

<b>Incoming Email</b> from andrew_snelling@ads-associates.co.uk on 13/11/2013 16:56 <a href="#">Create Mail Reply</a>	File Ref 1 Email filing exercise File Ref 2 File Ref 3  To: <M.Smith@maxfordham.com> cc: 'LIM Chwee chen' <Chweechen.Lim@uk.arteliagroup.com>; <d.campbell@maxfordham.com> Subject: RE: FW: 11833 Grenfell Tower - Pricing Document - Cost options & Prov Sum
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Associated Documents

created by: Michael McMillan on 13-Nov-13

Hi Matt,

Yes, I agree and may not be cost effective, also I feel Building control/ fire officer may not accept this arrangement as the windings of the motor are not standard, requires additional controls and another potential item to go wrong in an emergency situation.

I will forward this to the manufacture.

Regards

Andrew

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**From:** M.Smith@maxfordham.com [mailto:M.Smith@maxfordham.com]  
**Sent:** 13 November 2013 16:31  
**To:** Andrew Snelling  
**Cc:** LIM Chwee chen; d.campbell@maxfordham.com

**Subject:** Re: FW: 11833 Grenfell Tower - Pricing Document - Cost options & Prov Sum

Afternoon Andrew

The 2-speed fan for smoke extract is a slightly unusual arrangement in that what we're after is smoke extract at the lower speed, with general extract at the higher speed.

The rates are as follows:

Low speed - 0.45 m<sup>3</sup>/s, 80 Pa

High speed - 3.6 m<sup>3</sup>/s, 300 Pa

For cost purposes it may be quicker/easier to cost for:

2x high temp extract fans @ 0.45 m<sup>3</sup>/s, 80 Pa (run & standby)

1x general extract fan @ 3.6 m<sup>3</sup>/s, 300 Pa

This arrangement is an alternative to what we have previously stated but is a viable option if an allowance is made for an additional 2x smoke dampers to isolate the general extract fan from the duct in the case of fire.

Kind regards,

Matt

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From: Andrew Snelling <[andrew\\_snelling@ads-associates.co.uk](mailto:andrew_snelling@ads-associates.co.uk)>  
To: <[m.smith@maxfordham.com](mailto:m.smith@maxfordham.com)>, <[d.campbell@maxfordham.com](mailto:d.campbell@maxfordham.com)>,  
Cc: LIM Chwee chen <[Chweechen.Lim@uk.arteliagroup.com](mailto:Chweechen.Lim@uk.arteliagroup.com)>

**MAX00003961/2**  
MAX00003961/2

Date: 13/11/2013 15:34  
Subject: FW: 11833 Grenfell Tower - Pricing Document - Cost options & Prov Sum

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Hi Duncan, Matt,

I have contacted Flakt Woods for some budget prices on the fans. They seem reluctant to give any budget prices.

Would you be able to provide any idea of air vol and ext press. Requirements. I am more interested with the high temp – 2 speed fan for the smoke extract system.

Regards

Andrew

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**From:** enquiries e3projects [<mailto:enquiries.e3projects@flaktwoods.com>]  
**Sent:** 13 November 2013 15:05  
**To:** Andrew Snelling  
**Subject:** Re: 11833 Grenfell Tower - Pricing Document - Cost options & Prov Sum

Hi Andrew,

Thank you for your enquiry, however, we have a vast range of axial fans which differ with hub sizes, number of blades, pitch angles, motor frames etc so we would not be able to provide an accurate budget cost without any pressure or air volumes.

If you could provide this information then we can review.

Kind regards, Ryan Quinlan.

Kind regards,

E3 Projects Team

Flakt Woods Limited

Tel: [REDACTED]

Fax: [REDACTED]

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Orders Email: [orders.e3projects@flaktwoods.com](mailto:orders.e3projects@flaktwoods.com)

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For the Fläkt Woods Group Fan Selection Tool please go to  
<http://www.flaktwoods.com/fanselector> for your selection needs

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On 12 November 2013 10:04, Andrew Snelling <[andrew\\_snelling@ads-associates.co.uk](mailto:andrew_snelling@ads-associates.co.uk)> wrote:

Dear Sirs,

Further to my telephone call this morning as requested please see request as follows

We are currently developing a tender for the refurbishment of a 24 story residential tower and require to develop provisional sums for the following items

1. **Smoke Extract** - 2 No. 450 dia axial fans fire rated with two speed drive. 1500 long attenuators on inlet and outlet.
2. **Smoke Fresh Air** - 2 No. 450 dia axial fans, two speed drive. 1500 long attenuators on inlet and outlet
3. **Basement Plant Room** - 1 No. 600 dia axial fan. 1500 long attenuators on inlet and outlet.  
We do not have any technical data yet but I would allow for the largest size motor for the size of the fans.

Could you please provide us with budget costs for the fans and attenuators.

I apologise for the short notice would it be possible to have the budget costs by midday today please.

Regards

Andrew

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**From:** [d.campbell@maxfordham.com](mailto:d.campbell@maxfordham.com) [<mailto:d.campbell@maxfordham.com>]

**Sent:** 12 November 2013 08:29

**To:** [andrew\\_snelling@ads-associates.co.uk](mailto:andrew_snelling@ads-associates.co.uk)

**Cc:** 'LIM Chwee chen'; [M.Smith@maxfordham.com](mailto:M.Smith@maxfordham.com)

**Subject:** Re: 11833 Grenfell Tower - Pricing Document - Cost options & Prov Sum

Andrew,

Both Matt and I are on site at Grenfell this morning and probably for most of the afternoon.

For the purposes of pricing, I suggest you base your costs on the following:

**Smoke Extract** - 2 No. 450 dia axial fans fire rated with two speed drive. 1500 long attenuators on inlet and outlet.

**Smoke Fresh Air** - 2 No. 450 dia axial fans, two speed drive. 1500 long attenuators on inlet and outlet.

**Basement Plant Room** - 1 No. 600 dia axial fan. 1500 long attenuators on inlet and outlet.

If you want to check the Prov. Sums for the bathroom extract and the rubbish chute, I suggest you assume 450 dia. axial fans in both cases. Attenuation is not required for these fans.

Hope this helps.

Duncan.

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