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

February 4, 2025

VIA EDGAR

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

> Re: SoundHound AI, Inc. Registration Statement on Form S-3 Filed January 28, 2025 File No. 333-284534

Dear Ms. Krebs:

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 5:00 p.m. EST on Tuesday, February 4, 2025, or as soon as thereafter practicable.

Very truly yours,

/s/ Dr. Keyvan Mohajer

Dr. Keyvan Mohajer Chief Executive Officer

cc: Ellenoff Grossman & Schole LLP