



**RMC RESEARCH & EDUCATION FOUNDATION
ADVISORY COUNCIL ONLINE MEETING**

Tuesday, October 18, 2022

11:00 a.m. Eastern

Via Zoom

Meeting ID: 244 315 7367; Passcode: RMC

AGENDA

Presiding Officer – Pete Lyons

- I. **WELCOME & ANTITRUST STATEMENT** – Mr. Lyons
 - a. **ACTION:** Compliance with antitrust statement and all U.S. antitrust laws.

- II. **APPROVAL OF THE MINUTES** – Mr. Lyons

SUGGESTED MOTION: The Advisory Council hereby approves the minutes from the April 14, 2022, online meeting.

- III. **PROJECT FUNDING AND MANAGEMENT OVERVIEW** – Mrs. Garbini
 - a. Project Payment Schedule and Management System; Measures of Success
 - b. MIT Concrete Sustainability Hub (CSHub) Update
 - c. Other Project Highlights & Coming Deliverables

- IV. **FINANCIAL STATUS / BUDGET** – Mrs. Garbini
 - a. Current Endowment and Budget

- V. **PROPOSALS FOR CONSIDERATION** – Mr. Lyons and Mrs. Garbini
 - a. Project 22-12: A Low-Carbon Concrete Mixture Proportioning Framework for Meeting States' Global Warming Potential Requirements, \$68,622 over 12 months, submitted by Colorado State University
 - b. Project 22-13: Embodied Carbon Reduction – Floor Loading Assumptions, Amount & Timeframe TBD, submitted by University of Colorado - Boulder
 - c. Project 22-14: Understanding Alkali Silicate Reaction through Synthetic Aggregate Testing, \$130,000 over 24 months, submitted by Alfred University
 - d. Project 22-15: Developing a Ready Mixed Concrete Virtual Assistant for Optimal, Green and Affordable Concretes, \$74,497 over 24 months, submitted by Clemson University

- e. Project 22-16: Selecting Concrete Mixtures with Low Permeability, \$60,000 over 18 months, submitted by NRMCA's Research Laboratory
- f. Project 22-17: Essential Concrete Materials Research to Optimize Use of 3DPC, \$125,000 - \$200,000 over 12 – 24 months (depending on scope), Submitted by Ohio State University
- g. Project 22-18: Examining the Abrasion and Carbonation Resistance of Portland Limestone Cement (PLC) Systems for Industrial Floors, \$69,994 over 15 months, submitted by Temple University
- h. Project 22-19: Research Project to Investigate ICF Wall Construction Meeting the Requirements of NFPA 285 – Phase II, \$62,500 over 12 months, submitted by NRMCA
- i. Project 22-20: Communications and Customer Service Skills for Ready Mixed Concrete Operations Staff, \$20,000 in 2023, submitted by NRMCA's Workforce Development Committee
- j. Project 22-21: Developing a Virtual Reality Ready-Mix Concrete Truck Simulator & Training Program, Phase I: \$178,000 over 24 months and Phase II: \$116,000 over 18 months, submitted by Oklahoma State University
- k. Project 22-22: Proposal to Enhance the Skate4Concrete Program by Promoting Advantages of Concrete's Sustainability and Resilience, \$44,000 in 2023, submitted by Project Cornerstone

VI. **OTHER BUSINESS**

VII. **ADJOURNMENT**