

**DEPARTMENT OF PROCUREMENT SERVICES – CITY OF CHICAGO**

**May 2, 2019**

**ADDENDUM NO. 4**

**FOR**

**AIRSIDE CONCRETE MAINTENANCE AND REPAIR AT O’HARE AND MIDWAY INTERNATIONAL AIRPORTS**

**SPECIFICATION NO. 769425**

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For which Bids were to be opened in the office of the Chief Procurement Officer, Department of Procurement Services, Bid & Bond Room 103, City Hall, 121 N. LaSalle Street, Chicago, IL 60602 at **11:00 a.m., Central Time on May 6, 2019.**

The following additions and revisions are incorporated into the above-referenced Specification (the “Contract Documents”) as noted. All other provisions and requirements as originally set forth, except as amended by previous addenda, remain in force and are binding. Any additional work required by this Addendum shall conform to the applicable provisions of the original Contract Documents.

**BIDDER MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE PROPOSAL EXECUTION PAGE.**

**SECTION 1. NOTICE OF REVISIONS/CHANGES/CLARIFICATIONS**

***BID OPENING HAS BEEN POSTPONED TO May 15, 2019***

<b>1.</b>	The Bid Opening Date has been postponed to May 15, 2019. For which Bids will be opened in the Department of Procurement Services, Bid & Bond Room, Room 103, City Hall, 121 N. LaSalle Street, Chicago, Illinois, 60602, at 11:00 a.m., Central Time.
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**SECTION 2. NOTICE OF REVISIONS/CHANGES/CLARIFICATIONS**

<b>Article 5. Section 5.26.3., Materials</b>	
1.	Existing Section 5.26.3, Materials, has been deleted in its entirety and replaced with the revised Section 5.26.3, which is attached to this Addendum No. 4 as Attachment 1.
<b>Article 5. Section 5.27.3., Materials</b>	
2.	Existing Section 5.27.3, Materials, has been deleted in its entirety and replaced with the revised Section 5.27.3, which is attached to this Addendum No. 4 as Attachment 1.

**SECTION 3. QUESTIONS AND RESPONSES/CLARIFICATIONS**

<b>CLARIFICATIONS TO BIDDERS QUESTIONS</b>	
<b>Question 1:</b>	<p>I'm sending this message in regards to two projects that are bidding 4/18/19. The specification numbers are as listed in the subject line above, #769425 &amp; #769412. We have been contacted about these projects by multiple contractors to submit pricing for our product, Silspec® Flexpatch for use as the Epoxy Repair Mortar as indicated in #769412, 5.24. ITEM 10 and #796425, 5.26. ITEM 12 Elastomeric Concrete and 5.27. Line 13 Epoxy Repair Mortar.</p> <p>The Silspec® Flexpatch has been used for many years as a repair mortar at both O'Hare and Midway International Airports, but it will not meet the values stated in the specification. In fact, I'm not aware of an epoxy based product that would meet those requirements.</p> <p>We would like to submit for approval on this project. What are the steps I need to take submit it before the 18th?</p>
<b>Answer 1:</b>	Please see the attached revised sections 5.24.3., Materials and 5.27.3., Materials.

**END OF ADDENDUM NO. 4**

CITY OF CHICAGO  
DEPARTMENT OF PROCUREMENT SERVICES

SHANNON E. ANDREWS  
CHIEF PROCUREMENT OFFICER

**ATTACHMENT 1  
(REVISED) SECTION 5.26.3. AND (REVISED) Section 5.27.3.**

**5.26.3. Materials (REVISED)**

The elastomeric concrete material shall be a field mixed, ambient cure, 100% solids, and two component polyurethane with pre-graded aggregate mix exhibiting the physical properties listed in the tables below. When properly mixed and poured, the elastomeric concrete cures rapidly, flows and fills any voids, spalls or irregularities forming a monolithic unit. Elastomeric cured binder shall meet the following physical properties:

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>REQUIREMENT</u>
Tensile Strength	ASTM D638	750 psi, min
Tear Resistance	ASTM D624	80 lb/in, min.
Elongation	ASTM D638	150% min.

Elastomeric cured binder and aggregate shall meet the following physical properties:

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>REQUIREMENT</u>
Compressive Strength	ASTM D695	2000 psi min.
Resilience @ 5% deflection	ASTM D695	90% min.
Impact Resistance @ 32F (0C) @ -20F (-29C) @158F (70C)	ASTM D3029	No cracks No cracks No cracks

A priming/bonding agent shall be used in conjunction with the Elastomeric Concrete. The Contractor shall procure a priming/bonding agent that is compatible with the elastomeric materials used in this installation. The Contractor must submit mix designs to the Commissioner for approval before use on the airfield.

**5.27.3. Materials (REVISED)**

Mortar resin will be 2-component medium modulus 100:1 solids, and 100:1 reactive non-shrink epoxy polymer blended with silica or quartz sand mortar resin to create epoxy polymer concrete and will be used as concrete patching material.

The adhesive properties of this unique formulation will provide both chemical and mechanical adhesion creating a monolithic design between the epoxy and the concrete substrate, where structural repairs of concrete pavements that are easily accomplished during either normal or adverse application conditions.

Materials shall meet the Type V requirements of the most recent version of ASTM C881 and any referenced documents in ASTM C881. Contractor must submit mix designs to the Commissioner for approval before use on the airfield.