

Date: February 4, 2025

To: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

Agenda Item No. 3(B)(3)

From: Daniella Levine Cava
Mayor

Resolution No. R-110-25

Subject: Recommendation to Ratify Emergency Contracts for North Terminal Automated People Mover Structural Deficiencies at Miami International Airport (Phases 1 and 2)

Summary

This item is to ratify five (5) emergency contracts awarded for emergency repairs for the North Terminal Automated People Mover (Skytrain) system in Concourse D at Miami International Airport (MIA) for the Miami-Dade Aviation Department (MDAD). These contracts were necessary to immediately address the Skytrain's structural issues, ensuring the safety of the traveling public and employees at MIA, and minimizing operational impacts on American Airlines.

During the biennial inspection of the Skytrain, structural cracking and accelerated deterioration were discovered in several pier caps of the Skytrain substructure, with Pier 106 being notably affected. The inspection, conducted by MDAD's bond engineer, HNTB, led to a preliminary structural analysis in September 2023 that revealed significant stress levels in several pier caps. These findings were independently confirmed by T. Y. Lin International, Inc. (TYLin).

To safeguard public safety, HNTB recommended an immediate shutdown of the Skytrain. Acting on this advice and the corroborating analysis from TYLin, MDAD's Director declared an emergency on September 15, 2023, and immediately shutdown Skytrain service. Subsequently, a comprehensive analysis was undertaken to develop a schedule of emergency repairs for the restoration of Skytrain service. This process involved consultations with the original designers, review of construction records, material testing, and detailed inspections, including areas that were previously inaccessible. Based on these efforts, the repair plan was divided into three phases as detailed below.

Recommendation

It is recommended that the Board of County Commissioners (Board) approve ratification of five (5) emergency contract awards for *Contract Nos. E-10381, E-10382, E-10383, E-10417, and E-10476*, in a cumulative amount of \$7,833,045.99 to address North Terminal Automated People Mover structural deficiencies (Phases 1 and 2) at MIA for MDAD. These contracts were critical as priority is placed on safety and operational continuity at MIA, ensuring that both the public and airline operations are protected from the risks associated with the compromised infrastructure. Emergency contracts for Phase 3, in the estimated amount of \$5,300,000, will be presented in a separate item for ratification by the Board as work approaches completion.

Background

On September 15, 2023, MDAD's Director declared an emergency in response to a critical safety issue affecting the Skytrain at MIA. The emergency was triggered by the discovery of compromised structural conditions in several pier caps that support the Skytrain's guideways, the rails upon which the Skytrain travels on to get from one station to another. These pier caps are essential components of the infrastructure, as they bear the load and ensure the stability of the guideways, which are integral to the Skytrain's operation. Given the importance of the Skytrain in facilitating passenger movement within MIA's North Terminal, especially for connecting flights and accessing other terminals, the disruption had the potential to significantly impact airport operations. This was particularly concerning for American Airlines, which relies heavily on the Skytrain to manage the flow of passengers between gates and terminals efficiently.

To address this urgent issue, emergency contracts as listed below were authorized to expedite the necessary repairs. The primary goals were to restore the structural integrity of the pier caps, ensure the safety of the guideways, and mitigate the operational impact on American Airlines and other airport services. The contracts also aimed to minimize disruption to passengers by quickly returning the Skytrain to service, thereby maintaining the essential transportation links within MIA. The repair work was divided into three phases. Upon completion of the work scheduled under Phase 1, the Skytrain resumed operations ahead of schedule, on March 29, 2024, along the most traversed section of the system, from Station 2 to Station 4 (75% of the train system). Phase 2, which is currently in progress, will rehabilitate structural members between Stations 1 and 2 and allow for the system to resume operations from Station 1 to 2. Upon completion of Phase 2, which is anticipated in Summer 2025, Phase 3 will be completed while the Skytrain is in operation.

Phase 1: Repair of Piers 64 and 66. These piers were prioritized to enable majority operation of the Skytrain from Station 2 to Station 4, covering about 75% of the service route.

Phase 2: Repair of Piers 96, 98, and 106, with a focus on Pier 106, which requires extensive concrete repair and a complex shoring system.

Phase 3: Minor crack repairs and waterproofing of the remaining piers to prevent further deterioration.

