

TECHNICAL PROPOSAL (OSP)



LOCATION A

LAT : 4.845115, LONG : 100.72503



LOCATION B

LAT : 4.847327, LONG : 100.719031

EXISTING CIVIL INFRASTRUCTURE ,PROPOSED 1WAY HDD AND PULLING FIBRE OPTIC CABLING

Project Name: TP EX IMPLEMENTATION – JALAN RAJA SULONG (AULONG)

Region : NORTHERN

Site/Link Name : 12-0223_AB_4427B_SIMPANG TAIPING_KTM TAIPING_EXISTING DIGI

Site A : 4427B_SIMPANG TAIPING

Site B : KTM TAIPING_EXISTING DIGI

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1.0 OSP

Section 1: Proposal Sign-off sheet

This proposal is to provide new civil infrastructure and fibre optic cabling for link below :

Location A : 4427B_SIMPANG TAIPING
 Location B : KTM TAIPING_EXISTING DIGI

Contractor

Name : MUTANIC TECHNOLOGY SDN BHD
 Signature : 
 Check & Approved date : 14/02/2025
 Submission Date : 14/02/2025

CelcomDigi Authorized Personel

Verify By

Signature : _____
 Name : _____
 Date : _____

Approved By

Signature : _____
 Name : _____
 Date : _____

OSP Summary

Overall proposed Civil Infrastructure Design Distance		1100	meter
a.	MICRO Trenching	N/A	meter
b.	Horizontal directional drilling	1100	meter
c.	Carriage way open cut trenching	N/A	meter
d.	Proposed Cable Trunking	N/A	meter
e.	Grass Verge open cut trenching	N/A	meter
f.	Other (LAMP POLE)	N/A	meter
g.	Exist cable ladder (in cabin)	N/A	meter
Pulling new cable 144C		1130	meter
Proposed new closure		2	Pc
No. of proposed Manhole/Joint Box/JB30		N/A	pc
EXIST M/H		5	pc
Area of milling work required		N/A	pc
Estimated timeline required for job completion		N/A	days

Existing Infrastructure Information

Preceding duct/sub-duct space	N/A
Preceding duct/sub-duct condition	N/A
Existing / tapping manhole	MH Condition OK
Existing cable/fiber condition	Infra & existing cable damaged/temporary cable

TENAGA Pole Option:

TNB pole availability	N/A
Distance of the TNB poles	N/A
Constraint	N/A

3rd parties Dependencies

Item	Parties involve and location
LA/LC	KUDR, MBI
LLM / KTM / SBC / etc	N/A
Building Management / Land Lord	N/A
Private Owners	N/A

