

SECTION 7

BID PROPOSAL

P. Flanigan & Sons, Incorporated

Name of Firm

52-0313970

Federal Tax ID or Social Security Number

2444 Loch Raven Road, Baltimore, MD 21218

Address

MADE THIS 25th DAY OF June, 2020

CONTRACT NUMBER: MAA-CO-21-003

CONTRACT TITLE: Taxiway T Reconstruction Phase 1A

BIDS DUE: June 25, 2020 at 02:00:00 PM
Date and Time

BID OPENING: June 25, 2020 at 02:30:00 PM
Date and Time

A. TIME OF COMPLETION:

1. **195 Calendar Days**

B. LIQUIDATED DAMAGES:

1. **\$2,000.00 per Calendar Day**

C. BASIS OF AWARD:

1. The Maryland Aviation Administration will award this Contract to the responsible Bidder with the lowest responsive bid based on the TOTAL BASE BID and any combination of ADD or DEDUCT ALTERNATES included in the Contract Documents, whichever is in the best interest of the State.

D. NOTICE OF AWARD:

Notice of award as described in Standard Provisions, General Provisions, Sections **GP-2.19** and **GP-3.01** will be issued within one hundred twenty (120) days of bid opening.

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E. BID GUARANTY:

Five percent (5%) of total bid (Not required when bid is less than One Hundred Thousand Dollars (\$100,000.00)).

TO THE MARYLAND DEPARTMENT OF TRANSPORTATION, MARYLAND AVIATION ADMINISTRATION

GENTLEMEN:

- A. The undersigned hereby declares to have carefully examined the Contract Documents entitled:

Contract Number: MAA-CO-21-003

Contract Title: Taxiway T Reconstruction Phase 1A

and to have examined the other Contract Documents (including the Standard Provisions, Addendum(s), Bid Forms, and Contract Forms), and to have carefully inspected the site(s) whereon the proposed work is to be performed.

- B. The undersigned proposes and agrees to furnish all labor, materials, equipment and services necessary for the above said project for the Maryland Aviation Administration in accordance with the Specifications, and other Contract Documents including:

1. All Addendum(s) issued by the Maryland Aviation Administration

at the Unit Prices Bid as delineated on the Bid Tabulation Forms, or at the Lump Sum Price Bid as stipulated in the Contract Documents.

- C. The undersigned hereby acknowledges and declares to have visited the internet web site **<https://www.airportal.maa.maryland.gov>**, **Standard Provisions for Construction Contracts**, and carefully examined the following documents and proposes and agrees to furnish all labor, materials, equipment and services necessary for the Maryland Aviation Administration in accordance with all Contract Documents including:

1. Standard Provisions for Construction Contracts, Volume I, General Provisions:
As Dated: October 2017

2. Standard Provisions for Construction Contracts, Volume II, Special Provisions
As Dated: October 2017

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3. Interim Standard Provisions Addendums to
Standard Provisions for Construction Contracts (ISPA):
Dated: N/A

at the Unit Prices Bid as delineated on the Bid Tabulation Forms, or at the Lump Sum Price Bid as stipulated in the Contract Documents.

I further acknowledge that I had no problems accessing the above referenced website and the documents listed above. I further acknowledge that I had the opportunity to print and or download the referenced documents, if I desired to do so.

- D. The prices shown on the Bid Tabulation Forms for the Contract entitled:

Contract Number: MAA-CO-21-003

Contract Title: Taxiway T Reconstruction Phase 1A

include and cover the furnishing of all materials and labor requisite and proper, and the providing of all necessary machinery, tools, apparatus, and means for performing the work, as set forth, described, and shown in the Contract Drawings, Specifications and other Contract Documents.

- E. The undersigned affirms that Bid has been executed in accordance with General Provisions, Section **GP-2.06**, titled "Preparation of Bid".

FOR CORPORATIONS:

- A. The undersigned Corporation affirms that it is X is not registered with the Maryland State Department of Assessments and Taxation and, if registered, is in good standing.
- B. If not registered with the Maryland State Department of Assessments and Taxation, see Special Provision, Section **SP-2.03**, titled "Corporate Registration".

Construction Firm License Number: 30682131

Date of Issue: April 15, 2020

Place of Issuance: Baltimore, MD

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In Presence of:
Witness:

Individual Principal

_____ as to _____ (Seal)

In Presence of:
Witness:

Co-Partnership Principal

_____ as to By: _____ (Seal)

_____ as to By: _____ (Seal)

_____ as to By: _____ (Seal)

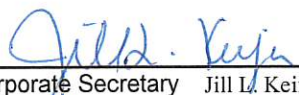
Corporate Principal

P. Flanigan & Sons, Incorporated

Name of Corporation (Seal)

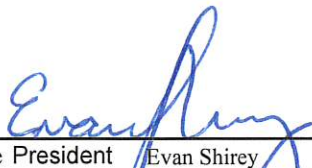
Attest:

Assistant



Corporate Secretary Jill L. Keifer

By:



Vice President Evan Shirey (Seal)

BID TABULATION FORM
MAA-CO-21-003
TAXIWAY T RECONSTRUCTION PHASE 1A
FOR
BALTIMORE/WASHINGTON INTERNATIONAL THURGOOD MARSHALL AIRPORT

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
1	329115X.1	SALVAGED TOPSOIL, 2-INCH DEPTH	SY	330	\$ 5.80	\$ 1,914.00
2	329202X.1	SODDING	SY	330	\$ 8.85	\$ 2,920.50
3	X-95-5.1	VACUUM EXCAVATION TEST PIT	EA	20	\$ 2,770.00	\$ 55,400.00
4	C-102-5.1	TEMPORARY STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$ 7,100.00	\$ 7,100.00
5	C-102-5.2	TEMPORARY CONCRETE WASHOUT STRUCTURE	EA	1	\$ 16,500.00	\$ 16,500.00
6	C-102-5.3	TEMPORARY REMOVABLE PUMPING STATION	EA	1	\$ 12,000.00	\$ 12,000.00
7	C-102-5.4	TEMPORARY PORTABLE SEDIMENT TANK	EA	1	\$ 2,660.00	\$ 2,660.00
8	C-102-5.5	TEMPORARY AT-GRADE INLET PROTECTION	EA	3	\$ 820.00	\$ 2,460.00
9	C-102-5.6	TEMPORARY SUPER SILT FENCE	LF	259	\$ 15.50	\$ 4,014.50
10	C-102-5.7	TEMPORARY FILTER LOG	LF	648	\$ 14.00	\$ 9,072.00
11	C-102-5.8	TEMPORARY SAND BAG DIKE	LF	284	\$ 27.00	\$ 7,668.00

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
12	C-102-5.9	TEMPORARY TRENCH DRAIN PROTECTION	SY	296	\$ 25.40	\$ 7,518.40
13	P-101-5.1	PORTLAND CEMENT CONCRETE PAVEMENT REMOVAL	SY	480	\$ 50.00	\$ 24,000.00
14	P-101-5.2	BITUMINOUS CONCRETE PAVEMENT REMOVAL - FULL STRENGTH	SY	12,170	\$ 15.50	\$ 188,635.00
15	P-101-5.3	BITUMINOUS CONCRETE PAVEMENT REMOVAL - SHOULDER STRENGTH	SY	1155	\$ 7.30	\$ 8,431.50
16	P-101-5.4	PAVEMENT SURFACE MILLING - 3 INCH TO 6 INCH DEPTH	SY	240	\$ 52.00	\$ 12,480.00
17	P-101-5.7	UNDERDRAIN PIPE REMOVAL	LF	340	\$ 19.00	\$ 6,460.00
18	P-101-5.8	UNDERDRAIN CLEANOUT REMOVAL	EA	1	\$ 95.00	\$ 95.00
19	P-152-4.2	UNCLASSIFIED EXCAVATION	CY	245	\$ 149.00	\$ 36,505.00
20	P-152-4.3	UNSUITABLE EXCAVATION (CONTINGENCY FOR UNDERCUTTING)	CY	300	\$ 52.00	\$ 15,600.00
21	P-152-4.4	AASHTO NO. 3 STONE (CONTINGENCY FOR UNDERCUTTING)	TON	430	\$ 38.00	\$ 16,340.00
22	P-153-6.1	CONTROLLED LOW-STRENGTH MATERIAL (CLSM) (CONTINGENCY FOR BACKFILLING)	CY	100	\$ 130.00	\$ 13,000.00
23	P-156-8.1	CEMENT TREATED SUBGRADE - 12-INCH DEPTH	SY	13,800	\$ 14.30	\$ 197,340.00
24	P-209-5.1	CRUSHED AGGREGATE BASE COURSE	CY	2,595	\$ 74.50	\$ 193,327.50
25	P-306-8.1	LEAN CONCRETE BASE COURSE	CY	190	\$ 180.00	\$ 34,200.00

