



Consequently we indicate below what we have included for within our tender.

1.0 Samples

- (i) We have made allowance to submit hand samples for architectural intent and approval as per specification clause **H11.204** on the architect specifications.

2.0 Mock-Ups

Building Façade Mock-up:

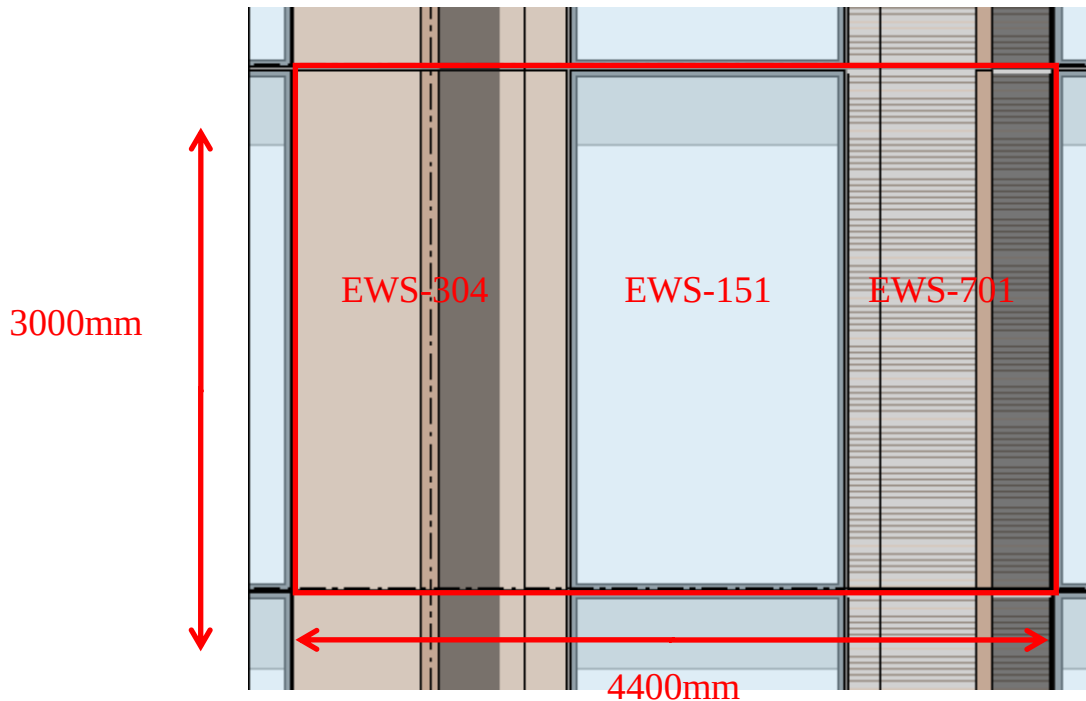
- (i) We have made an allowance for 1 number of visual mock-ups.
- (ii) The visual mock-up will be according to drawing B1-10-0100.
- (iii) The visual mock-up element frame representing the aluminium extrusions will generally be produced from timber and will be painted to represent the finished metal surface.
- (iv) Items which can be bought in or manufactured within the given time will be representative of what will be supplied.
- (v) We have made no allowance for any other visual mock-ups. Should any other mock-ups be provided, a separate cost can be advised upon requested.

Building Façade Mock-up VE Combine LFL Proposal:

- (vi) We have made an allowance for 1 number of visual mock-ups.
- (vii) The visual mock-up no.1 will be 4400 mm wide x 3000mm high and will represent wall types EWS-151, EWS-304 and EWS-701.
- (viii) The visual mock-up element frame representing the aluminium extrusions will generally be produced from timber and will be painted to represent the finished metal surface.
- (ix) Items which can be bought in or manufactured within the given time will be representative of what will be supplied.
- (x) We have made no allowance for any other visual mock-ups. Should any other mock-ups be provided, a separate cost can be advised upon requested.



