



Environmental Equipment Corporation Ltd  
 Richmond House, Churchfield Road  
 Walton on Thames  
 Surrey. KT12 2TP  
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Our Ref: AF/EC17746-2

15 July 2020

Slender Winter Partnership Ltd  
 The Old School  
 London Road  
 Westerham  
 Kent  
 TN16 1DN

**For the attention of Paul Bushell**

Dear Sirs,

**Re: 84 Fitzjohns Avenue**

Thank you for your recent enquiry and we now have pleasure in forwarding our quotation for the supply and delivery of the noise control equipment that we have specifically designed on behalf of yourselves for this project.

**Quotation Summary:**

To supply 16 No. High Performance Duct Attenuators as detailed on the attached schedule, EC17746-1.

**£ 2,985.00**

To fabricate and install two bespoke acoustic enclosures for the indicated external condenser units, as detailed below:

- Designed specifically for the Mitsubishi PUMY-P model condenser units (specific model to be advised).
- Nominally 2000mmW x 1300mmD x 1500mmH ea.
- Consisting of AP/50 Acoustic Panelling\*, finished in PPC in a standard stock BS/RAL colour.
- Plant access and maintenance via a demountable panel module on the front elevation.

**£ 9,750.00\***

Carriage to site (Based on 1 No. standard weekday hours delivery).

**£ Included.**

**GRAND TOTAL NETT. £ 12,735.00**

*\* Acoustic panel enclosures offered as a the most cost-effective solution. Acoustic louvred versions are available at a smaller footprint /additional cost. Subject to design and performance requirements.*

quietly moving forward

### Design Notes:

Attenuators have been selected following an initial acoustic analysis of the various systems using the sample unit selections and design targets included in the Mechanical Services Performance Specification (June 2020) and Services Scheme drawings 3025-SK001 and 3025-SK002. The units have been designed to reduce duct-borne fan noise from the indicated plant to the levels specified. We understand that this project will be awarded on a Design and Build basis, therefore the attenuator selections and costs are subject to review once plant selections and layouts have been finalised.

The acoustic enclosures have been preliminarily designed using the information provided to us by yourselves. The design and dimensions are subject to confirmation of the final plant selections, proposed installation locations and external design criteria/Local Authority requirements. Should the Contractor be required to provide a background noise survey and Plant Noise Impact Assessment as part of their works, we (EEC Ltd) would be pleased to provide a fee for our consultancy services for this element.

### Delivery:

Normally 4 - 6 working weeks (2 – 4 for attenuators) from approval of drawings and full and final instructions to proceed with manufacture. All carriage costs are based on normal working hours (8:00 am to 5:00 pm Monday to Friday). Deliveries are to the kerb-side for offloading by others. Should you require any special arrangements, such as a timed/HIAB delivery or for offloading to be included please contact us for a revised price.

### Drawing time:

Normally around 2 working weeks from receipt of an official order, subject to site surveys and details of structural steelwork to be provided by others.

### Construction specification:

Casings: Not less than 0.8 mm galvanised mild steel sheet with mastic sealed, lock-formed joints.

Splitters: Fabricated from not less than 0.8 mm expanded galvanised mild steel with plain, aerodynamically profiled leading and trailing edges.

Infill: Acoustic infill will be inorganic, non-hygroscopic, flame moisture and vermin proof mineral fibre of minimum density 45 kg/m<sup>3</sup>.

Connections: Plain spigots or mez type flanges are available as indicated on the quotation schedule.

### Installation:

Assumes free and unrestricted access to site during working days. Working days constitute the hours of 08.00 and 1730 Monday to Friday excluding Bank Holidays. Free use of 110v/240v electricity supply within 15 metres of all points of installation. All site preparation and disconnection of services will be carried out (by others) prior to the arrival of EEC Ltd on site.



**Exclusions:**

Offloading, storage and positioning of all equipment. All craneage and scaffolding. All builders work, including making good. All disconnection and re-connection of services. All removal of debris and carting away the same. All clearing away on completion. Any structural and/or wind loading calculations.

**Terms:**

Without limitation all intellectual property rights including design and copyrights are vested in Environmental Equipment Corporation Ltd. Under no circumstances shall any details contained herein be released to any third party without the express written agreement of Environmental Equipment Corporation Ltd.

The prices quoted exclude VAT, which would be charged at the rate prevailing at the time of invoice and will remain open for acceptance for a period of 30 days from today's date.

At this stage we have not allowed for any Retention of Monies, Liquidated Damages, Main Contractor's Discount or any other contract terms implied or otherwise.

In the event that specific contract conditions are required, we reserve the right to adjust our quotation or discuss all or any of these aspects in greater detail accordingly.

Any order resulting from this quotation would be subject to our Standard Terms and Conditions of Contract. All transactions are subject to a full financial report status and may require bank guarantees or payment against a pro-forma invoice prior to manufacture/delivery.