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
26	P-401-8.1	BITUMINOUS CONCRETE SURFACE/BASE COURSE, GRADATION 2 (PG 76-22)	TON	4,810	\$ 81.50	\$ 392,015.00
27	P-501-8.1	PORTLAND CEMENT CONCRETE PAVEMENT, 17- INCH DEPTH	SY	12,170	\$ 107.00	\$ 1,302,190.00
28	P-603-5.1	EMULSIFIED ASPHALT TACK COAT	GAL	350	\$ 3.10	\$ 1,085.00
29	P-620-5.1	PERMANENT PAVEMENT MARKING - WATERBORNE	SF	1,770	\$ 5.40	\$ 9,558.00
30	P-620-5.2	PERMANENT PREFORMED PAVEMENT MARKING - THERMOPLASTIC - FAA	SF	3,130	\$ 21.50	\$ 67,295.00
31	P-620-5.3	TEMPORARY PAVEMENT MARKING-WATERBORNE	SF	1,770	\$ 2.40	\$ 4,248.00
32	P-620-5.4	PAVEMENT MARKING REMOVAL	SF	160	\$ 16.20	\$ 2,592.00
33	D-701-5.1	10-INCH DUCTILE IRON PIPE (CLASS 52)	LF	30	\$ 709.00	\$ 21,270.00
34	D-705-5.1	6-INCH PERFORATED UNDERDRAIN PIPE - COMPLETE (INCLUDING EXCAVATION, POROUS BACKFILL, AND FILTER FABRIC)	LF	1,010	\$ 110.00	\$ 111,100.00
35	D-705-5.2	6-INCH NON-PERFORATED PIPE - COMPLETE (INCLUDING EXCAVATION AND BACKFILL)	LF	90	\$ 123.00	\$ 11,070.00
36	D-751-5.1	TRENCH DRAIN INSTALLATION	LF	190	\$ 1,348.00	\$ 256,120.00
37	D-751-5.2	TRENCH DRAIN END CAPS	LS	1	\$ 4,190.00	\$ 4,190.00

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
38	D-751-5.3	UNDERDRAIN CLEANOUT/COLLECTION STRUCTURE, ANY TYPE	EA	7	\$ 3,760.00	\$ 26,320.00
39	D-751-5.4	ABANDON EXISTING TRENCH DRAIN	LS	1	\$ 10,715.00	\$ 10,715.00
40	L-100-8.1	TEMPORARY ELECTRICAL TO SUPPORT AIRFIELD LIGHTING CIRCUITS	LS	1	\$ 20,475.00	\$ 20,475.00
41	L-108-5.1	1/C #8 5KV, FAA L824 TYPE B CABLE, INSTALLED IN DUCT BANK OR CONDUIT	LF	2,600	\$ 4.20	\$ 10,920.00
42	L-108-5.2	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS	LF	1,300	\$ 3.15	\$ 4,095.00
43	L-108-5.3	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS FOR EXISTING UTILITIES	LF	1,000	\$ 5.25	\$ 5,250.00
44	L-110-5.1	2" PVC SCHEDULE 40 CONDUIT, CONCRETE- ENCASED UNDER NEW PAVEMENT, INSTALLED COMPLETE IN PLACE	LF	1,150	\$ 89.00	\$ 102,350.00
45	L-110-5.2	2" PVC DRAIN OF LIGHT FIXTURE TO UNDERDRAIN	LF	350	\$ 78.50	\$ 27,475.00
46	L-125-5.1	REINSTALL EXISTING L-861T(L) TAXIWAY ELEVATED EDGE LIGHT FIXTURE ON NEW L-867B LIGHT BASE IN AC PAVEMENT, WITH TRANSFORMER AND ACCESSORIES, INSTALLED COMPLETE IN PLACE	EA	2	\$ 3,465.00	\$ 6,930.00
47	L-125-5.2	INSTALL NEW L-861T (L) TAXIWAY ELEVATED EDGE LIGHT FIXTURE ON NEW L-867B LIGHT BASE IN AC PAVEMENT, WITH TRANSFORMER AND ACCESSORIES, INSTALLED COMPLETE IN PLACE	EA	1	\$ 3,780.00	\$ 3,780.00

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
48	L-125-5.3	INSTALL NEW L-852C (L) TAXIWAY SEMI-FLUSH CENTERLINE LIGHT FIXTURE ON NEW L-868B LIGHT BASE IN PCC PAVEMENT, WITH TRANSFORMER AND ACCESSORIES, INSTALLED COMPLETE IN PLACE	EA	14	\$ 4,300.00	\$ 60,200.00
49	L-125-5.4	UNLIT L-858Y/R/L(L) AIRPORT TAXIWAY SIGN (2 MODULE, SIZE 3, STYLE 2)	EA	1	\$ 4,620.00	\$ 4,620.00
50	L-128-4.1	REMOVAL OF EXISTING CENTERLINE LIGHTS, BASE CANS, AND ASSOCIATED ELECTRICAL ITEMS, SALVAGE EXISTING LED EDGE LIGHT FIXTURE	EA	14	\$ 420.00	\$ 5,880.00
51	L-128-4.2	REMOVAL OF CONCRETE ENCASED CONDUIT INCLUDING ASSOCIATED CABLE	LF	1,200	\$ 13.00	\$ 15,600.00
52	L-128-4.3	REMOVAL OF EXISTING ELEVATED EDGE LIGHTS, BASE CANS AND ASSOCIATED ELECTRICAL ITEMS, PROTECT EXISTING LED EDGE LIGHT FIXTURE FOR REINSTALLATION	EA	2	\$ 420.00	\$ 840.00
53	L-128-4.4	REMOVAL OF ABANDONED BASE CANS	EA	8	\$ 1,740.00	\$ 13,920.00

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
SUBTOTAL 1 (Total of Bid Item Nos. 1 through 53)		Three Million Three Hundred Seventy-Seven Thousand Seven Hundred Forty-Four Dollars and Forty Cents				\$ 3,377,744.40
54	010004X.1	TEMPORARY CONSTRUCTION ITEMS (shall not exceed 3% of SUBTOTAL 1)	LS	1	\$ 101,300.00	\$ 101,300.00
SUBTOTAL 2 (Total of SUBTOTAL 1 through Bid Item No. 54)		Three Million Four Hundred Seventy-Nine Thousand Forty-Four Dollars and Forty Cents				\$ 3,479,044.40
55	010001X.1	MOBILIZATION/DEMOBILIZATION (shall not exceed 5% of SUBTOTAL 2)	LS	1	\$ 173,900.00	\$ 173,900.00
SUBTOTAL 3 (Total of SUBTOTAL 2 through Bid Item No. 55)		Three Million Six Hundred Fifty-Two Thousand Nine Hundred Forty-Four Dollars and Forty Cents				\$ 3,652,944.40
56	010005X.1	SECURITY MATERIALS/EQUIPMENT (amount not less than 6% of SUBTOTAL 3)	LS	1	\$ 450,000.00	\$ 450,000.00
SUBTOTAL 4 (Total of SUBTOTAL 3 through Bid Item No. 56)		Four Million One Hundred Two Thousand Nine Hundred Forty-Four Dollars and Forty Cents				\$ 4,102,944.40
57	010002X.1	CONSTRUCTION QUALITY CONTROL PLAN (amount not less than 3% of SUBTOTAL 3)	LS	1	\$ 500,000.00	\$ 500,000.00

