.00	\$ 75.00	\$ 682,500.00
P-403-8.1	Bituminous Base Course	TON	2,000	\$ 74.00	\$ 148,000.00	\$ 82.35	\$ 164,700.00	\$ 90.00	\$ 180,000.00	\$ 90.10	\$ 180,200.00	\$ 82.00	\$ 164,000.00	\$ 85.00	\$ 170,000.00
P-403-8.2	Bituminous Surface Course for Shoulders	TON	7,400	\$ 80.00	\$ 592,000.00	\$ 68.60	\$ 507,640.00	\$ 75.00	\$ 555,000.00	\$ 75.10	\$ 555,740.00	\$ 68.00	\$ 503,200.00	\$ 73.00	\$ 540,200.00
P-603-5.1	Bituminous Tack Coat	GAL	10,500	\$ 0.25	\$ 2,625.00	\$ 0.01	\$ 105.00	\$ 0.01	\$ 105.00	\$ 0.10	\$ 1,050.00	\$ 0.01	\$ 105.00	\$ 1.00	\$ 10,500.00
P-620-5.1	Temporary Airport Pavement Marking, Yellow	SFT	26,000	\$ 0.60	\$ 15,600.00	\$ 0.50	\$ 13,000.00	\$ 0.50	\$ 13,000.00	\$ 0.50	\$ 13,000.00	\$ 0.50	\$ 13,000.00	\$ 0.60	\$ 15,600.00
P-620-5.2	Airport Pavement Marking, White, Striated	SFT	3,400	\$ 0.60	\$ 2,040.00	\$ 0.45	\$ 1,530.00	\$ 0.50	\$ 1,700.00	\$ 0.50	\$ 1,700.00	\$ 0.50	\$ 1,700.00	\$ 0.55	\$ 1,870.00
P-620-5.3	Airport Pavement Marking, Yellow	SFT	22,000	\$ 1.00	\$ 22,000.00	\$ 0.85	\$ 18,700.00	\$ 1.00	\$ 22,000.00	\$ 0.90	\$ 19,800.00	\$ 1.00	\$ 22,000.00	\$ 0.95	\$ 20,900.00
P-620-5.4	Airport Pavement Marking, Black	SFT	8,800	\$ 0.40	\$ 3,520.00	\$ 0.25	\$ 2,200.00	\$ 0.30	\$ 2,640.00	\$ 0.30	\$ 2,640.00	\$ 0.25	\$ 2,200.00	\$ 0.35	\$ 3,080.00
P-620-5.5	Temporary Surface Painted Hold Position Sign	EACH	8	\$ 300.00	\$ 2,400.00	\$ 300.00	\$ 2,400.00	\$ 275.00	\$ 2,200.00	\$ 328.30	\$ 2,626.40	\$ 300.00	\$ 2,400.00	\$ 400.00	\$ 3,200.00
P-620-5.6	Surface Painted Hold Position Sign	EACH	8	\$ 300.00	\$ 2,400.00	\$ 415.00	\$ 3,320.00	\$ 275.00	\$ 2,200.00	\$ 454.20	\$ 3,633.60	\$ 415.00	\$ 3,320.00	\$ 500.00	\$ 4,000.00
D-701-5.1	15-Inch Diameter RCP, Class V	LFT	30	\$ 100.00	\$ 3,000.00	\$ 60.00	\$ 1,800.00	\$ 100.00	\$ 3,000.00	\$ 48.70	\$ 1,461.00	\$ 150.00	\$ 4,500.00	\$ 130.00	\$ 3,900.00
D-701-5.2	Removal of Existing RCP	LFT	30	\$ 20.00	\$ 600.00	\$ 10.00	\$ 300.00	\$ 36.00	\$ 1,080.00	\$ 22.90	\$ 687.00	\$ 25.00	\$ 750.00	\$ 70.00	\$ 2,100.00
D-705-5.1	6 Inch Perforated Underdrain Pipe	LFT	1,600	\$ 15.00	\$ 24,000.00	\$ 10.00	\$ 16,000.00	\$ 13.00	\$ 20,800.00	\$ 6.80	\$ 10,880.00	\$ 20.00	\$ 32,000.00	\$ 18.00	\$ 28,800.00
D-751-5.1	Drainage Structure, 4' Diameter, Aircraft Rated	EACH	1	\$ 6,000.00	\$ 6,000.00	\$ 4,100.00	\$ 4,100.00	\$ 2,700.00	\$ 2,700.00	\$ 2,824.00	\$ 2,824.00	\$ 5,000.00	\$ 5,000.00	\$ 4,800.00	\$ 4,800.00
