

September 22, 2022

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Edwin Kim

**Re: Spire Global, Inc.  
Registration Statement on Form S-3 (File No. 333-267413)**

**REQUEST FOR ACCELERATION OF EFFECTIVENESS**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Spire Global, Inc. hereby requests that the effective date of the above-referenced Registration Statement on Form S-3 be accelerated so that it may become effective at 4:30 p.m., Washington, D.C. time, on September 26, 2022, or as soon thereafter as practicable.

We request that we be notified of such effectiveness by telephone call to Pamela L. Marcogliese of Freshfields Bruckhaus Deringer US LLP at (212) 277-4016.

Very truly yours,  
**Spire Global, Inc.**

By: /s/ Boyd Johnson  
Boyd Johnson  
Chief Legal Officer

cc: Peter Platzer, Spire Global, Inc.  
Thomas Krywe, Spire Global, Inc.  
Pamela L. Marcogliese, Freshfields Bruckhaus Deringer US LLP  
Sarah K. Solum, Freshfields Bruckhaus Deringer US LLP