

**ADDITIONAL MATERIAL
REGULAR MEETING**

MAY 24, 2022

**SUBMITTED AT THE REQUEST OF
COUNTY ADMINISTRATION**



May 12, 2022

Rob Stevenson
1 Panther Parkway
Sunrise, FL 33323

Monica Cepero, Broward County Administrator
115 S. Andrews Ave
#421
Fort Lauderdale, FL 33301

Dear Ms. Cepero,

As a follow-up to our recent conversation, this letter is to formally request Broward County to contribute \$3,500,000 toward the purchase of four new HVAC systems at FLA Live Arena for the enhancement of COVID-19 safety protocols requested by the National Hockey League (NHL).

During the 2020-2021 season, the NHL mandated 15 Cubic Feet per Minute (CFM) of Outside Air (OA) per spectator in the arena, limiting our capacity to only 50% during that season. While the NHL did not require 15 CFM of OA per spectator for the 2021-2022 season, the NHL does *"recommend improving airflow (demonstrated by increasing Air Changes per Hour (ACH) as compared to existing performance levels) and increasing outdoor air flow rates to all occupied spaces, based on the analysis of the venue's existing configuration of the HVAC system."* (2021/22 Season Mechanical/HVAC-R Policy, Airflow Management: Ventilation and Filtration, p. 3)

The American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) is in the process of developing a new standard of CFM of OA in response to COVID-19. Third-party engineers familiar with ASHRAE believe it will likely settle at ~10 CFM of OA per spectator in arena-type venues, thus setting our required capability to achieve maximum spectator capacity at 200,000 CFM of OA (to meet 20,000 spectators). We believe that four new HVAC systems, designed to produce 200,000 CFM of OA, prepares our organization to successfully adhere to expected ASHRAE standards as a baseline, and puts us in a stronger position to adhere to the NHL's 15 CFM of OA requirement should a new subvariant lead the League to impose said requirement again. The NHL has been clear on League Operations calls that no venue should rule out the return of the 15 CFM requirement should NHL medical consultants advise it to be prudent.

The total cost of the replacement of the four HVAC systems has been estimated to be \$6,075,716 as outlined in the attached costs schedule. Should we not conduct this replacement in the off-season before the 2022-2023 season, and ASHRAE adjust its CFM position statement or the NHL reimpose its 15 CFM of OA requirement, we will not be able to conduct the replacement until the end of the 2022-2023 season, resulting in potentially significant negative financial impact on the organization.

If you have any questions, I can be contacted at stevensonr@floridapanthers.com or directly via cell at 617-388-1044.

Very Respectfully,

Rob Stevenson
SVP & GM, SS&E Facilities



May 19, 2022

Rob Stevenson
1 Panther Parkway
Sunrise, FL 33323

Monica Cepero, Broward County Administrator
115 S. Andrews Ave
#421
Fort Lauderdale, FL 33301

Dear Ms. Cepero,

As a follow-up to our letter dated on May 12th, 2022, please accept this letter as confirmation that the Arena Operating Company, Ltd., a Sunrise Sports & Entertainment company, will pay for the balance (projected to be \$2.5M) of the new HVAC systems at FLA Live Arena from non-Renewal and Replacement Account funds. This project is an unforeseen Capital Repair due to COVID-19, and thus, that \$2.5M in the Renewal and Replacement Account has already been earmarked for other Capital Repairs in the arena.

If you have any questions, I can be contacted at stevensonr@floridapanthers.com or directly via cell at 617-388-1044.

Very Respectfully,

A handwritten signature in black ink, appearing to read "R. Stevenson".

Rob Stevenson
SVP & GM, SS&E Facilities

Job Scope	Contractor / Vendor	Actual
MEP Design Engineer	Ark Engineering	\$120,000.00
Permitting	City of Sunrise	\$95,000.00
Cut Wall, Install headers and door frame for new doors. Includes wind load calculations and drawings	Lotspeich Company - Framing Division	\$8,300.00
Install Door in South Mechanical Room Wall	Lotspeich Company - Door Division	\$6,500.00
Install new 4 inch gas line from meter to South MER	General Plumbing	\$115,849.00
Air Handlers and Heater Cabinets	XNRGY	\$1,807,074.00
Munters Equipment & SI Solutions Fee's	Munters & SI Solutions	\$1,330,800.00
Mechanical (AHU Assembly & Piping)	Valor / Kerney	\$1,693,800.00
Energy Valves	Kerney	\$90,000.00
Crane and Rigging	Williams International Crane and Rigging	\$329,660.00
Steps inside new door.	In House	\$1,000.00
Concrete Work / Expand HK Pads	3D Paving & Sealcoating	\$18,743.00
Electrical Work to reconnect new air handlers and DH Cassettes. Install VFD's.	Z Electric	\$250,000.00
Frequency Drives for new AHU's and Reactivation Fan	CMH Solutions	\$96,990.00
Controls	Energy IQ Group, LLC	\$112,000.00