Other Highlights/Remark

<p>TP Temporary to permanent</p> <p>Incident:</p> <ol style="list-style-type: none"> 1. KTM Taiping - Simpang Celcom (Kg Boyan)-Aulong- XD 23/02/2022 2. Aulong Taiping - Kamunting Indah (kg flat boyan)-XD 21/01/2023
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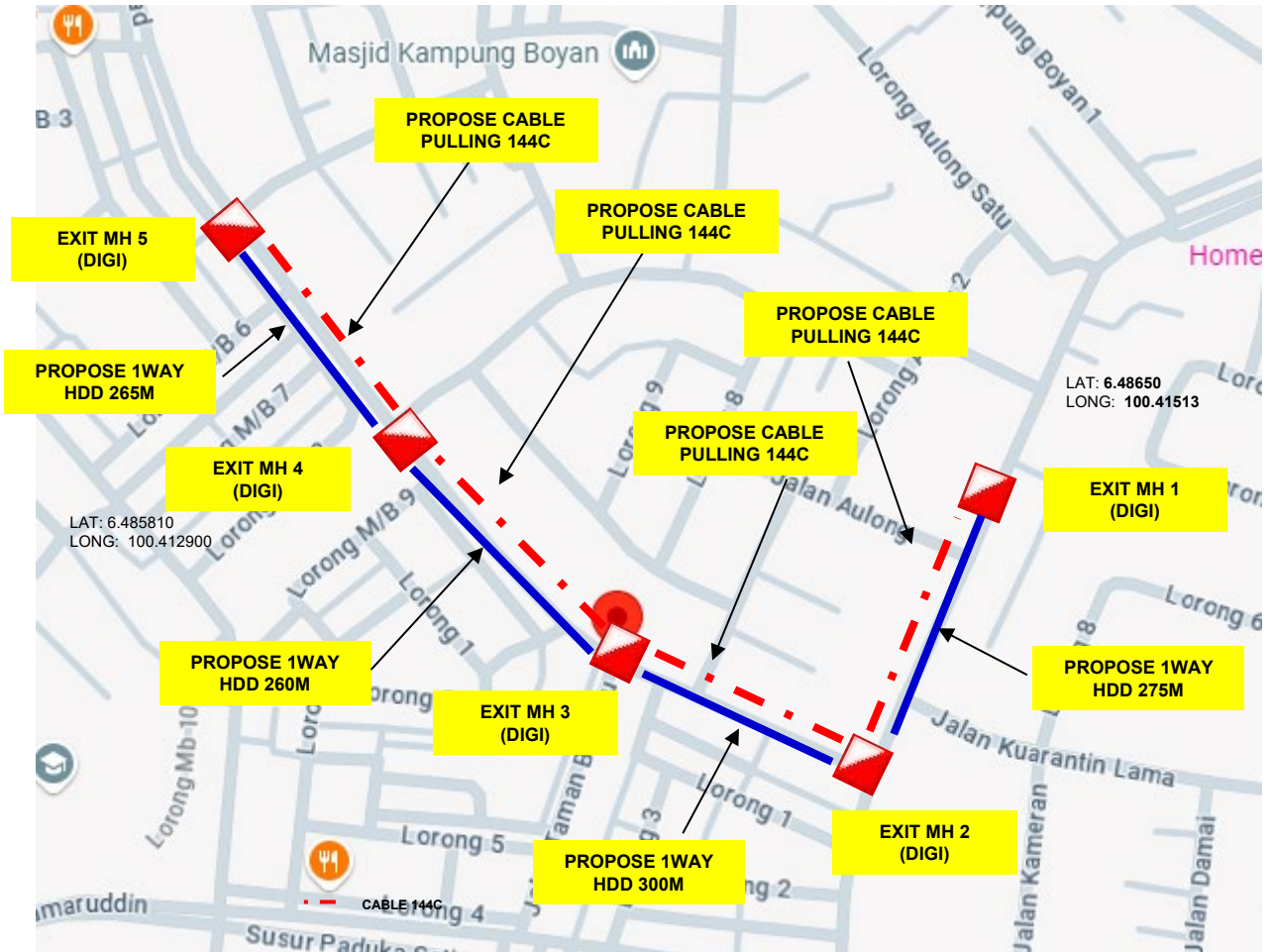
Manholes GPS Coordinates

MANHOLE	LATITUDE	LONGTITUDE
EXISTING MH 1 (DIGI)	4.845115	100.72503
EXISTING MH 2 (DIGI)	4.84294	100.723918
EXISTING MH 3 (DIGI)	4.843854	100.722122
EXISTING MH 4 (DIGI)	4.845492	100.720495
EXISTING MH 5 (DIGI)	4.847327	100.719031

