MIAMI-DADE EXPRESSWAY AUTHORITY
3790 NW 21 St. // Miami, FL 33142
www.mdxway.com

# SUPPLEMENTAL AGREEMENT NO. 6 TO DESIGN-BUILD CONTRACT 

MDX PROCUREMENT/CONTRACT NO.:<br>MDX-16-01<br>BOND NUMBERS:<br>106917823/106924813<br>MDX WORK PROGRAM NOS.:<br>MDX PROJECT/SERVICE TITLE:<br>83611.101<br>DESIGN-BUILD SERVICES FOR THE RECONSTRUCTION OF SR-836/I-395 FROM WEST OF NW 17TH AVENUE TO I-95/ MIDTOWN INTERCHANGE IN MIAMI-DADE COUNTY

THIS SUPPLEMENTAL AGREEMENT NO. 6 TO DESIGN-BUILD CONTRACT (as "SA \#6) is made and entered into this 23rd_day of Feebruary 2022 (the "Effective Date"), by and between the Miami-Dade County Expressway Authority d/b/a Miami Dade Expressway Authority (the "Authority" or "MDX"), a body politic and corporate, a public instrumentality created by the Board of County Commissioner of Miami Dade County as amended, acting by and through its Governing Board, and Archer Western-de Moya Joint Venture (as the "Design-Build Firm"), a Florida Corporation, duly authorized to transact business in the State of Florida F.E.I.N. 38-3993222; and Travelers Casualty and Surety Company of America (as "Surety") a Connecticut corporation duly authorized to transact business in the State of Florida; F.E.I.N. 06-0907370 (collectively, referred to as the "Parties" to this SA \#6).

## WITNESSETH

WHEREAS, MDX and the Florida Department of Transportation (the "Department") separately engaged in the Project Development and Environment (PD\&E) Study and design of improvements to the SR 836 and I-395 corridor and the Midtown Interchange to improve safety, reduce congestion and enhance mobility; and

WHEREAS, MDX and the Department agree that pursuant to MDX Procurement/Contract No.: AGMT-FDOT-FY16-01, and in partnership with MDX, that FDOT will competitively procure, and manage the construction contracts for both agencies; and

WHEREAS, the Department, pursuant to Section 334.30, Florida Statutes, issued Request for Proposals (RFP), for SR 836/l-395/l-95, to solicit competitive bids and proposals from Design-Build Firms (DBFs) for two (2) separate contracts for construction improvements to the same area but improvements/right of way owned/operated by the Department and MDX as follows:

- The first contract (E6J53) is the Department Contract between the Department and the Archer Western - de Moya Joint Venture for the design and construction of the Total Project.
- The second contract (MDX-16-01) is the MDX Contract between MDX and Archer Western - de Moya Joint Venture for the MDX portion of the Total Project; and


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WHEREAS, the I-395 Agreements, E6J53 and MDX-16-01, means collectively the Department Contract and the MDX Contract; and

WHEREAS, on July 12, 2018, MDX and the Design-Build Firm entered into MDX Procurement/Contract No. MDX-16-01 (the Design-Build Contract" or "Contract") to facilitate the MDX portion of Total Project; and

WHEREAS, on March 24, 2020, the Parties entered into Supplemental Agreement No. 1 to the Design-Build Contract MDX-16-01 to add specification and a pay item for the Contingency; and

WHEREAS, on October 22, 2020 the Parties entered into Supplemental Agreement No. 2 to the Design-Build Contract MDX-16-01 to add specification and pay item for Empirical Deck Method Cost Savings Initiative; to add specification and pay item for Preferred Equipment for Intelligent Transportation System (ITS); to add specification and pay item for Department of Corrections Parking Facility (Lot 4) Adjacent to Women's Detention Center and Temporary Parking Lot; and to add specification and pay item for Contingency; and

WHEREAS, on October 22, 2020 the Parties entered into Supplemental Agreement No. 3 to the Design-Build Contract MDX-16-01 to add specification and pay item for Strengthening of Bridges 109 and 110 ; to add specification and pay item for Ramp T Descoping; to add specification and pay item for Ramp S and T Extra Design Fees; to add specification and pay item for Bridge 104 Design Fees for Change from TL 4 to TL 5 Traffic Railings; and to add specification and pay item for Contingency; and

WHEREAS, on March 1, 2021 the Parties entered into Supplemental Agreement No. 4 to the Design-Build Contract MDX-16-01 to add specification and pay item for Steel and Aluminum Tariff Adjustments; and add specification and pay item for Wrong Way Countermeasures Design Fees; and

WHEREAS, on June 9, 2021 the Parties entered into Supplemental Agreement No. 5 to add specification for Auger Cast Pie (ACP) and incorporate settlement of issues as a Global Settlement.

