

By Electronic Mail

August 16, 2023

U.S. Securities and Exchange Commission Division of Corporation Finance 100 F Street, NE Washington, D.C. 20549

RE: Tema ETF Trust

Issuer CIK: 0001944285

Issuer File Number: 333-267188 / 811-23823

Form Type: 8-A12B

Filing Date: August 16, 2023

To Whom It May Concern:

Please be advised that Cboe BZX Exchange, Inc. has received an application dated July 11, 2023, from the above-referenced issuer and has approved the following securities for listing on Cboe BZX Exchange, Inc. ("Exchange"):

Tema Global Royalties ETF (ROYA)

In order to facilitate timely listing, the Exchange requests acceleration of registration of these securities under Rule 12d1-2 of the Securities Exchange Act of 1934, as amended. If there are any questions, please call me at (646) 856-8722. Your assistance is greatly appreciated.

Sincerely,

Charles Sullivan

Senior Analyst, Listing Qualifications