We trust the above and attached meet with your immediate requirements, but obviously should you have any queries, please do not hesitate to contact us.

Yours faithfully



**Adam Ford** MSc AMIOA MAES  
**Acoustic Engineer**



## QUOTATION EQUIPMENT SCHEDULE

PROJECT 84 Fitzjohns Avenue  
 QUOTATION REF EC17746-1  
 DATE 14/07/2020



Environmental Equipment Corporation Ltd  
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ITEM	LOCATION	MODEL	DESIGN CRITERIA	DIMENSIONS mm				VOL m <sup>3</sup> /s	PD Pa	PRICE EACH	QTY	PRICE TOTAL
				W	H	L1	L2					
ATT01	FCU-01 Sitting Room Inlet (PFFY-P63VCM-E)	AS/06 HS	NR 30	1100	200	600	-	0.26	<5	215.00	1	215.00
ATT02	FCU-01 Sitting Room Outlet (PFFY-P63VCM-E)	AS/045 HS	NR 30	1100	200	450	-	0.26	<5	189.00	1	189.00
ATT03	FCU-02 Bedroom Inlet (PFFY-P32VCM-E)	AS/06 HS	NR 25	700	200	600	-	0.15	<5	154.00	1	154.00
ATT04	FCU-02 Bedroom Outlet (PFFY-P32VCM-E)	AS/045 HS	NR 25	700	200	450	-	0.15	<5	139.00	1	139.00
ATT05	FCU-03 Dining Inlet (PEFY-P50VMS1-E)	AS/06 HS	NR 35	990	200	600	-	0.22	<5	189.00	1	189.00
ATT06	FCU-03 Dining Outlet (PEFY-P50VMS1-E)	AS/10 HS	NR 35	990	200	1000	-	0.22	<5	227.00	1	227.00
ATT07	FCU-04 Bedroom Inlet (PFFY-P40VCM-E)	AS/06 HS	NR 25	900	200	600	-	0.18	<5	182.00	1	182.00
ATT08	FCU-04 Bedroom Outlet (PFFY-P40VCM-E)	AS/045 HS	NR 25	900	200	450	-	0.18	<5	162.00	1	162.00
ATT09	FCU-05 Gallery Inlet (PFFY-P25VCM-E)	AS/06 HS	NR 30	700	200	600	-	0.13	<5	154.00	1	154.00
ATT10	FCU-05 Gallery Outlet (PFFY-P25VCM-E)	AS/045 HS	NR 30	700	200	450	-	0.13	<5	139.00	1	139.00
ATT11	FCU-06 Bedroom Inlet (PFFY-P25VCM-E)	AS/06 HS	NR 30	700	200	600	-	0.13	<5	154.00	1	154.00
ATT12	FCU-06 Bedroom Outlet (PFFY-P25VCM-E)	AS/06 HS	NR 30	700	200	600	-	0.13	<5	154.00	1	154.00
ATT13	FCU-07 Bedroom Inlet (PFFY-P25VCM-E)	AS/06 HS	NR 30	700	200	600	-	0.13	<5	154.00	1	154.00
ATT14	FCU-07 Bedroom Outlet (PFFY-P25VCM-E)	AS/06 HS	NR 30	700	200	600	-	0.13	<5	154.00	1	154.00
ATT15	Kitchen Extract Inlet (TBC)	AS/10 M FRC	NR 45	350	350	1000	-	TBC	TBC	227.00	1	227.00
ATT16	Kitchen Extract Outlet (TBC)	AS/10 M FRC	NR 45	350	350	1000	-	TBC	TBC	227.00	1	227.00
				W	D	H						
ENCL01	CU1 Acoustic Enclosure (Mitsubishi PUMY)	LAB/AP50/PPC		2000	1300	1500				4875.00	1	4875.00
ENCL02	CU2 Acoustic Enclosure (Mitsubishi PUMY)	LAB/AP50/PPC		2000	1300	1500				4875.00	1	4875.00

**Notes:-** Selections to suit Messrs SWP Ltd Mechanical Services Performance Specification (June 2020) and associated drawings.

**Delivery** Typically 2 - 4 weeks (Attenuators), 4 - 6 (Enclosures)

**Connections** Mez Flange

L1=overall unit length

L1&L2=outside leg dimension for bend attenuators

The Attenuator's quoted acoustic and aerodynamic performance has been tested in accordance with BS 4718-1971 "Methods of tests for silencers for air distribution systems".

EEC Standard Terms and Conditions apply

Registered No. 2568740 E&OE

PAGE TOTAL	£ 12,570.00
GOODS TOTAL	£ 12,570.00
CARRIAGE	£ 165.00
<b>TOTAL PRICE</b>	<b>£ 12,735.00</b>