D-751-5.2	Drainage Structure Reconstruction	EACH	9	\$ 2,000.00	\$ 18,000.00	\$ 500.00	\$ 4,500.00	\$ 2,700.00	\$ 24,300.00	\$ 741.40	\$ 6,672.60	\$ 1,000.00	\$ 9,000.00	\$ 1,800.00	\$ 16,200.00
D-751-5.3	Drainage Structure Frame and Cover, Aircraft Rated	EACH	5	\$ 1,500.00	\$ 7,500.00	\$ 880.00	\$ 4,400.00	\$ 1,500.00	\$ 7,500.00	\$ 2,234.00	\$ 11,170.00	\$ 750.00	\$ 3,750.00	\$ 1,100.00	\$ 5,500.00
D-751-5.4	Drainage Structure Frame and Cover, Non-Aircraft Rated	EACH	5	\$ 900.00	\$ 4,500.00	\$ 650.00	\$ 3,250.00	\$ 750.00	\$ 3,750.00	\$ 570.70	\$ 2,853.50	\$ 500.00	\$ 2,500.00	\$ 660.00	\$ 3,300.00
T-901-5.1	Seeding, Hydroseed with Fertilizer and Mulch	ACRE	11	\$ 3,000.00	\$ 33,000.00	\$ 2,500.00	\$ 27,500.00	\$ 4,650.00	\$ 51,150.00	\$ 3,125.60	\$ 34,381.60	\$ 6,000.00	\$ 66,000.00	\$ 3,900.00	\$ 42,900.00
T-905-5.1	Topsiiling, Obtained from On-Site Cut	CYD	6,000	\$ 15.00	\$ 90,000.00	\$ 2.00	\$ 12,000.00	\$ 5.50	\$ 33,000.00	\$ 20.40	\$ 122,400.00	\$ 1.00	\$ 6,000.00	\$ 17.00	\$ 102,000.00
L-108-5.1	1/C No. 8 AWG, 5kV, L824, Type C, Unshielded Cable, Installed in Trench, Duct Bank or Conduit	LFT	36,000	\$ 2.00	\$ 72,000.00	\$ 2.00	\$ 72,000.00	\$ 2.00	\$ 72,000.00	\$ 1.90	\$ 68,400.00	\$ 1.75	\$ 63,000.00	\$ 2.00	\$ 72,000.00
L-108-5.2	1/C No. 6 AWG, Solid, Bare Counterpoise Wire, Installed in Trench, Including Ground Rods and Ground Connectors	LFT	17,500	\$ 1.25	\$ 21,875.00	\$ 1.50	\$ 26,250.00	\$ 1.00	\$ 17,500.00	\$ 1.10	\$ 19,250.00	\$ 1.00	\$ 17,500.00	\$ 1.20	\$ 21,000.00
L-109-5.1	Electrical Vault Modifications	LSUM	1	\$ 2,000.00	\$ 2,000.00	\$ 35,250.00	\$ 35,250.00	\$ 2,000.00	\$ 2,000.00	\$ 1,970.10	\$ 1,970.10	\$ 1,800.00	\$ 1,800.00	\$ 2,200.00	\$ 2,200.00
L-110-5.1	Schedule 40 PVC Conduit, 2", Direct Buried	LFT	17,100	\$ 5.50	\$ 94,050.00	\$ 9.50	\$ 162,450.00	\$ 5.75	\$ 98,325.00	\$ 5.70	\$ 97,470.00	\$ 5.25	\$ 89,775.00	\$ 6.00	\$ 102,600.00
L-110-5.2	Concrete Encased Duct Bank, 1 Way 2 Inch	LFT	30	\$ 40.00	\$ 1,200.00	\$ 51.00	\$ 1,530.00	\$ 44.00	\$ 1,320.00	\$ 43.80	\$ 1,314.00	\$ 40.00	\$ 1,200.00	\$ 50.00	\$ 1,500.00
L-110-5.3	Concrete Encased Duct Bank, 2 Way 2 Inch	LFT	50	\$ 50.00	\$ 2,500.00	\$ 57.00	\$ 2,850.00	\$ 50.00	\$ 2,500.00	\$ 49.30	\$ 2,465.00	\$ 45.00	\$ 2,250.00	\$ 55.00	\$ 2,750.00