WHEREAS, the purpose of this Supplemental Agreement No. 6 to the Design-Build Contract MDX-16-01, is to add the following:

1. Coping under Bridge 121 (WB SR 836 ramp over NW 17 St) on both sides of NW 17 St.
2. Remove Existing Manhole and Abandon Pipe WB SR-836
3. Bridge 112 Strengthening
4. Extra work for Ramp T Drainage due to Unforeseen Conditions During Pipe Installation at Structure X1706 and at Structure S266.
5. Contingency

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, and such other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Parties agree to the following:

1. The foregoing recitations are true and correct and are incorporated herein by reference.
2. The following attached exhibit and attachments are made part of this SA \#6 and are incorporated herein:

- Exhibit A, Entitlement Analysis;
- Attachment A, B121 Existing MSE Wall Coping;
- Attachment B, WB SR-836 Remove Manhole \& Abandoned Pipe;
- Attachment C, Engineer Estimate Bridge 112 Strengthening;
- Attachment D-1, Ramp T Drainage, Unforeseen Conditions During Pipe install at Structure X17; and
- Attachment D-2, Ramp T Drainage, Unforeseen Extra Work at Structure S266.

3. MDX and the Design-Build Firm agree to add the item 9999-10 Coping on Existing MSE Wall under Bridge 121 to MDX Contract MDX-16-01 in the amount of Forty-One Thousand, Nine Hundred Ninety-Four Dollars and Ninety-Eight Zero Cents $\mathbf{( \$ 4 1 , 9 9 4 . 9 8 )}$ for construction of coping under Bridge 121 (WB SR 836 ramp over NW 17 St) on both sides of NW 17 St.
4. $M D X$ and the Design-Build Firm agree to add the item 9999-11 WB SR-836 Remove Existing Manhole and Abandon Pipe to MDX Contract MDX-16-01 in the amount of Forty-Nine Thousand, Six Hundred Seven Dollars and Seventy Cents $(\$ 49,607.70)$. The cost is for the investigation of the connection between the existing manhole that was in conflict with the proposed drainage crossing between Structure 215 and Structure X 1710 under SR 836 WB west of NW 17 Ave, that the pipe connection running to the East was not active and to remove the manhole and abandoned the pipe to the East.
5. MDX and the Design-Build Firm agree to add the item 9999-12 Br 112 Strengthening to MDX Contract MDX-16-01 in the amount of Six Hundred Sixty-Eight Thousand, Five Hundred Dollars and Zero Cents $(\$ 668,500.00)$ for the structural strengthening of the bridge 112 substructure pier caps $1-8$. The strengthening at bridge 112 is to consist of a combination of strengthening of the existing pier caps by both carbon fiber reinforcing and enlargement of the caps at several regions as approved by PHD in design submittal no. 846 (RFM 207). Strengthening will be performed in accordance with the previously approved technical special provisions (TSP) for Carbon Fiber Reinforced Polymer Testing. The enlargement will be constructed with 6500 PSI Self Consolidated Concrete.
6. MDX and the Design-Build Firm agree to add the item 9999-13 Ramp T Drainage, Unforeseen Conditions During Pipe Install at Structure X1706 to MDX Contract MDX-16-01 in the amount of Ten Thousand, Two Hundred Ninety-Two Dollars and Ninety-One Cents $\mathbf{( \$ 1 0 , 2 9 2 . 9 1 )}$ for the extra work effort to install new pipe around conflicting fiber optic lines running parallel to Ramp T right next to the existing structure as well as a conflicting cast in place slab.

## MDX PROJECT/SERVICE TITLE: DESIGN-BUILD SERVICES FOR THE RECONSTRUCTION OF SR-836/1-395 <br> FROM WEST OF NW 17TH AVENUE TO I-95/MIDTOWN INTERCHANGE IN MIAMI-DADE COUNTY

7. MDX and the Design-Build Firm agree to add the item 9999-14 Ramp T Drainage, Unforeseen Extra Work at Structure S266 to MDX Contract MDX-16-01 in the amount of Twelve Thousand, FortyFive Dollars and Thirty-Five Cents $\mathbf{( \$ 1 2 , 0 4 5 . 3 5 )}$ for the construction of additional 18-inch and 24inch PVC pipe for the connection between structure X1714 and new structure S266.