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
SUBTOTAL 5 (Total of SUBTOTAL 4 through Bid Item No. 57)		Four Million Six Hundred Two Thousand Nine Hundred Forty-Four Dollars and Forty Cents				\$ 4,602,944.40
58	012100.1	MISCELLANEOUS CONSTRUCTION ALLOWANCE	ALLOW	1	\$504,000	\$ 504,000.00
59	010002X.2	CONSTRUCTION QUALITY CONTROL PLAN FOR MISCELLANEOUS CONSTRUCTION ALLOWANCE (amount not less than 3% of item 012100.1)	LS	1	\$ 15,125.00	\$ 15,125.00
SUBTOTAL 6 (Total of SUBTOTAL 5 through Bid Item 59)		Five Million One Hundred Twenty-Two Thousand Sixty-Nine Dollars and Forty Cents				\$ 5,122,069.40
60	012100.2	PARTNERING ALLOWANCE	ALLOW	1	\$150,000	\$150,000
TOTAL BASE BID (Total of SUBTOTAL 6 through Bid Item No. 60)		Five Million Two Hundred Seventy-Two Thousand Sixty-Nine Dollars and Forty Cents				\$ 5,272,069.40

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BID TABULATION FORM

ADD ALTERNATE 1: GATE A7

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
61	X-95-5.1	VACUUM EXCAVATION TEST PIT	EA	10	\$ 2,770.00	\$ 27,700.00
62	C-102-5.1	TEMPORARY STABILIZED CONSTRUCTION ENTRANCE2	EA	1	\$ 2,290.00	\$ 2,290.00
63	C-102-5.3	TEMPORARY REMOVABLE PUMPING STATION	EA	1	\$ 2,900.00	\$ 2,900.00
64	C-102-5.4	TEMPORARY PORTABLE SEDIMENT TANK	EA	1	\$ 2,320.00	\$ 2,320.00
65	C-102-5.5	TEMPORARY AT-GRADE INLET PROTECTION	EA	1	\$ 2,000.00	\$ 2,000.00
66	C-102-5.7	TEMPORARY FILTER LOG	LF	140	\$ 22.00	\$ 3,080.00
67	C-102-5.8	TEMPORARY SAND BAG DIKE	LF	130	\$ 23.00	\$ 2,990.00
68	C-102-5.9	TEMPORARY TRENCH DRAIN PROTECTION	SY	16	\$ 94.25	\$ 1,508.00
69	P-101-5.2	BITUMINOUS CONCRETE PAVEMENT REMOVAL - FULL STRENGTH	SY	2,555	\$ 18.40	\$ 47,012.00
70	P-152-4.2	UNCLASSIFIED EXCAVATION	CY	260	\$ 68.00	\$ 17,680.00
71	P-152-4.3	UNSUITABLE EXCAVATION (CONTINGENCY FOR UNDERCUTTING)	CY	100	\$ 63.70	\$ 6,370.00
72	P-152-4.4	AASHTO NO. 3 STONE (CONTINGENCY FOR UNDERCUTTING)	TON	145	\$ 33.00	\$ 4,785.00

MAA-CO-21-003
Taxiway T Reconstruction Phase 1A
at BWI Thurgood Marshall Airport

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Bid Documents
Bid Proposals
Addendum 2 - 16 June 2020

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
73	P-153-6.1	CONTROLLED LOW-STRENGTH MATERIAL (CLSM) (CONTINGENCY FOR BACKFILLING)	CY	50	\$ 130.00	\$ 6,500.00
74	P-156-8.1	CEMENT TREATED SUBGRADE - 12-INCH DEPTH	SY	2,615	\$ 15.15	\$ 39,617.25
75	P-209-5.1	CRUSHED AGGREGATE BASE COURSE	CY	485	\$ 82.75	\$ 40,133.75
76	P-401-8.1	BITUMINOUS CONCRETE SURFACE/BASE COURSE, GRADATION 2 (PG 76-22)	TON	860	\$ 90.75	\$ 78,045.00
77	P-501-8.1	PORTLAND CEMENT CONCRETE PAVEMENT, 17- INCH DEPTH	SY	2,560	\$ 125.00	\$ 320,000.00
78	P-603-5.1	EMULSIFIED ASPHALT TACK COAT	GAL	9	\$ 3.10	\$ 27.90
79	P-620-5.1	PERMANENT PAVEMENT MARKING - WATERBORNE	SF	390	\$ 5.40	\$ 2,106.00
80	P-620-5.2	PERMANENT PREFORMED PAVEMENT MARKING -THERMOPLASTIC- FAA	SF	440	\$ 21.50	\$ 9,460.00
81	P-620-5.3	TEMPORARY PAVEMENT MARKING- WATERBORNE	SF	390	\$ 2.40	\$ 936.00
82	L-108-5.1	1/C #8 5KV, FAA L824 TYPE B CABLE, INSTALLED IN DUCT BANK OR CONDUIT	LF	300	\$ 4.20	\$ 1,260.00
83	L-108-5.2	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS	LF	150	\$ 3.15	\$ 472.50
84	L-108-5.3	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS FOR EXISTING UTILITIES	LF	400	\$ 5.25	\$ 2,100.00

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Taxiway T Reconstruction Phase 1A
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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
85	L-110-5.1	2" PVC SCHEDULE 40 CONDUIT, CONCRETE- ENCASED UNDER NEW PAVEMENT, INSTALLED COMPLETE IN PLACE	LF	100	\$ 89.00	\$ 8,900.00
86	L-125-5.3	INSTALL NEW L-852C (L) TAXIWAY SEMI-FLUSH CENTERLINE LIGHT FIXTURE ON NEW L-868B LIGHT BASE IN PCC PAVEMENT, WITH TRANSFORMER AND ACCESSORIES, INSTALLED COMPLETE IN PLACE	EA	3	\$ 4,305.00	\$ 12,915.00
87	L-128-4.1	REMOVAL OF EXISTING CENTERLINE LIGHTS, BASE CANS, AND ASSOCIATED ELECTRICAL ITEMS, LIGHT FIXTURES TO BE REINSTALLED	EA	3	\$ 420.00	\$ 1,260.00
88	L-128-4.2	REMOVAL OF CONCRETE ENCASED CONDUIT INCLUDING ASSOCIATED CABLE	LF	150	\$ 29.75	\$ 4,462.50
SUBTOTAL 1A (Total of Bid Item Nos. 61- 88)		Six Hundred Forty-Eight Thousand Eight Hundred Thirty Dollars and Ninety Cents				\$ 648,830.90
89	010004X.2	TEMPORARY CONSTRUCTION ITEMS FOR ADD ALT 1 (shall not exceed 3% of SUBTOTAL 1A)	LS	1	\$ 19,400.00	\$ 19,400.00
SUBTOTAL 1B (Total of SUBTOTAL 1A through Bid Item 89)		Six Hundred Sixty-Eight Thousand Two Hundred Thirty Dollars and Ninety Cents				\$ 668,230.90
90	010001X.2	MOBILIZATION/DEMOLITION FOR ADD ALT 1 (shall not exceed 5% of SUBTOTAL 1B)	LS	1	\$ 33,400.00	\$ 33,400.00

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BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
SUBTOTAL 1C (Total of SUBTOTAL 1B through Bid Item No. 90)		Seven Hundred One Thousand Six Hundred Thirty _____ Dollars and Ninety Cents				\$ 701,630.90
91	010005X.2	SECURITY MATERIALS/EQUIPMENT FOR ADD ALT 1 (amount not less than 6% of SUBTOTAL 1C)	LS	1	\$ 60,000.00	\$ 60,000.00
SUBTOTAL 1D (Total of SUBTOTAL 1C through Bid Item No. 91)		Seven Hundred Sixty-One Thousand Six Hundred Thirty _____ Dollars and Ninety Cents				\$ 761,630.90
92	010002X.3	CONSTRUCTION QUALITY CONTROL PLAN FOR ADD ALT 1 (amount not less than 3% of SUBTOTAL 1C)	LS	1	\$ 50,000.00	\$ 50,000.00
SUBTOTAL 1E (Total of SUBTOTAL 1D through Bid Item No. 92)		Eight Hundred Eleven Thousand Six Hundred Thirty _____ Dollars and Ninety Cents				\$ 811,630.90
93	012100.3	MISCELLANEOUS CONSTRUCTION ALLOWANCE FOR ADD ALT 1	ALLOW	1	\$118,000	\$ 118,000.00
94	010002X.4	CONSTRUCTION QUALITY CONTROL PLAN FOR MISCELLANEOUS CONSTRUCTION ALLOWANCE FOR ADD ALT 1 (amount not less than 3% of item 012100.3)	LS	1	\$ 3,550.00	\$ 3,550.00
TOTAL ADD ALTERNATE 1 (Total of SUBTOTAL 1E through Bid Item No. 94)		Nine Hundred Thirty-Three Thousand One Hundred Eighty _____ Dollars and Ninety Cents				\$ 933,180.90