The responsibilities for Phases 1 and 2 were distributed and performed under the emergency contracts as follows:

Contract No. E-10381 (MIA North Terminal Guideway Project Support) awarded to HNTB Corporation – Provided general engineering services, including inspections, structural analysis, plan review, and support throughout the design and construction phases. The total cost is \$362,195.49 for a 15-month term which expired December 31, 2024.

Contract No. E-10382 (MIA North Terminal Guideway Project Support) awarded to Professional Service Industries, Inc. – Conducted material testing during the research and construction phases. The total cost is \$87,510.71 for a 15-month term which expired December 31, 2024.

Contract No. E-10383 (MIA North Terminal Guideway Project Support) awarded to TYLin – Provided general engineering services, including inspections, structural analysis, peer review, full-time construction engineering and inspection services, and additional support during design and construction. The total cost is \$350,000 for a 15-month term which expired December 31, 2024.

Contract No. E-10417 (MIA Skytrain Pier ASR Remediation, Restoration and Repairs) awarded to CMC Contractors, LLC – This Specialized General Contractor was responsible for the repairs and provision of design engineering services. The total cost is \$6,982,379.79 for an 11-month term which expired December 31, 2024.

Contract No. E-10476 (Skytrain Project Support) awarded to Bliss & Nyitray, Inc. – Performed threshold inspections as required by the Department of Regulatory and Economic Resources. The total cost is \$50,960 for a 12-month term which expires April 30, 2025.

Per Resolution No. R-454-13, this ratification was not presented to the Board within 120 days of the emergency due to the item not being processed in time for placement on the applicable agenda.

Scope

MIA is located within District 6, which is represented by Commissioner Kevin Marino Cabrera; however, the impact of this item is countywide.

Fiscal Impact/Funding Source

The fiscal impact for these emergency contracts for Phases 1 and 2 is \$7,833,045.99.

Contract No.	Department	Allocation	Funding Source	Contract Manager
E-10381	MDAD	\$362,195.49	Proprietary Funds	Sylvia Novela
E-10382		\$87,510.71		
E-10383		\$350,000.00		
E-10417		\$6,982,379.79		
E-10476		\$50,960.00		
	Total	\$7,833,045.99		

Track Record

Marie Williams of the Strategic Procurement Department (SPD) is the Procurement Contracting Manager.

Delegated Authority

If this item is approved, the County Mayor or County Mayor's designee will have the authority to exercise all provisions of the contracts, including any cancellation or extensions, pursuant to Section 2-8.1 of the County Code and Implementing Order 3-38.

Vendors Recommended for Ratification

Vendor	Principal Address	Local Address	Number of Employee Residents	Principal
			1) Miami-Dade 2) Percentage*	
CMC Contractors, LLC	3406 NW 151 Street Opa Locka, FL	Same	150	Yosbany Ballate
			95%	
HNTB Corporation	715 Kirk Drive Kansas City, MO	5200 Waterford District Drive Miami, FL	85	Craig Denson
			1.2%	
T. Y. Lin International	345 California Street San Francisco, CA	201 Alhambra Circle Coral Gables, FL	41	Nathaniel Oppenheimer
			2.64%	
Professional Service Industries, Inc.	545 E Algonquin Road Arlington Heights, IL	7950 NW 64 Street Miami, FL	38	Todd Andrews
			2.13%	
Bliss & Nyitray, Inc.	5835 Waterford District Drive Miami, FL	Same	55	George Khoury
			54%	

*Provided pursuant to Resolution No. R-1011-15. Percentage of employee residents is the percentage of vendor's employees who reside in Miami-Dade County as compared to the vendor's total workforce.

Due Diligence

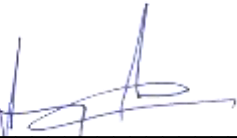
Pursuant to Resolution No. R-187-12, due diligence was conducted in accordance with SPD's Procurement Guidelines to determine vendor responsibility, including verifying corporate status and that there are no performance and compliance issues through various vendor responsibility lists and a keyword internet search. The lists that were referenced included convicted vendors, debarred vendors,

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delinquent contractors, suspended vendors, and federal excluded parties. There were no adverse findings relating to vendor responsibility.

Applicability of Ordinances and Contract Measures

- The two percent User Access Program does not apply.
- The Small Business Enterprise contract measures and Local Preference do not apply.
- The Living Wage does not apply.