Section 3 : - Bill of Quantity

Section 4 : OSP Routing Plan

Section 4 : OSP Routing Plan

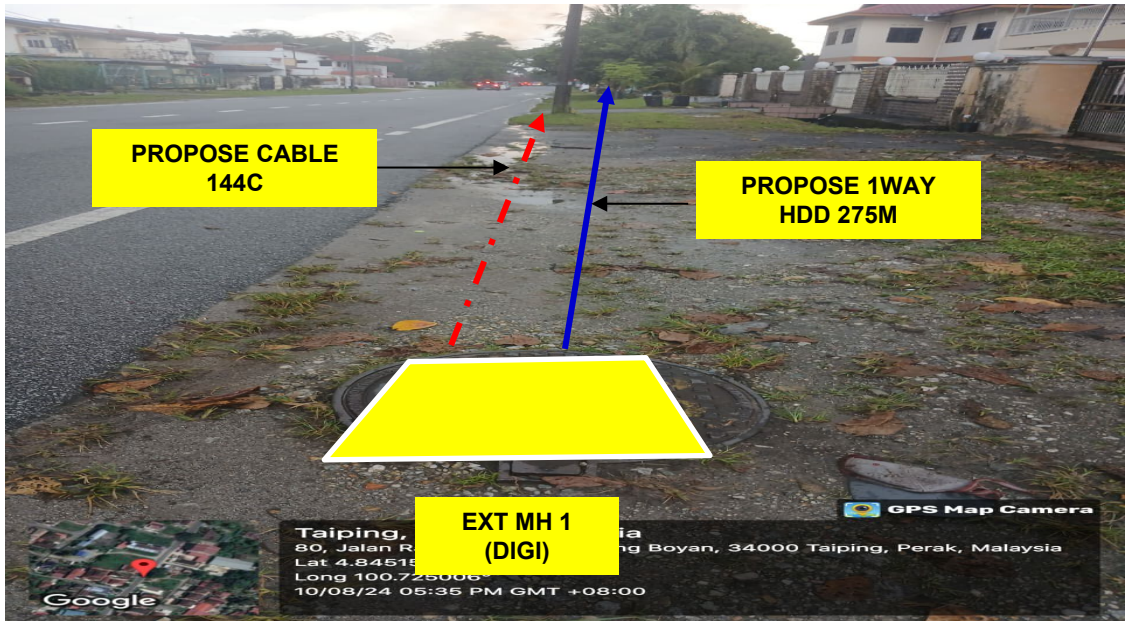


LEGEND :			
	HDD PIPE		EXT. MH
	OPEN CUT (GRASS VERGE)		PROPOSED MH
	DISTANCE		TOWER
	LAMP POLE		POLE
	G.I PIPE		

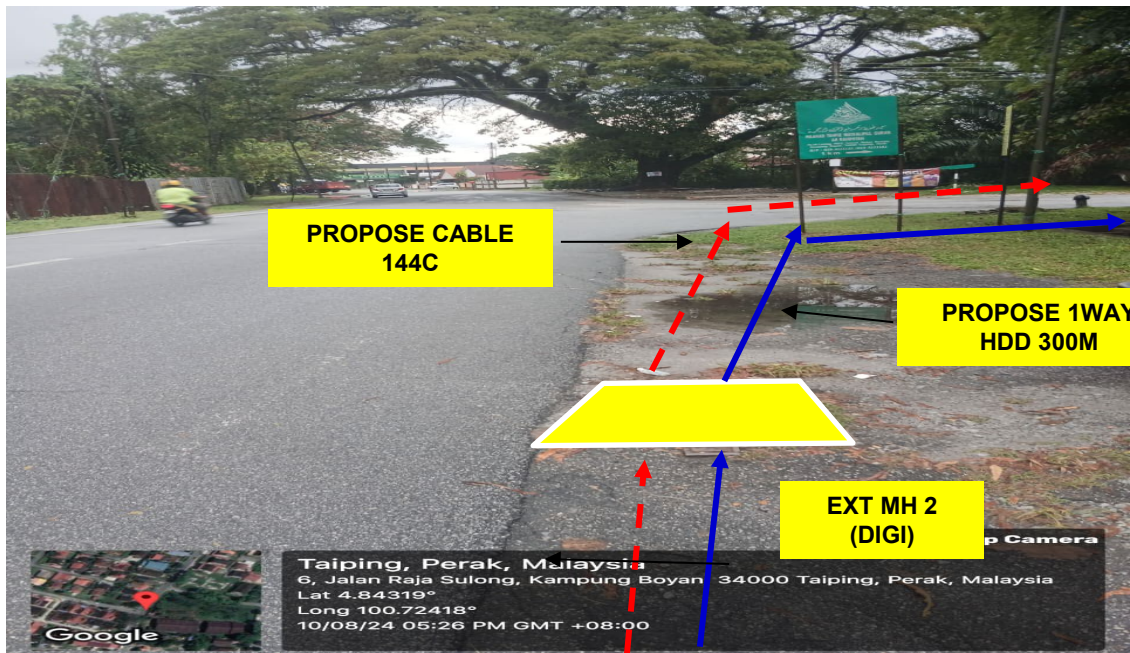
Section 5 : OSP Snapshot

Section 5: Outside Plant Site Snapshot

PHOTO 1



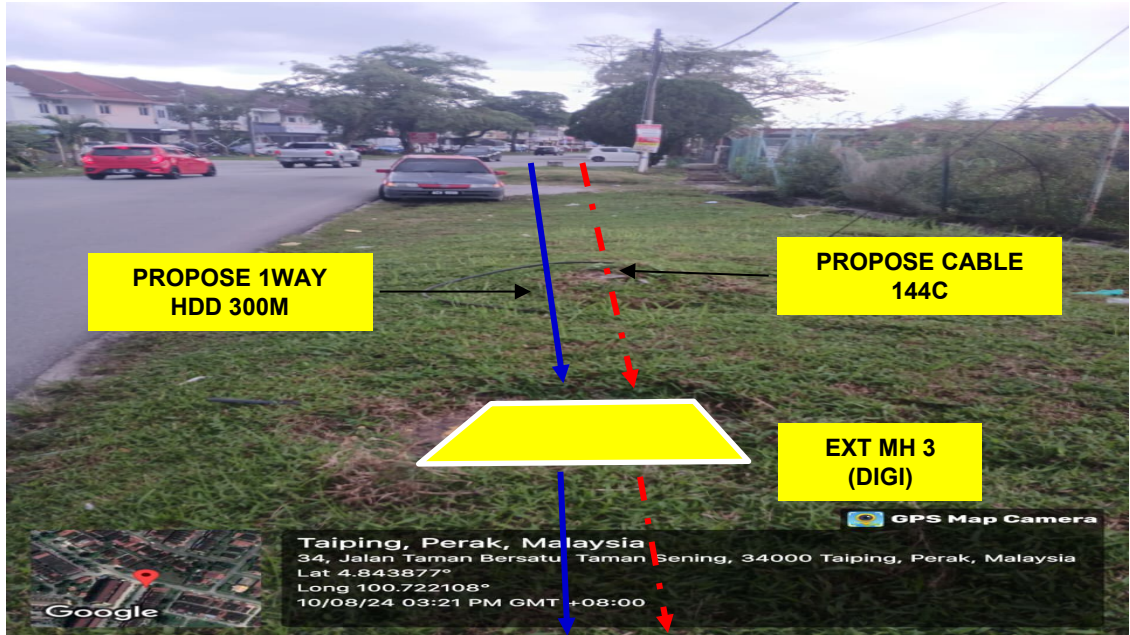
JALAN RAJA SULONG, KG BOYAN