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ADD ALTERNATE 2: GATE A9

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
95	X-95-5.1	VACUUM EXCAVATION TEST PIT	EA	10	\$ 2,770.00	\$ 27,700.00
96	C-102-5.1	TEMPORARY STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$ 1,700.00	\$ 1,700.00
97	C-102-5.3	TEMPORARY REMOVABLE PUMPING STATION	EA	1	\$ 2,330.00	\$ 2,330.00
98	C-102-5.4	TEMPORARY PORTABLE SEDIMENT TANK	EA	1	\$ 1,740.00	\$ 1,740.00
99	C-102-5.7	TEMPORARY FILTER LOG	LF	332	\$ 11.50	\$ 3,818.00
100	C-102-5.9	TEMPORARY TRENCH DRAIN PROTECTION	SY	42	\$ 33.00	\$ 1,386.00
101	P-101-5.1	PORTLAND CEMENT CONCRETE PAVEMENT REMOVAL	SY	215	\$ 57.90	\$ 12,448.50
102	P-101-5.2	BITUMINOUS CONCRETE PAVEMENT REMOVAL - FULL STRENGTH	SY	2,235	\$ 17.50	\$ 39,112.50
103	P-152-4.2	UNCLASSIFIED EXCAVATION	CY	260	\$ 68.00	\$ 17,680.00
104	P-152-4.3	UNSUITABLE EXCAVATION (CONTINGENCY FOR UNDERCUTTING)	CY	100	\$ 63.70	\$ 6,370.00
105	P-152-4.4	AASHTO NO. 3 STONE (CONTINGENCY FOR UNDERCUTTING)	TON	145	\$ 33.00	\$ 4,785.00
106	P-153-6.1	CONTROLLED LOW-STRENGTH MATERIAL (CLSM) (CONTINGENCY FOR BACKFILLING)	CY	50	\$ 130.00	\$ 6,500.00

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
107	P-156-8.1	CEMENT TREATED SUBGRADE – 12-INCH DEPTH	SY	2,445	\$ 15.15	\$ 37,041.75
108	P-209-5.1	CRUSHED AGGREGATE BASE COURSE	CY	450	\$ 86.50	\$ 38,925.00
109	P-401-8.1	BITUMINOUS CONCRETE SURFACE/BASE COURSE, GRADATION 2 (PG 76-22)	TON	800	\$ 93.00	\$ 74,400.00
110	P-501-8.1	PORTLAND CEMENT CONCRETE PAVEMENT, 17- INCH DEPTH	SY	2,400	\$ 122.00	\$ 292,800.00
111	P-603-5.1	EMULSIFIED ASPHALT TACK COAT	GAL	6	\$ 3.10	\$ 18.60
112	P-620-5.1	PERMANENT PAVEMENT MARKING - WATERBORNE	SF	160	\$ 5.40	\$ 864.00
113	P-620-5.2	PERMANENT PREFORMED PAVEMENT MARKING – THERMOPLASTIC - FAA	SF	460	\$ 21.50	\$ 9,890.00
114	P-620-5.3	TEMPORARY PAVEMENT MARKING-WATERBORNE	SF	160	\$ 2.40	\$ 384.00
115	L-108-5.1	1/C #8 5KV, FAA L824 TYPE B CABLE, INSTALLED IN DUCT BANK OR CONDUIT	LF	300	\$ 4.20	\$ 1,260.00
116	L-108-5.2	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS	LF	150	\$ 3.15	\$ 472.50
117	L-108-5.3	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS FOR EXISTING UTILITIES	LF	400	\$ 5.25	\$ 2,100.00
118	L-110-5.1	2" PVC SCHEDULE 40 CONDUIT, CONCRETE- ENCASED UNDER NEW PAVEMENT, INSTALLED COMPLETE IN PLACE	LF	150	\$ 89.00	\$ 13,350.00

MAA-CO-21-003
Taxiway T Reconstruction Phase 1A
at BWI Thurgood Marshall Airport

P. Flanigan & Sons, Incorporated

BF.52

Bid Documents
Bid Proposals
Addendum 2 - 16 June 2020

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
119	L-110-5.2	2" PVC DRAIN OF LIGHT FIXTURE TO UNDERDRAIN	LF	100	\$ 78.75	\$ 7,875.00
120	L-125-5.3	INSTALL NEW L-861T (L) TAXIWAY SEMI-FLUSH CENTERLINE LIGHT FIXTURE ON NEW L-868B LIGHT BASE IN PCC PAVEMENT, WITH TRANSFORMER AND ACCESSORIES, INSTALLED COMPLETE IN PLACE	EA	3	\$ 4,305.00	\$ 12,915.00
121	L-128-4.1	REMOVAL OF EXISTING CENTERLINE LIGHTS, BASE CANS, AND ASSOCIATED ELECTRICAL ITEMS, SALVAGE LED CENTERLINE LIGHT FIXTURE	EA	3	\$ 420.00	\$ 1,260.00
122	L-128-4.2	REMOVAL OF CONCRETE ENCASED CONDUIT INCLUDING ASSOCIATED CABLE	LF	150	\$ 29.75	\$ 4,462.50
SUBTOTAL 2A (Total of Bid Item Nos. 95–122)		Six Hundred Twenty-Three Thousand Five Hundred Eighty-Eight Dollars and Thirty-Five Cents				\$ 623,588.35
123	010004X.3	TEMPORARY CONSTRUCTION ITEMS FOR ADD ALT 2 (shall not exceed 3% of SUBTOTAL 2A)	LS	1	\$ 18,700.00	\$ 18,700.00
SUBTOTAL 2B (Total of Subtotal 2A through Bid Item 123)		Six Hundred Forty-Two Thousand Two Hundred Eighty-Eight Dollars and Thirty-Five Cents				\$ 642,288.35
124	010001X.3	MOBILIZATION/DEMObILIZATION FOR ADD ALT 2 (shall not exceed 5% of SUBTOTAL 2B)	LS	1	\$ 32,100.00	\$ 32,100.00

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
SUBTOTAL 2C (Total of SUBTOTAL 2B through Bid Item No. 124)		Six Hundred Seventy-Four Thousand Three Hundred Eighty-Eight Dollars and Thirty-Five Cents				\$ 674,388.35
125	010005X.3	SECURITY MATERIALS/EQUIPMENT FOR ADD ALT 2 (amount not less than 6% of SUBTOTAL 2C)	LS	1	\$ 60,000.00	\$ 60,000.00
SUBTOTAL 2D (Total of SUBTOTAL 2C through Bid Item No. 125)		Seven Hundred Thirty-Four Thousand Three Hundred Eighty-Eight Dollars and Thirty-Five Cents				\$ 734,388.35
126	010002X.5	CONSTRUCTION QUALITY CONTROL PLAN FOR ADD ALT 2 (amount not less than 3% of SUBTOTAL 2D)	LS	1	\$ 50,000.00	\$ 50,000.00
SUBTOTAL 2E (Total of SUBTOTAL 2D through Bid Item No. 126)		Seven Hundred Eighty-Four Thousand Three Hundred Eighty-Eight Dollars and Thirty-Five Cents				\$ 784,388.35
127	012100.4	MISCELLANEOUS CONSTRUCTION ALLOWANCE FOR ADD ALT 2	ALLOW	1	\$90,000	\$ 90,000.00
128	010002X.6	CONSTRUCTION QUALITY CONTROL PLAN FOR MISCELLANEOUS CONSTRUCTION ALLOWANCE FOR ADD ALT 2 (amount not less than 3% of item 012100.4)	LS	1	\$ 2,750.00	\$ 2,750.00
TOTAL ADD ALTERNATE 2 (Total of SUBTOTAL 2E through Bid Item No. 128)		Eight Hundred Seventy-Seven Thousand One Hundred Thirty-Eight Dollars and Thirty-Five Cents				\$ 877,138.35

