SOUNDHOUND AI, INC. 5400 Betsy Ross Drive Santa Clara, CA 95054

August 2, 2023

VIA EDGAR

U.S. Securities and Exchange Commission Division of Corporation Finance Office of Technology 100 F Street, N.E. Washington, DC 20549 Attn: Austin Pattan

Re: SoundHound AI, Inc.

Registration Statement on Form S-3

Filed July 24, 2023 File No. 333-273393

Dear Mr. Pattan:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, SoundHound AI, Inc., hereby requests acceleration of effectiveness of the above referenced Registration Statement so that it will become effective at 4:00 p.m. EST on Friday, August 4, 2023, or as soon as thereafter practicable.

Very truly yours,

/s/ Dr. Keyvan Mohajer

Dr. Keyvan Mohajer Chief Executive Officer

cc: Ellenoff Grossman & Schole LLP