Visual Mock-up no. 1 – Combine LFL Proposal

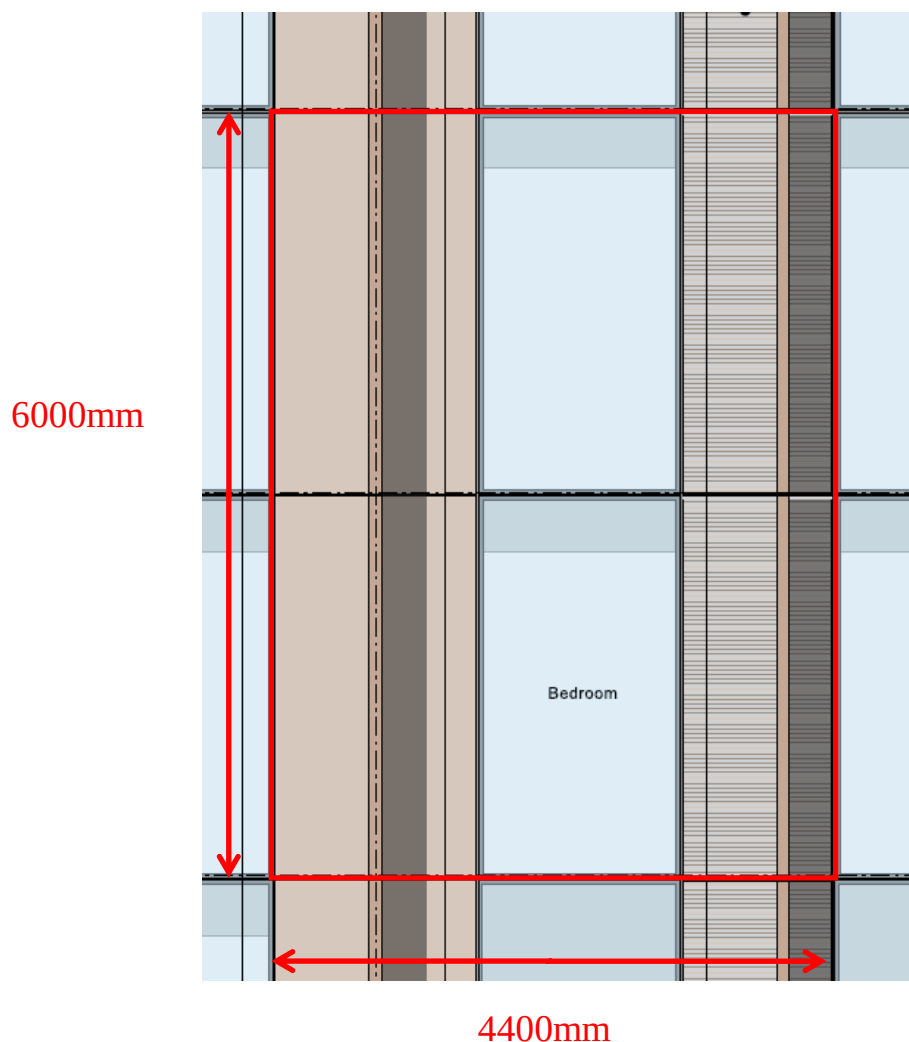


Note:

All the VMU's will be erected in our facility in Arnstorf in Southern Germany.

3.0 Off Site Performance Tests

- (i) 1 no. performance mock-up as combine façade types EWS-151, EWS-304 and EWS-701 approximately 4400 mm wide x 6000mm high as per drawing below which has been priced as an option and the pricing can be found within section 2.02.



- (ii) The method of off-site weather performance testing is in accordance with Specification.
- (iii) Please refer to our Specification Review document for clarification with regard to particular specification clauses. We have made allowance to test at an independent test facility within UK.