Jimmy Morales
Chief Operating Officer



MEMORANDUM

(Revised)

TO: Honorable Chairman Anthony Rodriguez
and Members, Board of County Commissioners

DATE: February 4, 2025

FROM: 
Glen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 3(B)(3)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☒ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, majority plus one ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3) (h) or (4)(c) ____, CDMP 9 vote requirement per 2-116.1(4)(c) (2) ____) to approve
- ☒ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 3(B)(3)
2-4-25

RESOLUTION NO. R-110-25

RESOLUTION RATIFYING EMERGENCY CONTRACT NO. E-10381 WITH HNTB FOR MIA NORTH TERMINAL GUIDEWAY PROJECT SUPPORT IN AN AMOUNT NOT TO EXCEED \$362,195.49 FOR A 15-MONTH TERM, EMERGENCY CONTRACT NO. E-10382 WITH PROFESSIONAL SERVICE INDUSTRIES, INC. FOR MIA NORTH TERMINAL GUIDEWAY PROJECT SUPPORT IN AN AMOUNT NOT TO EXCEED \$87,510.71 FOR A 15-MONTH TERM, EMERGENCY CONTRACT NO. E-10383 WITH T. Y. LIN INTERNATIONAL FOR MIA NORTH TERMINAL GUIDEWAY PROJECT SUPPORT IN AN AMOUNT NOT TO EXCEED \$350,000.00 FOR A 15-MONTH TERM, EMERGENCY CONTRACT NO. E-10417 WITH CMC CONTRACTORS, LLC FOR MIA SKYTRAIN PIER ASR REMEDIATION, RESTORATION AND REPAIRS IN AN AMOUNT NOT TO EXCEED \$6,982,379.79 FOR A 11-MONTH TERM, AND EMERGENCY CONTRACT NO. E-10476 WITH BLISS & NYITRAY, INC. FOR SKYTRAIN PROJECT SUPPORT IN AN AMOUNT NOT TO EXCEED \$50,960.00 FOR A 12-MONTH TERM FOR THE MIAMI-DADE AVIATION DEPARTMENT; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXERCISE ALL PROVISIONS OF THE CONTRACTS, INCLUDING ANY CANCELLATIONS OR EXTENSIONS, PURSUANT TO SECTION 2-8.1 OF THE COUNTY CODE AND IMPLEMENTING ORDER 3-38

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that:

Section 1. This Board finds it is in the best interest of Miami-Dade County to ratify Emergency Contract No. E-10381 with HNTB for MIA North Terminal Guideway Project Support in an amount not to exceed \$362,195.49 for a 15-month term, Emergency Contract No. E-10382 with Professional Service Industries, Inc. for MIA North Terminal Guideway Project Support in an amount not to exceed \$87,510.71 for a 15-month term, Emergency Contract No. E-10383 with

T. Y. Lin International for MIA North Terminal Guideway Project Support in an amount not to exceed \$350,000.00 for a 15-month term, Emergency Contract No. E-10417 with CMC Contractors, LLC for MIA Skytrain Pier ASR Remediation, Restoration and Repairs in an amount not to exceed \$6,982,379.79 for a 11-month term, and Emergency Contract No. E-10476 with Bliss & Nyitray, Inc. for Skytrain Project Support in an amount not to exceed \$50,960.00 for a 12-month term for the Miami-Dade Aviation Department (MDAD).

Section 2. This Board authorizes the County Mayor or County Mayor's designee to exercise all provisions of the contracts, including any cancellations or extensions, pursuant to section 2-8.1 of the County Code and Implementing Order 3-38. Copies of the individual contracts are on file with and available upon request from the Professional Procurement Staff in MDAD.

The foregoing resolution was offered by Commissioner **Marleine Bastien** , who moved its adoption. The motion was seconded by Commissioner **Raquel A. Regalado** and upon being put to a vote, the vote was as follows:

Anthony Rodriguez, Chairman	aye		
Kionne L. McGhee, Vice Chairman	aye		
Marleine Bastien	aye	Juan Carlos Bermudez	aye
Kevin Marino Cabrera	aye	Sen. René García	aye
Oliver G. Gilbert, III	aye	Roberto J. Gonzalez	aye
Keon Hardemon	aye	Danielle Cohen Higgins	aye
Eileen Higgins	aye	Raquel A. Regalado	aye
Micky Steinberg	aye		

The Chairperson thereupon declared the resolution duly passed and adopted this 4th day of February, 2025. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.



MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

JUAN FERNANDEZ-BARQUIN, CLERK

By: Basia Pruna
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

A handwritten signature in dark ink, appearing to read "DMM", is written over a horizontal line.

David M. Murray