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NOTE: All efforts must be made to limit the pole height to maximum 5 meters. If it is not possible to conclude theoretically the pole height within 5mts, a live test using a CPE must be carried out. Items indicated as () are NOT mandatory.*

A Sketch Indicating exact location of the Pole with Ref. to Landmarks

Work Order Reference No:

Date of survey:

Work Order Date :

RESULT:

1. Feasible BSU.
2. Mast /Pole Height Required -
3. Receive Level - dBm

Sr. No.	Parameters	Observation	observation
Base Station Details			
1	BSU Site Name & Address		
2	Sector		
3	Latitude of BSU		
4	Longitude of BSU		
5	Available Bandwidth on this sector	Bandwidth is to be checked and filled by VSNL	
CPE Details			
6	Site Name		
7	Site Address		
8	Latitude at CPE Location		
9	Longitude at CPE Location		
10	Bandwidth requested as per WO		
11	Application		
12	Altitude of CPE Location or Height of the Antenna	m	

from sea level.		
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Prepared By		Approved By	
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Sr. No.	Parameters	Observation	observation
13	Distance between CPE location and nearest Airport.		
14	AMSL	M	
15	Building Detail: # of Floors Height		
16	Hop Distance	M	
17	Azimuth or Calculate Bearing Angle from CPE location(DEGREE FROM BSU TO SU)	degree	
18	Is direct Line Of Sight available?		
19	What is the Fade Margin	dBi	
20	Is NLOS coverage required?		
21	Is the NLOS connectivity tested using a CPE?		
22	What is the through put measured?		Attachment Must (Snap shot)
23	What is the Signal Strength?		Attachment Must (Snap Shot)
24	Is the connectivity feasible in NLOS?		
Common Information for LOS & NLOS			
25	Is building owned by customer?		
26	Is access to terrace of building freely available?		
27	Is there provision for mounting ODU without erecting a Pole/Mast?		
28	Mounting of ODU on Pole/Mast?		
29	Is permission required to erect mast / pole on the terrace?		
30	What is the Pole/Mast height recommended?		
31	What is the type of pole erection recommended?		

Prepared By		Approved By	
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Gemini Communication Ltd

MMDS CPE FEASIBILITY/SITE SURVEY FORMAT

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Sr. No.	Parameters	Observation	Observation
32	Type of Mast recommended?		
33	Erection of Mast?		
34	Is Building able to sustain the Mast?		
35	Antenna Height from Ground Level?	m	
36	Is Position of the Antenna as agreed with the customer?		
37	Location of Equipment room w.r.t ODU *		
38	Type of Antenna (Integrated / External) and Gain of Antenna.	Integrated&18dbi	
39	Cable Length CAT5 (App.)	m.	
40	Length of conduit. (App)	m.	
41	Is permission required to route cable from terrace to customer premises (Server Room)		
42	Is Earthing Point near ODU available at the terrace?		
43	Is Earth Pit is available to connect the ODU?		
44	Length of Earth cable from ODU to Terrace Earth Strip/ Earth Pit		
45	Is space for mounting IDU provided?*		
46	Is stabilized 230 Volts AC Power Supply with UPS back up available) *		
47	Extension of DC earth from equipment rack to DC earth point in equipment room. *		
48	Whether the Block Diagram of the Pole Location Attached? (Diagram is Mandatory)		
49	Remarks / Additional Information		

Gemini Representative
(Name & Signature)
Mobile Number: -

Customer Representative
(Name & Signature)
Mobile Number:-

Site Diagram Attached:-

1) Top View (Location of Mast)

2) Side view (Location of Server Room& Cable rooting)