SECTION 7**BID PROPOSAL****BID TABULATION FORM****ADD ALTERNATE 3: GATES B2 AND B4**

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
129	329115X.1	SALVAGED TOPSOIL, 2-INCH DEPTH	SY	340	\$ 5.70	\$ 1,938.00
130	329202X.1	SODDING	SY	340	\$ 8.75	\$ 2,975.00
131	X-95-5.1	VACUUM TEST PIT	EA	10	\$ 2,770.00	\$ 27,700.00
132	C-102-5.1	TEMPORARY STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$ 2,870.00	\$ 2,870.00
133	C-102-5.3	TEMPORARY REMOVABLE PUMPING STATION	EA	1	\$ 3,490.00	\$ 3,490.00
134	C-102-5.4	TEMPORARY PORTABLE SEDIMENT TANK	EA	1	\$ 2,900.00	\$ 2,900.00
135	C-102-5.6	TEMPORARY SUPER SILT FENCE	LF	322	\$ 8.30	\$ 2,672.60
136	C-102-5.7	TEMPORARY FILTER LOG	LF	178	\$ 18.45	\$ 3,284.10
137	C-102-5.9	TEMPORARY TRENCH DRAIN PROTECTION	SY	194	\$ 11.50	\$ 2,231.00
138	P-101-5.1	PORTLAND CEMENT CONCRETE PAVEMENT REMOVAL	SY	6,605	\$ 30.90	\$ 204,094.50
139	P-101-5.2	BITUMINOUS CONCRETE PAVEMENT REMOVAL - FULL STRENGTH	SY	5,290	\$ 16.40	\$ 86,756.00
140	P-101-5.3	BITUMINOUS CONCRETE PAVEMENT REMOVAL - SHOULDER STRENGTH	SY	885	\$ 13.00	\$ 11,505.00

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
141	P-101-5.5	PIPE REMOVAL (ANY SIZE, ANY TYPE)	LF	150	\$ 25.60	\$ 3,840.00
142	P-101-5.6	TRENCH DRAIN REMOVAL	LF	100	\$ 283.00	\$ 28,300.00
143	P-101-5.7	UNDERDRAIN PIPE REMOVAL	LF	330	\$ 25.65	\$ 8,464.50
144	P-101-5.8	UNDERDRAIN CLEANOUT REMOVAL	EA	2	\$ 128.30	\$ 256.60
145	P-101-5.9	SALVAGE, CLEAN AND REUSE CASTING	EA	3	\$ 1,295.00	\$ 3,885.00
146	P-152-4.1	SUBGRADE PREPARATION - APRON	SY	6,480	\$ 2.20	\$ 14,256.00
147	P-152-4.2	UNCLASSIFIED EXCAVATION	CY	630	\$ 71.80	\$ 45,234.00
148	P-152-4.3	UNSUITABLE EXCAVATION (CONTINGENCY FOR UNDERCUTTING)	CY	135	\$ 50.50	\$ 6,817.50
149	P-152-4.4	AASHTO NO. 3 STONE (CONTINGENCY FOR UNDERCUTTING)	TON	195	\$ 34.30	\$ 6,688.50
150	P-156-8.1	CEMENT TREATED SUBGRADE - 12-INCH DEPTH	SY	6,345	\$ 15.15	\$ 96,126.75
151	P-209-5.1	CRUSHED AGGREGATE BASE COURSE	CY	2,315	\$ 82.25	\$ 190,408.75
152	P-306-8.1	LEAN CONCRETE BASE COURSE	CY	5	\$ 613.00	\$ 3,065.00

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
153	P-401-8.1	BITUMINOUS CONCRETE SURFACE/BASE COURSE, GRADATION 2 (PG 76-22)	TON	4,240	\$ 83.50	\$ 354,040.00
154	P-501-8.1	PORTLAND CEMENT CONCRETE PAVEMENT, 17- INCH DEPTH	SY	5,350	\$ 110.75	\$ 592,245.00
155	P-501-8.2	PORTLAND CEMENT CONCRETE PAVEMENT, 16- INCH DEPTH	SY	6,480	\$ 98.20	\$ 636,336.00
156	P-603-5.1	EMULSIFIED ASPHALT TACK COAT	GAL	795	\$ 3.10	\$ 2,464.50
157	P-620-5.1	PERMANENT PAVEMENT MARKING - WATERBORNE	SF	4,600	\$ 3.25	\$ 14,950.00
158	P-620-5.2	PERMANENT PREFORMED PAVEMENT MARKING - THERMOPLASTIC - FAA	SF	1,810	\$ 21.50	\$ 38,915.00
159	P-620-5.3	TEMPORARY PAVEMENT MARKING-WATERBORNE	SF	2,600	\$ 2.40	\$ 6,240.00
160	P-620-5.4	PAVEMENT MARKING REMOVAL	SF	200	\$ 12.90	\$ 2,580.00
161	P-620-5.5	PREFORMED THERMOPLASTIC - SHA	SF	800	\$ 20.90	\$ 16,720.00
162	D-701-5.1	10-INCH DUCTILE IRON PIPE (CLASS 52)	LF	340	\$ 266.20	\$ 90,508.00
163	D-701-5.2	DIP CLEANOUT	EA	3	\$ 4,000.00	\$ 12,000.00
164	D-705-5.1	6-INCH PERFORATED UNDERDRAIN PIPE - COMPLETE (INCLUDING EXCAVATION, POROUS BACKFILL, AND FILTER FABRIC)	LF	330	\$ 144.00	\$ 47,520.00

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
165	D-751-5.1	TRENCH DRAIN INSTALLATION	LF	300	\$ 1,230.00	\$ 369,000.00
166	D-751-5.2	TRENCH DRAIN END CAPS	LS	1	\$ 7,770.00	\$ 7,770.00
167	D-751-5.3	UNDERDRAIN CLEANOUT/COLLECTION STRUCTURE, ANY TYPE	EA	2	\$ 4,770.00	\$ 9,540.00
168	L-108-5.1	1/C #8 5KV, FAA L824 TYPE B CABLE, INSTALLED IN DUCT BANK OR CONDUIT	LF	1,600	\$ 4.20	\$ 6,720.00
169	L-108-5.2	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS	LF	700	\$ 3.15	\$ 2,205.00
170	L-108-5.3	BARE COPPER #6 AWG COUNTERPOISE WIRE INCLUDING GROUND RODS AND GROUND CONNECTORS FOR EXISTING UTILITIES	LF	450	\$ 5.25	\$ 2,362.50
171	L-110-5.1	2" PVC SCHEDULE 40 CONDUIT, CONCRETE- ENCASED UNDER NEW PAVEMENT, INSTALLED COMPLETE IN PLACE	LF	700	\$ 89.25	\$ 62,475.00
172	L-110-5.2	2" PVC DRAIN OF LIGHT FIXTURE TO UNDERDRAIN	LF	200	\$ 78.75	\$ 15,750.00
173	L-125-5.1	REINSTALL EXISTING L-861T(L) TAXIWAY ELEVATED EDGE LIGHT FIXTURE ON NEW L-867B LIGHT BASE IN AC PAVEMENT, WITH TRANSFORMER AND ACCESSORIES, INSTALLED COMPLETE IN PLACE	EA	3	\$ 3,465.00	\$ 10,395.00
174	L-125-5.3	INSTALL NEW L-852C (L) TAXIWAY SEMI-FLUSH CENTERLINE LIGHT FIXTURE ON NEW L-868B LIGHT BASE IN PCC PAVEMENT, WITH TRANSFORMER AND ACCESSORIES, INSTALLED COMPLETE IN PLACE	EA	7	\$ 4,305.00	\$ 30,135.00

MAA-CO-21-003
Taxiway T Reconstruction Phase 1A
at BWI Thurgood Marshall Airport

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P. Flanigan & Sons, Incorporated

