



Shariq Poonawala

Date: 16 May 2022

Site Address: 51 Marshall Road, Levenshulme Manchester M19 2EG

Ref: 1005223

Project Requirements: Measure the existing environmental noise levels at the site. Provide a recommended scheme of sound insulation to include glazing and ventilation strategy for proposed residential accommodation

Dear Shariq,

Further to your recent enquiry, I am pleased to provide the following proposal for an Environmental Noise Survey at the above address. It is understood that the noise assessment is requested to support a planning submission for proposed residential accommodation.

Scope of work

- A. Environmental Noise Survey:** We will travel to the site and carry out an ambient noise survey to assess the level of noise incident upon the proposed development. Noise measurements will be taken over typical representative periods of the day and night incorporating the likely worst-case noise. We will carry out all noise surveys in accordance with the provisions of BS7445 "Description and Measurement of Environmental Noise". The measurements made will include both dBA and octave band noise levels including L_{eq} , L_{max} , and L_{90} parameters. During the survey duration, we will require access to the site. We will carry out measurements at the rear of the property over a 24 hour period inclusive of morning and evening rush hour periods. We will also carry out shorter comparative measurements at the front of the property.
- B. Review of plans & construction details:** We will review details of façade elements to gather information on glazing and ventilation for use within BS8233 insulation calculations.
- C. BS8233 Calculations & Recommended Sound Insulation Scheme:** Using data from the environmental noise survey and review of proposed façade elements, we will carry out BS8233 calculations to determine the extent to which noise will intrude into proposed dwellings from outside of the building. The results will be compared to the criteria within BS8233:2014 for living rooms and bedrooms during day and night periods. Where there is an exceedance of the criteria, we will calculate the required level of mitigation. We will suggest a scheme of sound insulation works, (typically windows and ventilation openings) to ensure suitable internal noise levels within the development in accordance with the relevant criteria.
- D. Technical Report:** A technical report will be provided which will summarise the results of the survey and sound insulation scheme. This can be presented to the Local Authority as a supporting document to the main planning application and used by the design team to inform decision making.

Fees

We propose to undertake the above services for the fees outlined in Table 1

Table 1 - Fees

Activity	Cost (£)
Total:	1040

All costs quoted are exclusive of VAT, which will be charged at the prevailing rate. This proposal is valid for a period of 30 days from issue. Payment terms are strictly within 30 days. Invoicing will be undertaken upon completion unless otherwise requested in advance.

We propose that the above be undertaken in accordance with our standard terms and conditions, a copy of which can be found at www.acousticsurveys.co.uk/peakterms.pdf

Time Scale

We anticipate that the Technical Report will be completed approximately 1 – 2 weeks following instruction assuming all necessary information has been received and collected.

Project Team

Your project will be assigned to one of our Acoustic Consultants who will act as your main point of contact throughout.

Exclusions

Should the project require further works outside the scope stated within this proposal then we would be happy to undertake this under separate cover.

For clarity, the following services are not included within this quotation:

- Assessment of externally or internally mounted plant associated with the development.
- Internal partition specification / review / testing.
- Internal noise associated with air handling systems.

Requirements

Unless otherwise stated, we have not sought comment from any third party when putting together this quotation / methodology. It is the client's responsibility to ensure that the contents of this document match their own requirements and those of any third party prior to instruction of works.

Closure

I hope you find our proposal of interest and we will be able to work together on this project. Please do not hesitate to contact me should you require clarification on any aspect of the quotation.

I look forward to hearing from you in the near future.

Yours sincerely,

Written by

Aaron Hopkins
BA
Sales Advisor



Checked by

Tom Brown
BSc MIOA
Acoustics Manager