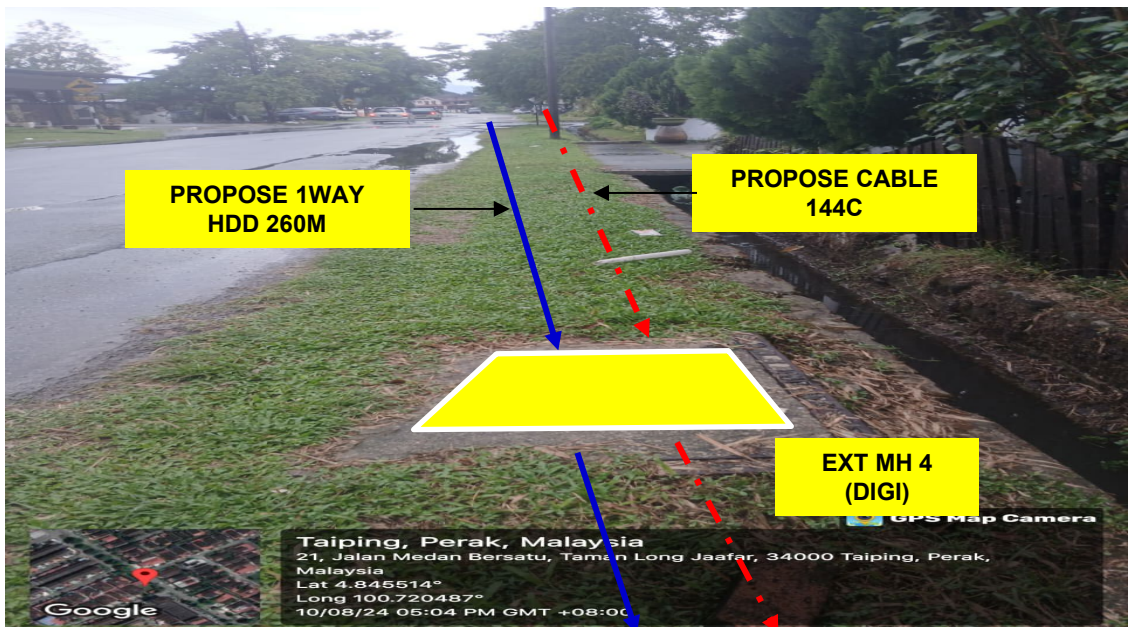
JALAN RAJA SULONG, KG BOYAN

Section 5: Outside Plant Site Snapshot

PHOTO 2



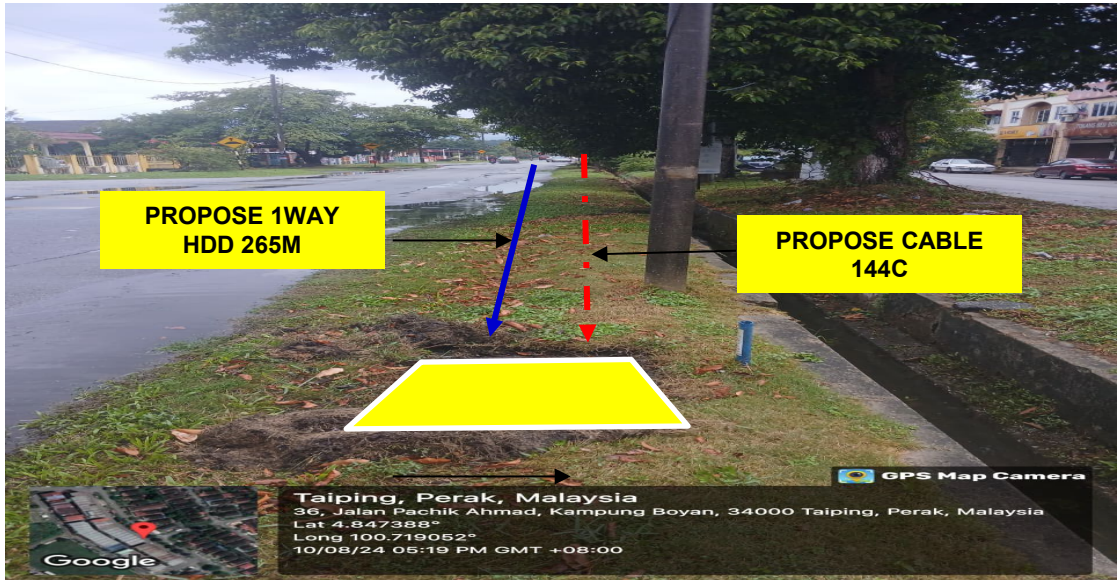
JLN TAMAN BERSATU



JLN MEDAN BERSATU

Section 5: Outside Plant Site Snapshot

PHOTO 3



JLN PACHIK AHMAD

Section 6 : Room/Cabin Layout

Location of Rack and ODF



Section 7:3rd Party Listing

Section 8: Work Schedule

Work Schedule

No.	Task name	Weeks							
		1	2	3	4	5	6	7	8
1	CIVIL INFRASTRUCTURE WORKS								
1.1	Mobilization								
1.2	Supply and Install MH c/w Accessories								
1.3	HDD Works								
1.4	Trenching Works								
1.5	Micro Trenching Works								
1.6	Supply and Install 4x32mm Sub-Duct								
1.7	Testing & Commissioning of Civil Infra*								
2	CABLE WORKS								
2.1	Laying of OFC 144C								
2.2	Splicing & Termination								
2.3	Testing & Commissioning*								
3	SITE ACCEPTANCE								
3.1	Handover Document								