

Memphis-Shelby County Airport Authority (Authority)

**Addendum No. 2
To
Request for Bid 24-0011 Re-Bid
ARFF OVERHEAD DOOR REPLACEMENT**

This Addendum is an integral part of the Request for Bid (RFB) package named above. The Memphis-Shelby County Airport Authority deems all sealed bids submitted in recognition and consideration of the entire RFB package— **including all addenda.**

In the event of conflict between the Specifications of the RFB and this Addendum, this Addendum shall prevail.

Item Number 1 **RFB Section 15.2 Exception to Specifications (Required) shall be deleted in its entirety and replaced with the following below:**

Must be returned with response.

Exceptions must be stated on this form in addition to providing other relevant data.

The undersigned Bidder hereby certifies that its response is fully compliant with the specifications except for the following:

Specifications:		
High Speed Roll-Up Commercial Garage Doors New Doors 8,9,10,11,12,13 at the West (Air) Side	Comply	Exception
<p style="text-align: center;">1. Basis of design:</p> <p>Spiral type, Partial Vision, High-Speed High Performance Rolling Door.</p> <p>Acceptable manufacturer :</p> <p>1) Rytec Corporation 2) Hormann Flexon LLC (Basis of Design) 3) Wayne Dalton Or approved equal</p>		
<p style="text-align: center;">2. Door Panel:</p> <p>9" Aluminum slat frames and clear polycarbonate sheets with scratch resistant coating.</p> <p>A. Integral rubber weather seal between each individual door slat. Install continuous exterior heavy duty weather seal around the perimeter of door openings. Provide rubber seal at door bottom. Provide thermal break between slats.</p> <p>B. Door slats to be connected by heavy duty hinge system to provide rigidity, support and security to door curtain.</p> <p>C. Lower 4 feet above bottom bar and from upper 12' to top of door to have solid aluminum panels in place of clear polycarbonate.</p> <p>D. Class 1, clear anodized aluminum finish on the inside and dark bronze on exterior.</p>		
<p style="text-align: center;">3. Side Frames:</p> <p>A. Dual, full-height weather seal to seal against both sides of the door panel.</p> <p>B. Lower portion of side column covers removable to allow service access without the need to remove the entire cover.</p>		
<p style="text-align: center;">4. Counterbalance:</p> <p>Counterbalance extension springs assist the motor in opening the door.</p> <p>A. Up to six extension springs located within each side column, depending on the size of the door.</p> <p>B. Doors using torsion springs for counterbalance, springs located within a barrel for counterbalance will not be accepted.</p>		

Specifications:		
High Speed Roll-Up Commercial Garage Doors New Doors 8,9,10,11,12,13 at the West (Air) Side	Comply	Exception
<p style="text-align: center;">5. Drive system: Variable-speed AC Drive</p> <p>A. Minimum 5 hp motor. B. Provide Mechanical release lever or hoist that allow manual operation of the door in the event of a power failure.</p>		
<p style="text-align: center;">6. Travel Speed: Opens at up to 60" per second and closes at 30" per second.</p> <p>Variable speed AC drive system capable of infinitely variable speed control in both directions.</p>		
<p style="text-align: center;">7. Electrical Controls: Housed in a UL/cUL listed, NEMA 4X rated, impact-resistant polycarbonate plastic enclosure with factory set parameters.</p> <p>A. Display provides scrolling self-diagnostic and status messaging as well as quick, straightforward installation and control adjustments. B. Tamperproof cycle counter viewable without opening enclosure. C. Programming and adjustments made using touchpad on face of control box. D. Door control panel to provide power for all ancillary safety and activation items. No separate power source for these items to be required. E. Installer also to reuse the three-button panel. F. Door 12 and door 13 to be interlocked and be fed by the same 3 pole 20amp Breaker.</p>		
<p style="text-align: center;">8. Travel Limits: Door to use absolute rotary encoder to regulate door travel limits.</p> <p>A. Limits to be adjustable without the use of tools from floor level at the control panel. B. Doors using mechanical limits switches or doors that require access to the operator in order to adjust limits will not be accepted.</p>		
<p style="text-align: center;">9. Door Track:</p> <p>A. Door track configuration above the opening to allow door panel to roll back into a coil. B. No metal-to-metal contact between moving parts anywhere on door, including connections between the slats.</p>		

Specifications:		
High Speed Roll-Up Commercial Garage Doors New Doors 8,9,10,11,12,13 at the West (Air) Side	Comply	Exception
<p style="text-align: center;">10. Safety Devices:</p> <p>A. Minimum 6’ high “Intelligent” light curtain mounted directly in-line with door panel.</p> <ol style="list-style-type: none"> 1. Maximum spacing between the individual beams of the light curtain shall not exceed 3”. 2. Light curtain system to be capable of distinguishing between individual beams obstructed directly below the leading edge of the moving door and those obstructed further away from the leading edge. <p>B. LED Safety Light System</p> <ol style="list-style-type: none"> 1. LED light strip mounted to <u>each</u> door side columns at eye level. 2. colored lights flash to indicate the door is about to close and red lights illuminate to indicate the door is closing. 3. Safety light system must be mounted at the door threshold at eye level for maximum visibility and safety. 		
<p style="text-align: center;">11. Wireless Bottom Bar:</p> <p>A. Bottom bar to be completely wireless. Reversing edge signal is carried to the door controller via radio frequency. Doors using coil cords or wired connections of any kind will not be accepted.</p> <ol style="list-style-type: none"> 1. Wireless system to provide control-reliable, two-way communication between the bottom bar and the door controls for safety. During door operation, time lapse of communication between bottom bar and door controls shall not exceed 5 milliseconds. 2. Estimated battery life of wireless system to be no less than 3 years. Control box to indicate the need for battery replacement before low power is detected. 3. Wireless system to employ frequency-hopping technology to prevent “cross talk” and RFID interference. 4. Wireless system firmware to be upgradeable for future updates/enhancements without requiring additional wiring or components 		
12. All components factory finished.		
<p style="text-align: center;">13. Remotes:</p> <p>Contractor is to supply 2 new remote controls for each door.</p>		

Specifications:			
High Speed Roll-Up Commercial Garage Doors New Doors 8,9,10,11,12,13 at the West (Air) Side		Comply	Exception
<p align="center">14. Warranty:</p> <p>A. Five-Year limited warranty on mechanical components.</p> <p>B. Two-Year limited warranty on electrical components.</p> <p>C. Two-year limited warranty on standard door panels, rollers, hinges and door tracks.</p> <p>D. Seven-year limited warranty on polycarbonate sheets against breaks, coating failure, excessive increased haze, excessive yellowing or loss of light transmission.</p>			

(Use additional pages if needed)

Except as noted above, the undersigned certifies full compliance with the specification stated in the RFB. It is understood and agreed that in the event the items delivered upon award are not compliant, the Bidder will be required to take whatever steps necessary to ensure full compliance at no additional cost to the Authority.

Signature of Authorized Representative

Printed Name of Authorized Representative

Title

Date