L-110-5.4	Concrete Encased Duct Bank, 2 Way 4 Inch	LFT	60	\$ 75.00	\$ 4,500.00	\$ 66.00	\$ 3,960.00	\$ 55.00	\$ 3,300.00	\$ 54.70	\$ 3,282.00	\$ 50.00	\$ 3,000.00	\$ 55.00	\$ 3,300.00
L-110-5.5	Concrete Encased Duct Bank, 4 Way 4 Inch	LFT	40	\$ 100.00	\$ 4,000.00	\$ 87.00	\$ 3,480.00	\$ 90.00	\$ 3,600.00	\$ 93.00	\$ 3,720.00	\$ 85.00	\$ 3,400.00	\$ 100.00	\$ 4,000.00
L-110-5.6	Concrete Encased Duct Bank, 6 Way 4 Inch	LFT	40	\$ 150.00	\$ 6,000.00	\$ 100.00	\$ 4,000.00	\$ 150.00	\$ 6,000.00	\$ 153.20	\$ 6,128.00	\$ 140.00	\$ 5,600.00	\$ 160.00	\$ 6,400.00
L-115-5.1	Aircraft Rated Electrical Manhole	EACH	8	\$ 6,800.00	\$ 54,400.00	\$ 8,000.00	\$ 64,000.00	\$ 7,100.00	\$ 56,800.00	\$ 7,059.40	\$ 56,475.20	\$ 6,450.00	\$ 51,600.00	\$ 6,800.00	\$ 54,400.00
L-115-5.2	L-867 Junction Can	EACH	8	\$ 1,000.00	\$ 8,000.00	\$ 1,200.00	\$ 9,600.00	\$ 1,050.00	\$ 8,400.00	\$ 1,067.10	\$ 8,536.80	\$ 975.00	\$ 7,800.00	\$ 1,100.00	\$ 8,800.00
L-115-5.3	Remove Aircraft Rated Electrical Manhole	EACH	8	\$ 500.00	\$ 4,000.00	\$ 1,900.00	\$ 15,200.00	\$ 550.00	\$ 4,400.00	\$ 547.20	\$ 4,377.60	\$ 500.00	\$ 4,000.00	\$ 700.00	\$ 5,600.00
L-115-5.4	Remove Existing Junction Can	EACH	2	\$ 200.00	\$ 400.00	\$ 430.00	\$ 860.00	\$ 275.00	\$ 550.00	\$ 273.60	\$ 547.20	\$ 250.00	\$ 500.00	\$ 300.00	\$ 600.00
L-125-5.1	Install New Taxiway Edge Light on New Base, In Shoulder Pavement	EACH	121	\$ 1,700.00	\$ 205,700.00	\$ 2,300.00	\$ 278,300.00	\$ 1,975.00	\$ 238,975.00	\$ 1,970.10	\$ 238,382.10	\$ 1,800.00	\$ 217,800.00	\$ 2,000.00	\$ 242,000.00
L-125-5.2	Install New Taxiway Edge Light on New Base, In Turf	EACH	18	\$ 1,000.00	\$ 18,000.00	\$ 2,000.00	\$ 36,000.00	\$ 1,400.00	\$ 25,200.00	\$ 1,395.50	\$ 25,119.00	\$ 1,275.00	\$ 22,950.00	\$ 1,400.00	\$ 25,200.00
L-125-5.3	Install New Taxiway Edge Light on Existing Base, In Turf	EACH	8	\$ 450.00	\$ 3,600.00	\$ 470.00	\$ 3,760.00	\$ 465.00	\$ 3,720.00	\$ 465.20	\$ 3,721.60	\$ 425.00	\$ 3,400.00	\$ 500.00	\$ 4,000.00
L-125-5.4	Install Existing L-850C Runway Edge Light, In Pavement, On Existing Base	EACH	2	\$ 1,000.00	\$ 2,000.00	\$ 610.00	\$ 1,220.00	\$ 380.00	\$ 760.00	\$ 383.10	\$ 766.20	\$ 350.00	\$ 700.00	\$ 450.00	\$ 900.00
L-125-5.5	L-804 Runway Guard Light in Shoulder Pavement	EACH	6	\$ 4											