## 8. Contingency

A. MDX and the Design-Build Firm agree to add the pay item 9999-24 Contingency and to set forth a Procedure to expedite payment for any unforeseen additional work which is necessary to complete the work and make the project functionally operational in accordance with the intent of the original contract. Unforeseen additional work shall not include overruns of existing contract items of work at established contract unit prices. The maximum amount of accumulated work orders written against this contingency item shall not exceed Two Hundred Thousand Dollars and Zero Cents $\mathbf{( \$ 2 0 0 , 0 0 0 . 0 0}$ ).
B. MDX and Design-Build Firm agree that the cost of unforeseen additional work approved by the Engineer will be a negotiated amount, or in lieu of negotiation reimbursement, shall be made based on material invoices and labor payrolls including mark-ups as shown in subsection 4-3.2 of the Specifications from contract E6J53 between the Department and Design-Build Firm.
C. MDX and Design-Build Firm agree that this Supplemental Agreement shall not alter or change in any manner the force and effect of the original Contract(s) MDX-16-01 and E6J53, including any previous amendments thereto, except insofar as the same is altered and amended by this Supplemental Agreement.
D. MDX and Design-Build Firm agree that the cost agreed to and documented on the work order constitutes a full and complete settlement of the issues set forth in that work order. The Contractor accepts the terms of this Supplemental Agreement as related to cost determinations as full compensation for all costs of equipment, manpower, materials, overhead, profit and delay damages and for all their costs.
E. MDX and Design-Build Firm agree that the execution of this Supplemental Agreement shall not constitute authorization to proceed with any work. No work shall be performed pursuant to this Supplemental Agreement until such time as a valid and fully executed work order is issued authorizing work. within the scope of F.S. 337.11 (9). No work outside that scope of that statute may be authorized.
F. MDX and Design-Build Firm agree that time will not be accrued or granted via this Supplemental Agreement. A separate work order or time extension letter will document any impact or unforeseen additional work on controlling items of work shown on the Contractor's approved work progress schedule.
9. MDX agrees to pay the Design Build Firm Nine Hundred Eighty-Two Thousand, Four Hundred Forty

Dollars and Ninety-Four Cents $\mathbf{( \$ 9 8 2 , 4 4 0 . 9 4 )}$ as consideration for the settlement described in this SA \#6.

## MDX PROJECT/SERVICE TITLE: DESIGN-BUILD SERVICES FOR THE RECONSTRUCTION OF SR-836/1-395 FROM WEST OF NW 17TH AVENUE TO I-95/MIDTOWN INTERCHANGE IN MIAMI-DADE COUNTY

## 10. Contract Amount

As a result of this SA \#6, the Contract Amount is hereby increased Nine Hundred Eighty-Two Thousand, Four Hundred Forty Dollars and Ninety-Four Cents $\mathbf{( \$ 9 8 2 , 4 4 0 . 9 4 )}$ for a Contract Amount of One Hundred Ninety Million, Four Hundred Nine Thousand, Two Hundred Sixty-One Dollars and Seventy-Nine Cents (\$190,409,261.79).

The following table sets forth the revisions to the Contract Amount for each Contract Supplemental Agreement including this SA \#6.

| MDX WORK PROGRAM N0. 83611-101 |  |
| :---: | :---: |
| Original Contract Amount |  |
| Original Design-Build Total | \$185,999,998.00 |
| Total | \$185,999,998.00 |
|  |  |
| Supplemental Agreement No. 1 |  |
| Increase/Decrease to Contract | \$150,000.00 |
| Subtotal | \$150,000.00 |
| Contract Amount SA \#1 |  |
| Design-Build Total | \$185,999,998.00 |
| Contingency (Item 9999-21) | \$150,000.00 |
| Total | \$186,149,998.00 |
|  |  |
| Supplemental Agreement No. 2 |  |
| Increase/Decrease to Contract | \$0.00 |
| Subtotal | \$0.00 |
| Contract Amount SA \#2 |  |
| Design-Build Total | \$185,999,998.00 |
| Contingency (Item 9999-21) | \$150,000.00 |
| Empirical Deck Method - CSI Reduction to Contract MDX-16-01 (Net Savings) | (\$366,576.00) |
| Item 9999-6 Cost Savings Initiative Empirical Deck Design Method | \$183,288.00 |
| Item 9999-6 Preferred Equipment ITS | \$58,181.49 |
| Item 9999-6 Women's Detention Center \& Temporary Parking Lot Gates \& Temporary Power | \$61,679.88 |
| Item 9999-22 Contingency | \$63,426.63 |
| Total | \$186,149,998.00 |
|  |  |
| Supplemental Agreement No. 3 |  |
| Increase/Decrease to Contract | \$1,843,934.32 |
| Subtotal | \$1,843,934.32 |
| Contract Amount SA \#3 |  |
| Design-Build Total | \$185,999,998.00 |
| Contingency (Item 9999-21) | \$150,000.00 |
| Item 9999-7 Strengthening of Bridges 109 and 110 | \$785,000.00 |
| Item 9999-8 Ramp T De-Scoping | \$411,181.56 |
| Item 9999-8 Ramp S and T Extra Design Fees | \$376,488.21 |
| Item 9999-8 Bridge 104 Design Fees for Change from TL 4 to TL 5 Traffic Railing | \$101,264.55 |
| Item 9999-23 Contingency | \$170,000.00 |
| Total | \$187,993,932.32 |