Bid Documents
Bid Proposals
Addendum 2 - 16 June 2020

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
175	L-128-4.1	REMOVAL OF EXISTING CENTERLINE LIGHTS, BASE CANS, AND ASSOCIATED ELECTRICAL ITEMS, LIGHT FIXTURES TO BE REINSTALLED	EA	7	\$ 420.00	\$ 2,940.00
176	L-128-4.2	REMOVAL OF CONCRETE ENCASED CONDUIT INCLUDING ASSOCIATED CABLE	LF	700	\$ 13.90	\$ 9,730.00
177	L-128-4.3	REMOVAL OF EXISTING ELEVATED EDGE LIGHTS, BASE CANS AND ASSOCIATED ELECTRICAL ITEMS, PROTECT EXISTING LED EDGE LIGHT FIXTURE FOR REINSTALLATION	EA	3	\$ 420.00	\$ 1,260.00
SUBTOTAL 3A (Total of Bid Item Nos. 130-177)		Three Million One Hundred Four Thousand Five Hundred Fifty-Nine Dollars and Eighty Cents				\$ 3,104,559.80
178	010004X.4	TEMPORARY CONSTRUCTION ITEMS FOR ADD ALT 3 (shall not exceed 3% of SUBTOTAL 3A)	LS	1	\$ 93,100.00	\$ 93,100.00
SUBTOTAL 3B (Total of Subtotal 3A through Bid Item 178)		Three Million One Hundred Ninety-Seven Thousand Six Hundred Fifty-Nine Dollars and Eighty Cents				\$ 3,197,659.80
179	010001X.4	MOBILIZATION/DEMobilIZATION FOR ADD ALT 3 (shall not exceed 5% of SUBTOTAL 3B)	LS	1	\$ 159,800.00	\$ 159,800.00
SUBTOTAL 3C (Total of SUBTOTAL 3B through Bid Item No. 179)		Three Million Three Hundred Fifty-Seven Thousand Four Hundred Fifty-Nine Dollars and Eight Cents				\$ 3,357,459.80

SECTION 7

BID PROPOSAL

BID TABULATION FORM

BID ITEM NO.	ITEM NO. (spec ref.)	DESCRIPTION	UNIT	APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE
180	010005X.4	SECURITY MATERIALS/EQUIPMENT FOR ADD ALT 3 (amount not less than 6% of SUBTOTAL 3C)	LS	1	\$ 224,000.00	\$ 224,000.00
SUBTOTAL 3D (Total of SUBTOTAL 3C through Bid Item No. 180)		Three Million Five Hundred Eighty-One Thousand Four Hundred Fifty-Nine Dollars and Eighty Cents				\$ 3,581,459.80
181	010002X.7	CONSTRUCTION QUALITY CONTROL PLAN FOR ADD ALT 3 (amount not less than 3% of SUBTOTAL 3C)	LS	1	\$ 200,000.00	\$ 200,000.00
SUBTOTAL 3E (Total of SUBTOTAL 3D through Bid Item No. 181)		Three Million Seven Hundred Eighty-One Thousand Four Hundred Fifty-Nine Dollars and Eighty Cents				\$ 3,781,459.80
182	012100.5	MISCELLANEOUS CONSTRUCTION ALLOWANCE FOR ADD ALT 3	ALLOW	1	\$498,000	\$ 498,000.00
183	010002X.8	CONSTRUCTION QUALITY CONTROL PLAN FOR MISCELLANEOUS CONSTRUCTION ALLOWANCE FOR ADD ALT 3 (amount not less than 3% of Item 012100.5)	LS	1	\$ 15,000.00	\$ 15,000.00
TOTAL ADD ALTERNATE 3 (Total of SUBTOTAL 3E through Bid Item No. 183)		Four Million Two Hundred Ninety-Four Thousand Four Hundred Fifty-Nine Dollars and Eight Cents				\$ 4,294,459.80

BID TABULATION FORM

BID TABULATION SUMMARY

TOTAL BASE BID	\$ 5,272,069.40
TOTAL ADD ALTERNATE 1	\$ 933,180.90
TOTAL ADD ALTERNATE 2	\$ 877,138.35
TOTAL ADD ALTERNATE 3	\$ 4,294,459.80
GRAND TOTAL (Sum Total Base Bid, Total Add Alternate 1, Total Add Alternate 2, and Total Add Alternate 3)	\$ 11,376,848.45

BID TABULATION FORM

CONTRACT NUMBER MAA-CO-21-003

TAXIWAY T RECONSTRUCTION PHASE 1A BWI THURGOOD MARSHALL AIRPORT

BID TABULATION FORMS

GRAND TOTAL (Sum of Total Base Bid, Total Add Alternate 1, Total Add Alternate 2, and Total Add Alternate 3)

FOR

TAXIWAY T RECONSTRUCTION PHASE 1 AT BWI THURGOOD MARSHALL AIRPORT

\$11,376,848.45

(Written in Numerals)

Eleven Million Three Hundred Seventy-Six Thousand Eight Hundred Forty-Eight Dollars and Forty-Five Cents

(Written in Words)

CONTRACTOR: P. Flanigan & Sons, Incorporated

By: 

Signature of Authorized Representative

Evan Shirey, Vice President

NOTE: ITEMS LABELED **ALLOWANCE** OR **CONTINGENCY** WILL BE USED AT THE SOLE DISCRETION OF THE MAA. THE OFFERER WILL BE PAID FROM THESE ITEMS FOR SPECIFIC WORK REQUESTED IN WRITING BY MAA. THE OFFERER IS NOT ENTITLED TO ANY UNSPENT PORTION OF THE MONIES FROM THESE ITEMS.

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MDOT DBE FORM A
FEDERALLY-FUNDED CONTRACTS
CERTIFIED DBE UTILIZATION AND FAIR SOLICITATION AFFIDAVIT
PAGE 1 OF 2

THIS AFFIDAVIT MUST BE INCLUDED WITH THE BID/ PROPOSAL. IF THE BIDDER/OFFEROR FAILS TO ACCURATELY COMPLETE AND SUBMIT THIS AFFIDAVIT AS REQUIRED, THE BID SHALL BE DEEMED NOT RESPONSIVE OR THE PROPOSAL SHALL BE DEEMED NOT SUSCEPTIBLE OF BEING SELECTED FOR AWARD.

In connection with the bid/proposal submitted in response to Solicitation No. MAA-CO-21-003, I affirm the following:

1. DBE Participation (PLEASE CHECK ONLY ONE)

☒ I have met the overall certified Disadvantaged Business Enterprise (DBE) participation goal of seventeen percent (17%). I agree that this percentage of the total dollar amount of the Contract for the DBE goal will be performed by certified DBE firms as set forth in the DBE Participation Schedule - Part 2 of the MDOT DBE Form B (Federally-Funded Contracts).

OR

☐ I conclude that I am unable to achieve the DBE participation goal. I hereby request a waiver, in whole or in part, of the goal. Within 10 business days of receiving notice that our firm is the apparent awardee or as requested by the Procurement Officer, I will submit a written waiver request and all required documentation in accordance with COMAR 21.11.03.11. For a partial waiver request, I agree that certified DBE firms will be used to accomplish the percentages of the total dollar amount of the Contract as set forth in the DBE Participation Schedule - Part 2 of the MDOT DBE Form B (Federally-Funded Contracts).

2. Additional DBE Documentation

I understand that if I am notified that I am the apparent awardee or as requested by the Procurement Officer, I must submit the following documentation within 10 business days of receiving such notice:

- (a) Outreach Efforts Compliance Statement (MDOT DBE Form C - Federally-Funded Contracts);
- (b) Subcontractor Project Participation Statement (MDOT DBE Form D - Federally-Funded Contracts);
- (c) DBE Waiver Request documentation per COMAR 21.11.03.11 (if waiver was requested); and
- (d) Any other documentation required by the Procurement Officer to ascertain bidder's responsibility/ offeror's susceptibility of being selected for award in connection with the certified DBE participation goal.

I acknowledge that if I fail to return each completed document (in 2 (a) through (d)) within the required time, the Procurement Officer may determine that I am not responsible and therefore not eligible for contract award or not susceptible of being selected for award.

MDOT DBE FORM A
FEDERALLY-FUNDED CONTRACTS
CERTIFIED DBE UTILIZATION AND FAIR SOLICITATION AFFIDAVIT
PAGE 2 OF 2

3. Information Provided to DBE firms

In the solicitation of subcontract quotations or offers, DBE firms were provided not less than the same information and amount of time to respond as were non-DBE firms.

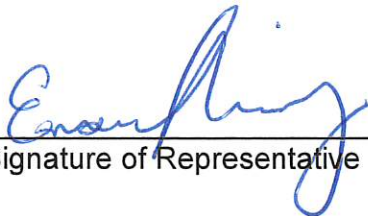
4. Products and Services Provided by DBE firms

I hereby affirm that the DBEs are only providing those products and services for which they are MDOT certified.