4.0 On-Site Hose Testing

- (i) Specification clause **H11.223**, requests on-site hose testing to be undertaken to the works. We have made allowance for 10 working days of site hose testing which equates to 5% of the major joints of the façade.
- (ii) Location of the bays tested to be agreed with the architect prior to the works commencing.
- (iii) We have made no allowance for further testing, however, should this be required, the additional cost can be provided when requested.
- (iv) Method of hose testing to be in accordance with CWCT's Standard Test Methods for Building Envelopes, Section 9.

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- (v) We have made allowance for the tests be witnessed by an UKAS-accredited independent testing authority and for the issuing of 4 reports.
- (vi) We assume that suitable safe access and water supplies will be provided at the appropriate positions and levels by the managing contractor.

Planning Materials Schedule

NOTES:

Refer to drawing series 05247_B1_04_2200 to 2203 for Consented General Arrangment Elevations.

Refer to drawing 05247_B1_10_0100 for Proposed Planning Elevation Sample

5plus architects

Project Name:	10-12 Whitworth Street West
Project Number:	05247
File Reference:	05247/ 6.03
Issue Date:	17 October 2017
Revision:	DRAFT
	Revisions

Material Key	Specification Code	Location	Material	Included in Proposed Planning Elevation Sample Drawing
M3	EXT-401	Boundary fence and gate to east, west and south street level	Bronze coloured, PPC aluminium louvres and gates	N
M4	EWS-151, GL-102	North and south façade floors 4-34	Capless untised curtain walling system with clear glazing	Y
M5	EWS-151, EWS-304	North and south façade floors 4-34	Capless untised curtain walling system with bronze coloured PPC aluminium panels	Y
M6	EWS-151, EWS-701	North and south façade floors 4-34	Capless untised curtain walling system with bronze coloured perforated PPC aluminium panels	Y
M7	EWS-401	East and west façade ground to roof	Mid grey mechanically fixed brick slip system	Y
M8	EWS-153, EWS-211, GL-103, GL-125	East and west façade second to 34th floor	Capless top hung openable window in a unitised system with body tint glass and spandrel panel beneath	Y
M9	EWS-101, GL-101 (L00-L04) GL-104 (L35)	North facade ground to fourth floor, north and south façade roof pavilion	Capless curtain walling system with clear glazing	Y
M10	CON-101	North facade ground to fourth floor	Insitu concrete columns	Y
M11	EWS-501, EWS-301	South facade ground to 4th floor, south facade ground to 34th floor (core)	Capless curtain walling system with bronze coloured PPC aluminium panels	Y
M15	EWS-702	North and south façade floors 4-34	Bronze coloured, PPC aluminium box section	Y
M16	EWS-151, GL-151	North façade 19th floor to plant room	Capless untised curtain walling system with back painted glazing	N
M17	EWS-151, EWS-304	North façade 19th floor to plant room	Capless untised curtain walling system with bronze coloured perforated PPC aluminium panels	Y (M5)
M18	EWS-601	South, east and west façade of roof pavilion	Mid/dark grey insulated render system	Y
M19	BAL-104	North façade roof	Dark grey PPC flat plate steel I balustrade system	N
M20	DRS-222	West façade, street level to substation	Metal doors to match M7	N
M21	DRS-201, DRS-202, DRS-203, DRS-221	South façade, service alley	Metal doors to match M11	N
M22	EWS-211, GL-102	South façade (core)	Top hung opening windows in a capless untised curtain walling system with clear glazing	N
M23	EWS0781, GL-104	South façade (roof)	Capless curtain walling system with clear glazing as screen	N
M24	EWS-703	South façade ground to fourth floor	Capless curtain walling system with bronze coloured PPC louvred panels	Y
M25	EWS-101, EWS-705	North façade second to fourth floor	Capless untised curtain walling system with silver grey coloured perforated PPC aluminium panels	Y
M26	DRS-223	South façade, service alley	Louvred metal doors to match M24	N
M27	Refer to I.D information	North façade, roof pavilion	Decorative brick in front of M18 to I.D specification	N
-	EWS-101, GL-121	Sorth façade, roof (core)	Capless curtain walling system with back painted glazing	Y