## TABLE CONTINUED ON FOLLOWING PAGE

| MDX WORK PROGRAM NO. 83611-101 |  |
| :---: | :---: |
| Supplemental Agreement No. 4 |  |
| Increase/Decrease to Contract | \$1,432,888.53 |
| Subtotal | \$1,432,888.53 |
| Contract Amount SA \#4 |  |
| Design-Build Total | \$187,673,932.32 |
| Contingency (Item 9999-21) | \$150,000.00 |
| Contingency (Item 9999-23) | \$170,000.00 |
| Item 0-50-4 Steel and Aluminum Tariff Adjustments | \$1,391,280.00 |
| Item 9999-9 Wrong-Way Countermeasures Design Fees | \$41,608.53 |
| Total | \$189,426,820.85 |
|  |  |
| Supplemental Agreement No. 5 |  |
| Increase/Decrease to Contract | \$0.00 |
| Subtotal | \$0.00 |
| Contract Amount SA \#5 |  |
| Design-Build Total | \$189,106,820.85 |
| Contingency (Item 9999-21) | \$150,000.00 |
| Contingency (Item 9999-23) | \$170,000.00 |
| Total | \$189,426,820.85 |
|  |  |
| Supplemental Agreement No. 6 |  |
| Increase/Decrease to Contract | \$982,440.94 |
| Subtotal | \$982,440.94 |
| Contract Amount SA \#6 |  |
| Design-Build Total | \$189,106,820.85 |
| 9999-10 Coping on Existing MSE Wall under Bridge 121 | \$41,994.98 |
| 9999-11 WB SR-836 Remove Existing Manhole and Abandon Pipe | \$49,607.70 |
| 9999-12 Br 112 Strengthening | \$668,500.00 |
| 9999-13 Ramp T Drainage, Unforeseen Conditions During Pipe Install at Structure X1706 | \$10,292.91 |
| 9999-14 Ramp T Drainage, Unforeseen Extra Work at Structure S266 | \$12,045.35 |
| Contingency (Item 9999-21) | \$150,000.00 |
| Contingency (Item 9999-23) | \$170,000.00 |
| Contingency (Item 9999-24) | \$200,000.00 |
| Total | \$190,409,261.79 |

## 11. Contract Bond Amount

As a result of this SA \#6, the Contract Bond Amount is hereby increased by Nine Hundred EightyTwo Thousand, Four Hundred Forty Dollars and Ninety-Four Cents $\mathbf{( \$ 9 8 2 , 4 4 0 . 9 4 )}$ for a Contract Bond Amount of One Hundred Ninety Million, Four Hundred Nine Thousand, Two Hundred SixtyOne Dollars and Seventy-Nine Cents (\$190,409,261.79).

## 12. Contract Time

- There is no additional Contract Time granted for this SA \#6 as a result of items 3 through 8 above.

The following table sets forth the revisions to the Contract Time based on the Time Extensions Granted for the Effects of Inclement Weather \& Holidays, Supplemental Agreements and this SA \#6:

## MDX PROJECT/SERVICE TITLE: DESIGN-BUILD SERVICES FOR THE RECONSTRUCTION OF SR-836/I-395 FROM WEST OF NW 17TH AVENUE TO I-95/MIDTOWN INTERCHANGE IN MIAMI-DADE COUNTY

| MDX WORK PROGRAM NO. 83611-101 |  |  |
| :---: | :---: | :---: |
| Time Granted | End Date | Calendar Days |
| Original Contract Time |  |  |
| Notice to Proceed - 7/13/2018 |  |  |
| Construction Time Starts - 10/29/2018 | 10/27/2022 | 1460 |
| Adjustment to Contract Time for the Effects of Inclement Weather \& Holiday (SA \#1) |  |  |
| Time Granted | Fnd Date | Calendar Days |
| 07 Calendar Days (Extension dated 12/12/2018) | 11/03/2022 | 1467 |
| 08 Calendar Days (Extension dated 01/02/2019) | 11/11/2022 | 1475 |
| 03 Calendar Days (Extension dated 02/01/2019) | 11/14/2022 | 1478 |
| 04 Calendar Days (Extension dated 03/01/2019) | 11/18/2022 | 1482 |
| 07 Calendar Days (Extension dated 04/01/2019) | 11/25/2022 | 1489 |
| 04 Calendar Days (Extension dated 05/01/2019) | 11/29/2022 | 1493 |
| 06 Calendar Days (Extension dated 06/01/2019) | 12/05/2022 | 1499 |
| 11 Calendar Days (Extension dated 07/01/2019) | 12/16/2022 | 1510 |
| 08 Calendar Days (Extension dated 08/01/2019) | 12/24/2022 | 1516 |
| 15 Calendar Days (Extension dated 09/03/2019) | 1/08/2023 | 1533 |
| 07 Calendar Days (Extension dated 10/02/2019) | 1/15/2023 | 1540 |
| 04 Calendar Days (Extension dated 11/01/2019) | 1/19/2023 | 1544 |
| 01 Calendar Days (Extension dated 11/12/2019) | 1/20/2023 | 1545 |
| 05 Calendar Days (Extension dated 12/02/2019) | 1/25/2023 | 1550 |
| 09 Calendar Days (Extension dated 01/02/2020) | 2/03/2023 | 1559 |
| 12 Calendar Days (Extension dated 02/03/2020) | 2/15/2023 | 1571 |
| 04 Calendar Days (Extension dated 03/02/2020) | 2/19/2023 | 1575 |
| Supplemental Agreement \# 1 |  |  |
| 0 Calendar Days | 2/19/2023 | 1575 |
| Time Granted | End Date | Calendar Days |
| Adjustment to Contract Time for the Effects of Inclement Weather \& Holiday (SA \#2) |  |  |
| 01 Calendar Days (Extension dated 04/01/2020) | 2/20/2023 | 1576 |
| 03 Calendar Days (Extension dated 05/01/2020) | 2/23/2023 | 1579 |
| 10 Calendar Days (Extension dated 06/02/2020) | 3/05/2023 | 1589 |
| 06 Calendar Days (Extension dated 07/02/2020) | 3/11/2023 | 1595 |
| 10 Calendar Days (Extension dated 08/04/2020) | 3/21/2023 | 1605 |
| 06 Calendar Days (Extension dated 09/01/2020) | 3/27/2020 | 1611 |
| Supplemental Agreement \#2 |  |  |
| 0 Calendar Days | 3/27/2023 | 1611 |
| Time Granted | End Date | Calendar Days |
| Supplemental Agreement \#3 |  |  |
| 0 Calendar Days | 3/27/2023 | 1611 |
| Time Granted | End Date | Calendar Days |
| Adjustment to Contract Time for the Effects of Inclement Weather \& Holiday (SA \#4) |  |  |
| 10 Calendar Days (Extension dated 10/02/2020) | 4/06/2023 | 1621 |
| 07 Calendar Days (Extension dated 11/04/2020) | 4/13/2023 | 1628 |
| 19 Calendar Days (Extension dated 12/08/2020) | 5/02/2023 | 1647 |
| 05 Calendar Days (Extension dated 01/07/2021) | 5/07/2023 | 1652 |
| 03 Calendar Days (Extension dated 02/03/2021) | 5/10/2023 | 1655 |
| Supplemental Agreement \#4 |  |  |
| 0 Calendar Days | 5/10/2023 | 1655 |