I solemnly affirm under the penalties of perjury that the information in this affidavit is true to the best of my knowledge, information and belief.

P. Flanigan & Sons, Incorporated

Company Name



Signature of Representative

2444 Loch Raven Road

Address

Evan Shirey, Vice President

Printed Name and Title

Baltimore, MD 21218

City, State and Zip Code

June 25, 2020

Date

MDOT DBE FORM B
FEDERALLY-FUNDED CONTRACTS
DBE PARTICIPATION SCHEDULE

PART 1 – INSTRUCTIONS FOR DBE PARTICIPATION SCHEDULE

PARTS 2 AND 3 MUST BE INCLUDED WITH THE BID/PROPOSAL. IF THE BIDDER/OFFEROR FAILS TO ACCURATELY COMPLETE AND SUBMIT PART 2 WITH THE BID/PROPOSAL AS REQUIRED, THE BID SHALL BE DEEMED NOT RESPONSIVE OR THE PROPOSAL SHALL BE DEEMED NOT SUSCEPTIBLE OF BEING SELECTED FOR AWARD.

PAGE 1 OF 2

***** STOP *****

FORM INSTRUCTIONS
PLEASE READ BEFORE COMPLETING THIS FORM

1. Please refer to the Maryland Department of Transportation (MDOT) DBE Directory at www.mdot.state.md.us to determine if a firm is certified for the appropriate North American Industry Classification System ("NAICS") Code and the product/services description (specific product that a firm is certified to provide or specific areas of work that a firm is certified to perform). For more general information about NAICS, please visit www.naics.com. Only those specific products and/or services for which a firm is certified in the MDOT Directory can be used for purposes of achieving the DBE participation goal.
2. In order to be counted for purposes of achieving the DBE participation goal, the firm must be certified for that specific NAICS ("DBE" for Federally-funded projects designation after NAICS Code). **WARNING:** If the firm's NAICS Code is in graduated status, such services/products will not be counted for purposes of achieving the DBE participation goals. Graduated status is clearly identified in the MDOT Directory (such graduated codes are designated with the word graduated after the appropriate NAICS Code).
3. Examining the NAICS Code is the first step in determining whether a DBE firm is certified and eligible to receive DBE participation credit for the specific products/services to be supplied or performed under the contract. The second step is to determine whether a firm's Products/Services Description in the DBE Directory includes the products to be supplied and/or services to be performed that are being used to achieve the DBE participation goal.
4. If you have any questions as to whether a firm is MDOT DBE certified, or if it is certified to perform specific services or provide specific products, please call MDOT's Office of Minority Business Enterprise at 1-800-544-6056 or send an email to mbe@mdot.state.md.us.
5. The Contractor's subcontractors are considered second-tier subcontractors. Third-tier contracting used to meet a DBE goal is to be considered the exception and not the rule. The following two conditions must be met before MDOT, its Modal Administrations and the Maryland Transportation Authority may approve a third-tier contracting agreement: (a) the bidder/offeror must request in writing approval of each third-tier contract arrangement, and (b) the request must contain specifics as to why a third-tier contracting arrangement should be approved. These documents must be submitted with the bid/proposal in Part 2 of this DBE Participation Schedule.
6. For each DBE firm that is being used as supplier/wholesaler/regular dealer/broker/manufacturer, please follow these instructions for calculating the amount of the subcontract for purposes of achieving the DBE participation goal:
 - A. Is the firm certified as a broker of the products/supplies? If the answer is YES, please continue to Item C. If the answer is NO, please continue to Item B.
 - B. Is the firm certified as a supplier, wholesaler, regular dealer, or manufacturer of such products/supplies? If the answer is YES, continue to Item D. If the answer is NO, continue to Item C only if the DBE firm is certified to perform trucking/hauling services under NAICS Codes 484110, 484121, 484122, 484210, 484220 and 484230. If the answer is NO and the firm is not certified under these NAICS Codes, then no DBE participation credit will be given for the supply of these products.
 - C. For purposes of achieving the DBE participation goal, you may count only the amount of any reasonable fee that the DBE firm will receive for the provision of such products/supplies - not the total subcontract amount or the value (or a percentage thereof) of such products and/or supplies. For Column 3 of the DBE Participation Schedule, please divide the amount of any reasonable fee that the DBE firm will receive for the provision of such products/services by the total Contract value and insert the percentage in Line 3.1.

MDOT DBE FORM B
FEDERALLY-FUNDED CONTRACTS
DBE PARTICIPATION SCHEDULE

PART 1 – INSTRUCTIONS FOR DBE PARTICIPATION SCHEDULE

PAGE 2 OF 2

- D. Is the firm certified as a manufacturer (refer to the firm's NAICS Code and specific description of products/services) of the products/supplies to be provided? If the answer is NO, please continue to Item E. If the answer is YES, for purposes of achieving the DBE participation goal, you may count the total amount of the subcontract. For Column 3 of the DBE Participation Schedule, please divide the total amount of the subcontract by the total Contract value and insert the percentage in Line 3.1.
- E. Is the firm certified as a supplier, wholesaler and/or regular dealer? If the answer is YES and the DBE firm is furnishing and installing the materials and is certified to perform these services, please divide the total subcontract amount (including full value of supplies) by the total Contract value and insert the percentage in Line 3.1. If the answer is YES and the DBE firm is only being used as a supplier, wholesaler and/or regular dealer or is not certified to install the supplies/materials, for purposes of achieving the DBE participation goal, you may only count sixty percent (60%) of the value of the subcontract for these supplies/products (60% Rule). To apply the 60% Rule, first divide the amount of the subcontract for these supplies/products only (not installation) by the total Contract value. Then, multiply the result by sixty percent (60%) and insert the percentage in Line 3.2.

7. For each DBE firm that **is not** being used as a supplier/wholesaler/regular dealer/broker/manufacture, to calculate the **amount of the subcontract for purposes of achieving the DBE participation goal**, divide the total amount of the subcontract by the total Contract value and insert the percentage in Line 3.1.

Example: \$ 2,500 (Total Subcontract Amount) ÷ \$10,000 (Total Contract Value) x 100 = 25%

8. Please note that for USDOT-funded projects, a DBE prime may count towards its DBE participation goal work performed by its own forces. Include information about the DBE prime in Part 2.
9. **WARNING:** The percentage of DBE participation, computed using the dollar amounts in Column 3 for all of the DBE firms listed in Part 2, **MUST** at least equal the DBE participation goal as set forth in MDOT DBE Form A – Federally-Funded Contracts for this solicitation. If the bidder/offeror is unable to achieve the DBE participation goals, then the bidder/offeror must request a waiver in Form A or the bid will be deemed not responsive, or the proposal not susceptible of being selected for award. **You may wish to use the Goal Worksheet shown below to assist you in calculating the percentage and confirming that you have met the applicable DBE participation goal.**

GOAL WORKSHEET	
Total DBE Firm Participation (Add percentages in Column 3 for all DBE firms listed in DBE Participation Schedule)	(A) _____%
The percentage amount in Box A above should be equal to the percentage amount in Box E below.	
Add <i>Countable</i> Subcontract Amounts (see 6 through 8 of Instructions) for all DBE firms listed in DBE Participation Schedule, and insert in Box B	(B) \$ _____
Insert the Total Contract Amount in Box C	(C) \$ _____
Divide Box B by Box C and Insert in Box D	(D) = _____
Multiply Box D by 100 and insert in Box E	(E) = _____%

MDOT DBE FORM B
FEDERALLY-FUNDED CONTRACTS
DBE PARTICIPATION SCHEDULE

PART 2 – DBE PARTICIPATION SCHEDULE

PARTS 2 AND 3 MUST BE INCLUDED WITH THE BID/PROPOSAL. IF THE BIDDER/OFFEROR FAILS TO ACCURATELY COMPLETE AND SUBMIT PART 2 WITH THE BID/PROPOSAL AS REQUIRED, THE BID SHALL BE DEEMED NOT RESPONSIVE OR THE PROPOSAL SHALL BE DEEMED NOT SUSCEPTIBLE OF BEING SELECTED FOR AWARD.

