SUPPLEMENTARY INFORMATION FORM

1. Site details

Site Name	International House	**Site Address**	82-86 Deansgate, Manchester, M3 2ER
NGR	383690/398440		
Site Ref Number	56017	Site Type[1]	Macro - Rooftop

2. Pre Application Check list

Site selection

Was an LPA mast register used to check for suitable sites by the operator or the LPA?		No
Manchester City Council does not have a mast register – however relevant site history was checked.		
Was the industry site database checked for suitable sites by the operator?	Yes	
if no explain why – n/a		

Annual roll out consultation with LPA

Date of last annual rollout information/ submission	Autumn 2018
Name of contact	Chief Planning Officer
Summary of outcome/Main issues raised n/a	

Pre-application consultation with LPA

Date of written offer of pre-application consultation		
Was there pre-application contact		No
Date of pre-application contact		
Name of contact		
Summary of outcome/Main issues raised This is an upgrade of an existing site and therefore it was not considered that preconsultation was necessary.		

[1] Macro or micro

10 Commitments Consultation

Rating of Site under Traffic Light Model		Green	
Summary of outcome/Main issues raised. n/a			

School/College

Location of site in relation to school/college (include name of school/college) No schools in proximity.
Outline of consultation carried out with school/college (if relevant). (include evidence of consultation) n/a
Summary of outcome/Main issues raised n/a

Civil Aviation Authority/Secretary of State for the Defence/Aerodrome Operator consultation
(only required for an application for prior approval)

Will the structure be within 3km of an aerodrome or airfield?	**No**
Has the Civil Aviation Authority/Secretary of State for Defence/Aerodrome Operator been notified	**No**
Details of response: n/a	

Developer's Notice
(only required for an application for prior approval)

Copy of Developer's Notice enclosed	Yes	
Date served	10/05/2019	

3.0 Proposed Development

The proposed site:
International House, 82-86 Deansgate, Manchester, M3 2ER The installation of a Huawei APM5930 (AC Variant) cabinet, measuring 600 x 480 x 1000mm, the swap out on a like for like basis of the existing RFC Ver. C cabinet for an RFC Ver. D cabinet, measuring 600 x 480 x 900mm, the removal and replacement of 2No. existing antennas with 2No. upgraded antennas located on new support poles, the installation of 1No. GPS node located on an existing antenna support pole, and ancillary development thereto.

Enclose map showing the cell centre and existing sites within the cell and adjoining cells
Not applicable, upgrade of an existing site.

Type of Structure (e.g. tower, mast, etc):	
Antennas and cabinets on rooftop	
Overall Height: approx. 25 metres	
Height of existing building (where applicable)	Approx. 25 metres to highest plant room level
Equipment Housing	
Huawei APM5930 (AC Variant)	600 x 480 x 1000mm (WxDxH)
RFC Ver. D cabinet	600 x 480 x 900mm (WxDxH)
Materials (as applicable)	
Tower/mast etc – type of material and external colour	ANTENNAS - STEEL - GREY
Equipment housing – type of material and external colour	STEEL – GREY

Reasons for choice of Design
Upgrade of an existing site. Proposed cabinet and replacement cabinet will be located alongside existing cabinets on the rooftop. Replacement antennas and GPS node will be located on new support poles face mounted to the existing building/plant room.

4.0 Technical information

ICNIRP Declaration attached ICNIRP public compliance is determined by mathematical calculation and implemented by careful location of antennas, access restrictions and/or barriers and signage as necessary. Members of the public cannot unknowingly enter areas close to the antennas where exposure may exceed the relevant guidelines. When determining compliance the emissions from all	**Yes**	

cellular operators on the site are taken into account.		

Frequency	GSM 1865.5-1846.5 MHz
Modulation characteristics[2]	GMSK & UMTS
Power output (expressed in EIRP in dBW per carrier)	56 dBm
Height of antenna (m above ground level)	22.6 and 24.3 to centre of antennas

5.0 Technical Justification

Enclose predictive coverage plots.

Reason(s) why site required e.g. coverage, upgrade, capacity (map attached if required)
Upgrade of an existing site.

[2] The modulation method employed in GSM is GMSK (Gaussian Minimum Shift Keying) which is a form of Phase Modulation.
The modulation method employed in UMTS is QPSK (Quad Phase Shift Keying) which is another form of Phase Modulation.

SITE SELECTION PROCESS – ALTERNATIVE SITES CONSIDERED AND NOT CHOSEN

Site[3]	**Site Name and address**	**NGR**	**Reason for not choosing**[4]
N/a upgrade			

If no alternative site options have been investigated, please explain why **n/a upgrade of an existing site**

[3] **ETS - Existing Telecomm site, ES - Existing Structure, RT - Roof Top, GF - Greenfield**

[4] SP - Site Provider, RD - Redevelopment Not Possible, T - Technical Difficulties, P – Planning O – Other

Additional relevant information

Contact Details

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Operators	**Hutchison 3G UK Limited (H3G) & EE Limited**	**Fax no**	**0161 956 4009**
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Signed	V. Parsons	**Date**	**13th May 2019**
Position	**Planner**	**Company**	**Avison Young** **For and on behalf of Hutchison 3G UK Limited (H3G) & EE Limited**