TABLE CONTINUED ON FOLLOWING PAGE

| MDX WORK PROGRAM NO. 83611-101 |  |  |
| :---: | :---: | :---: |
| Time Granted | End Date | Calendar Days |
| Adjustment to Contract Time for the Effects of Inclement Weather \& Holiday (SA \#5) |  |  |
| 04 Calendar Days (Extension dated 03/02/2021) | 5/14/2023 | 1659 |
| 01 Calendar Days (Extension dated 04/01/2021) | 5/15/2023 | 1660 |
| Contract Time added by the Department Supplemental Agreement No SMCO 38 to Contract E6J53 |  |  |
| 240 Calendar Days | 1/10/2024 | 1900 |
| Supplemental Agreement \#5 |  |  |
| 0 Calendar Days | 1/10/2024 | 1900 |
| Time Granted | End Date | Calendar Days |
| Adjustment to Contract Time for the Effects of Inclement Weather \& Holiday (SA \#6) |  |  |
| 02 Calendar Days (Extension dated 05/01/2021) | 1/12/2024 | 1902 |
| 03 Calendar Days (Extension dated 06/01/2021) | 1/15/2024 | 1905 |
| 10 Calendar Days (Extension dated 07/02/2021) | 1/25/2024 | 1915 |
| 07 Calendar Days (Extension dated 08/02/2021) | 2/1/2024 | 1922 |
| 04 Calendar Days (Extension dated 09/01/2021) | 2/5/2024 | 1926 |
| 07 Calendar Days (Extension dated 10/01/2021) | 2/12/2024 | 1933 |
| 04 Calendar Days (Extension dated 11/08/2021) | 2/16/2024 | 1937 |
| 08 Calendar Days (Extension dated 12/01/2021) | 2/24/2024 | 1945 |
| 08 Calendar Days (Extension dated 01/03/2022) | 3/3/2024 | 1953 |
| Supplemental Agreement \#6 |  |  |
| 0 Calendar Days | 3/3/2024 | 1953 |

13. The Parties hereby agree that the enhancements expressed in this SA \#6, adding the aforementioned pay items, constitutes a full and complete settlement for all the matters set forth within and full and complete settlement of all design and construction issues including request for additional time and additional costs, unless otherwise expressly noted in this SA \#6.
14. MDX reserves all of its rights provided under the Contract and Florida law and nothing herein, whether stated or implied, waives such rights.
15. The defined terms used herein, unless otherwise defined in this SA \#6, shall have the meanings ascribed to them in the Contract(s) MDX-16-01 and E6J53.
16. Except as expressly provided herein, all of the terms, conditions, covenants, agreements and understandings contained in the Contract(s) MDX-16-01 and E6J53 shall remain unchanged and in full force and effect, and the same are hereby expressly ratified and confirmed by the Parties.
17. This SA \#6 shall not alter or change in any manner the force and effect of the Contract(s) MDX-16-01 and E6J53, including any previous amendments thereto, except insofar as the same is altered and amended by this SA \#6.
18. Exhibits:

Exhibit A Entitlement Analysis;

Attachment A B121 Existing MSE Wall Coping

| Attachment B | WB SR-836 Remove Manhole \& Abandoned Pipe |
| :--- | :--- |
| Attachment C | Engineer Estimate Bridge 112 Strengthening |
| Attachment D-1 | Ramp T Drainage, Unforeseen Conditions During Pipe install at <br> Structure X17 |

Attachment D-2 Ramp T Drainage, Unforeseen Extra Work at Structure S266.
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IN WITNESS WHEREOF, the Parties have caused this SA \#6 to be executed by their respective and duly authorized officers as of the Effective Date defined herein.

MIAMI-DADE EXPRESSWAY AUTHORITY


Deputy Executive Director/Chief Financial Officer

ARCHER WESTERN - DE MOYA JOINT VENTURE


Matthew Persing
Print Name of Authorized Officer
AHORNEY- IN-FACT
Title of Authorized Officer
ATTEST:
Secretary Signature

| TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA |
| :---: |
| Authorized Signatory |
| Patricia Collins |
| Print Name of Authorized Signatory |
| Attorney-in-Eact |
| Title of Authorized Signatory |
| Countersigned: N/A |
| Resident Florida Agent |
| N/A |
| Print Name $\quad$ \{Corporate Seal\} |

A power of Attorney showing authority of the Surety's Agent, or Attorneys'-in-Fact, to sign on behalf of and bind the Surety Company shall be attached to this Supplemental Agreement No. 6 to MDX Procurement/ Contract No. MDX-16-01.

# Travelers Casualty and Surety Company of America Travelers Casualty and Surety Company St. Paul Fire and Marine Insurance Company 

## POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Patricia Collins SARASOTA , Florida , their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.
IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this 21st day of April, 2021.


State of Connecticut


City of Hartford ss.
On this the 21st day of April, 2021, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2026


This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is
FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attomeys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is
FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-inFact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

1, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attomey executed by said Companies, which remains in full force and effect.

Dated this 16th day of February


To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attomey(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.