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Prime Contractor	Project Description	Solicitation Number
P. Flanigan & Sons, Incorporated	Taxiway T Reconstruction Phase 1A	MAA-CO-21-003

LIST INFORMATION FOR EACH CERTIFIED DBE SUBCONTRACTOR YOU AGREE TO USE TO ACHIEVE THE DBE PARTICIPATION GOAL.

COLUMN 1	COLUMN 2	COLUMN 3
		Unless the bidder/offeror requested a waiver in MDOT DBE Form A – Federally Funded Contracts for this solicitation, the cumulative DBE participation for all DBE firms listed herein must equal at least the DBE participation goal set forth in Form A.
NAME OF DBE SUBCONTRACTOR AND TIER	CERTIFICATION NO. AND DBE CLASSIFICATION	FOR PURPOSES OF ACHIEVING THE DBE PARTICIPATION GOAL, refer to sections 6, 7 and 8 in Part 1 - Instructions. State the percentage amount of the products/services in Line 3.1, except for those products or services where the DBE firm is being used as a wholesaler, supplier, or regular dealer. For items of work where the DBE firm is being used as a supplier, wholesaler and/or regular dealer, complete Line 3.2 using the 60% Rule.
Machado Construction Co., Incorporated <input type="checkbox"/> Please check if DBE firm is a third-tier contractor (if applicable). Please submit written documents in accordance with Section 5 of Part 1 - Instructions	Certification Number: <u>88-187</u> (If dually certified, check only one box.) <input type="checkbox"/> African American-Owned <input checked="" type="checkbox"/> Hispanic American- Owned <input type="checkbox"/> Asian American-Owned <input type="checkbox"/> Women-Owned <input type="checkbox"/> Other DBE Classification	<p>3.1. TOTAL PERCENTAGE TO BE PAID TO THE SUBCONTRACTOR (STATE THIS PERCENTAGE AS A PERCENTAGE OF THE TOTAL CONTRACT VALUE- EXCLUDING PRODUCTS/SERVICES FROM SUPPLIERS, WHOLESALERS OR REGULAR DEALERS).</p> <p><u>15.82</u> % (Percentage for purposes of calculating achievement of DBE Participation goal)</p> <p>3.2 TOTAL PERCENTAGE TO BE PAID TO THE SUBCONTRACTOR FOR ITEMS OF WORK WHERE THE DBE FIRM IS BEING USED AS A SUPPLIER, WHOLESALER AND/OR REGULAR DEALER) (STATE THE PERCENTAGE AS A PERCENTAGE OF THE TOTAL CONTRACT VALUE AND THEN APPLY THE 60% RULE PER SECTION 6(E) IN PART 1- INSTRUCTIONS).</p> <p>_____ % Total percentage of Supplies/Products</p> <p>x <u>60</u> % (60% Rule)</p> <p><u>9.492</u> % (Percentage for purposes of calculating achievement of DBE Participation goal)</p>

☒ Please check if Continuation Sheets are attached.

MDOT DBE FORM B

FEDERALLY-FUNDED CONTRACTS

DBE PARTICIPATION SCHEDULE

CONTINUATION SHEET

PAGE 2 OF 2

Prime Contractor	Project Description	Solicitation Number
P. Flanigan & Sons, Incorporated	Taxiway T Reconstruction Phase 1A	MAA-CO-21-003

LIST INFORMATION FOR EACH CERTIFIED DBE SUBCONTRACTOR YOU AGREE TO USE TO ACHIEVE THE DBE PARTICIPATION GOAL.

COLUMN 1	COLUMN 2	COLUMN 3
<p>NAME OF DBE SUBCONTRACTOR AND TIER</p>	<p>CERTIFICATION NO. AND DBE CLASSIFICATION</p>	<p>Unless the bidder/offeror requested a waiver in MDOT DBE Form A – Federally Funded Contracts for this solicitation, the cumulative DBE participation for all DBE firms listed herein must equal at least the DBE participation goal set forth in Form A.</p>
<p>B & J Sweeping & Sons, Incorporated</p> <p><input type="checkbox"/> Please check if DBE firm is a third-tier contractor (if applicable). Please submit written documents in accordance with Section 5 of Part 1 - Instructions</p>	<p>Certification Number: <u>04-372</u></p> <p>(If dually certified, check only one box.)</p> <p><input type="checkbox"/> African American-Owned <input type="checkbox"/> Hispanic American- Owned <input type="checkbox"/> Asian American-Owned <input checked="" type="checkbox"/> Women-Owned <input type="checkbox"/> Other DBE Classification</p>	<p>FOR PURPOSES OF ACHIEVING THE DBE PARTICIPATION GOAL, refer to sections 6, 7 and 8 in Part 1 - Instructions. State the percentage amount of the products/services in Line 3.1, except for those products or services where the DBE firm is being used as a wholesaler, supplier, or regular dealer. For items of work where the DBE firm is being used as a supplier, wholesaler and/or regular dealer, complete Line 3.2 using the 60% Rule.</p> <p>3.1. TOTAL PERCENTAGE TO BE PAID TO THE SUBCONTRACTOR (STATE THIS PERCENTAGE AS A PERCENTAGE OF THE TOTAL CONTRACT VALUE- EXCLUDING PRODUCTS/SERVICES FROM SUPPLIERS, WHOLESALERS OR REGULAR DEALERS).</p> <p><u>1.95</u> % (Percentage for purposes of calculating achievement of DBE Participation goal)</p> <p>3.2 TOTAL PERCENTAGE TO BE PAID TO THE SUBCONTRACTOR FOR ITEMS OF WORK WHERE THE DBE FIRM IS BEING USED AS A SUPPLIER, WHOLESALER AND/OR REGULAR DEALER) (STATE THE PERCENTAGE AS A PERCENTAGE OF THE TOTAL CONTRACT VALUE AND THEN APPLY THE 60% RULE PER SECTION 6(E) IN PART 1 - INSTRUCTIONS).</p> <p>_____ % Total percentage of Supplies/Products</p> <p>x <u>60</u> % (60% Rule)</p> <p><u>1.17</u> % (Percentage for purposes of calculating achievement of DBE Participation goal)</p>

☐ Please check if Continuation Sheets are attached.

MDOT DBE FORM B
FEDERALLY-FUNDED CONTRACTS
DBE PARTICIPATION SCHEDULE

PART 3 – CERTIFICATION FOR DBE PARTICIPATION SCHEDULE

PARTS 2 AND 3 MUST BE INCLUDED WITH THE BID/PROPOSAL AS DIRECTED IN THE SOLICITATION.

I hereby affirm that I have reviewed the Products and Services Description (specific product that a firm is certified to provide or areas of work that a firm is certified to perform) set forth in the MDOT DBE Directory for each of the DBE firms listed in Part 2 of this DBE Form B for purposes of achieving the DBE participation goal that was identified in the DBE Form A that I submitted with this solicitation, and that the DBE firms listed are only performing those products/services/areas of work for which they are certified. I also hereby affirm that I have read and understand the form instructions set forth in Part 1 of this DBE Form B.

The undersigned Prime Contractor hereby certifies and agrees that it has fully complied with the State Minority Business Enterprise law, State Finance and Procurement Article §14-308(a)(2), Annotated Code of Maryland which provides that, except as otherwise provided by law, a contractor may not identify a certified minority business enterprise in a bid or proposal and:

- (1) fail to request, receive, or otherwise obtain authorization from the certified minority business enterprise to identify the certified minority business enterprise in its bid or proposal;
- (2) fail to notify the certified minority business enterprise before execution of the contract of its inclusion of the bid or proposal;
- (3) fail to use the certified minority business enterprise in the performance of the contract; or
- (4) pay the certified minority business enterprise solely for the use of its name in the bid or proposal.

I solemnly affirm under the penalties of perjury that the contents of Parts 2 and 3 of MDOT DBE Form B are true to the best of my knowledge, information and belief.

P. Flanigan & Sons, Incorporated

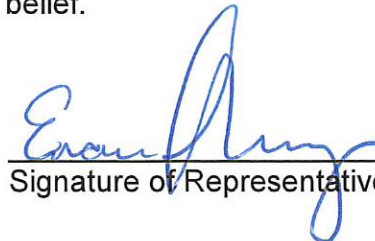
Company Name

2444 Loch Raven Road

Address

Baltimore, MD 21218

City, State and Zip Code



Signature of Representative

Evan Shirey, Vice President

Printed Name and Title

June 25, 2020

Date