

May 17, 2024

Scott Hutton  
Chief Executive Officer  
Biodesix, Inc.  
919 West Dillon Rd.  
Louisville, Colorado 80027

Re: Biodesix, Inc.  
Registration

Statement on Form S-1  
2024

Filed April 23,  
File No. 333-278881

Dear Scott Hutton:

We have conducted a limited review of your registration statement and have the following comment.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe a comment applies to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to this letter, we may have additional comments.

Form S-1 filed April 23, 2024

General

1. We note your disclosure on page 153 that your selling securityholders may sell their securities through one or more underwritten offerings on a firm commitment or best efforts basis. Please confirm your understanding that the retention by a selling stockholder of an underwriter would constitute a material change to your plan of distribution requiring a post-effective amendment. Refer to your undertaking provided pursuant to Item 512(a)(1)(iii) of Regulation S-K.

We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration

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statement.

Please contact Jane Park at 202-551-7439 or Lauren Nguyen at 202-551-3642 with any other questions.

Sincerely,

FirstName LastName Scott Hutton  
Finance

Division of Corporation

Applications and  
Comapany NameBiodesix, Inc.

Office of Industrial

Services

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cc: Samir Gandhi, Esq.  
FirstName LastName