

# 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 PERSEKUTUAN 1, SIMPANG (KFC)

**Region :** NORTHERN

**Site/Link Name :** FL1-0144\_AB\_12-0076\_4453A\_SIMPANG TAIPIING CELCOM\_PADANG RENGAS

**Site A :** 4453A\_SIMPANG TAIPIING CELCOM

**Site B :** PADANG RENGAS

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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 : 4453A\_SIMPANG TAIPING CELCOM  
Location B : PADANG RENGAS

### 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

<b>Overall proposed Civil Infrastructure Design Distance</b>		1065	meter
a.	MICRO Trenching	N/A	meter
b.	Horizontal directional drilling	1065	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		1100	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

### 3<sup>rd</sup> 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> <p>1. Simpang Taiping to MID Padang Rengas FL1-0144_12-0076_ Simpang Taiping Celcom- Padang Rengas- XD 05/11/2019</p>
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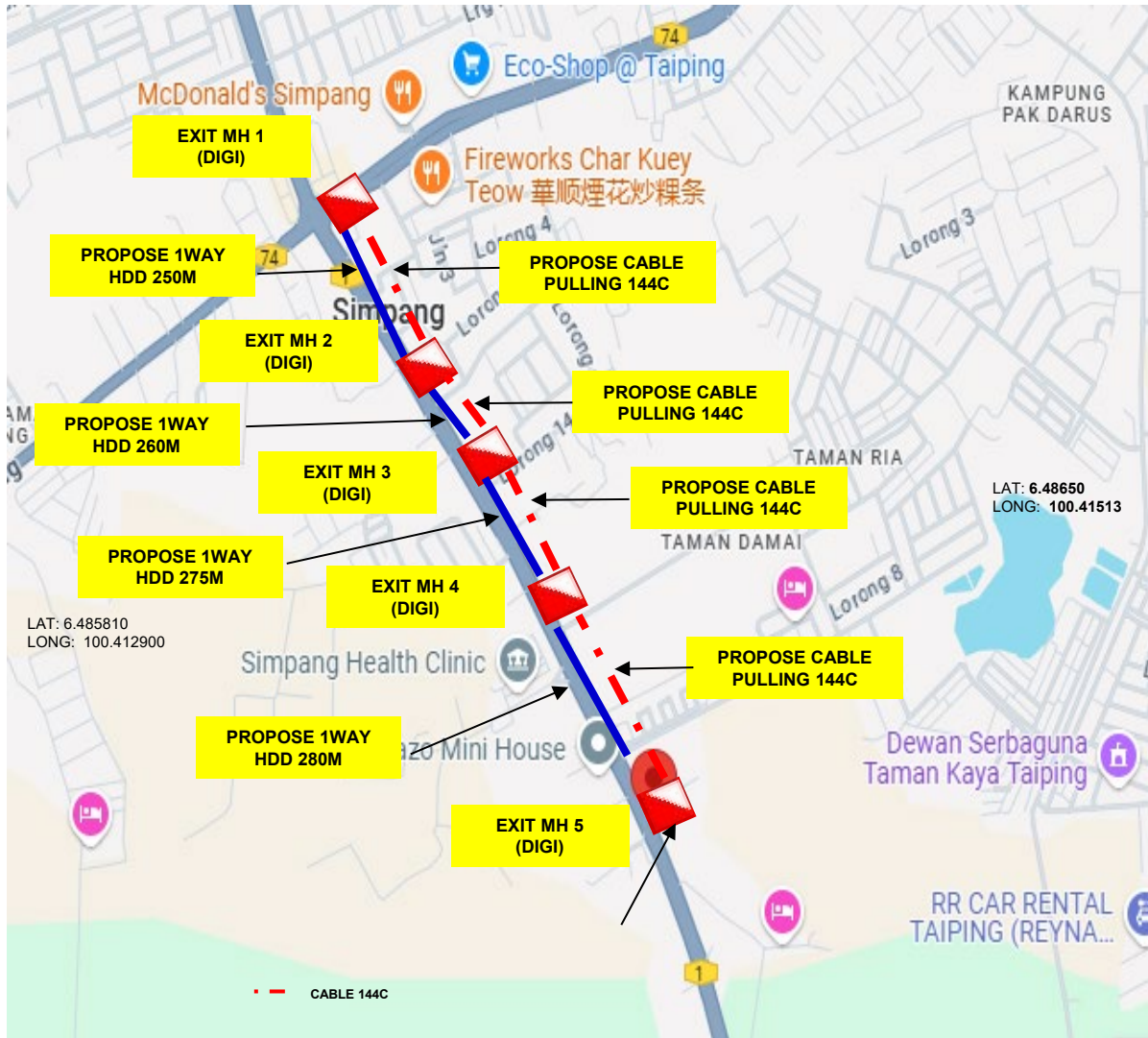
## Manholes GPS Coordinates

MANHOLE	LATITUDE	LONGTITUDE
EXISTING MH 1 (DIGI)	4.820813	100.706507
EXISTING MH 2 (DIGI)	4.817489	100.708316
EXISTING MH 3 (DIGI)	4.815729	100.709545
EXISTING MH 4 (DIGI)	4.812965	100.711368
EXISTING MH 5 (DIGI)	4.808564	100.713927

## **Section 3 : - Bill of Quantity**

## **Section 4 : OSP Routing Plan**

## Section 4 : OSP Routing Plan

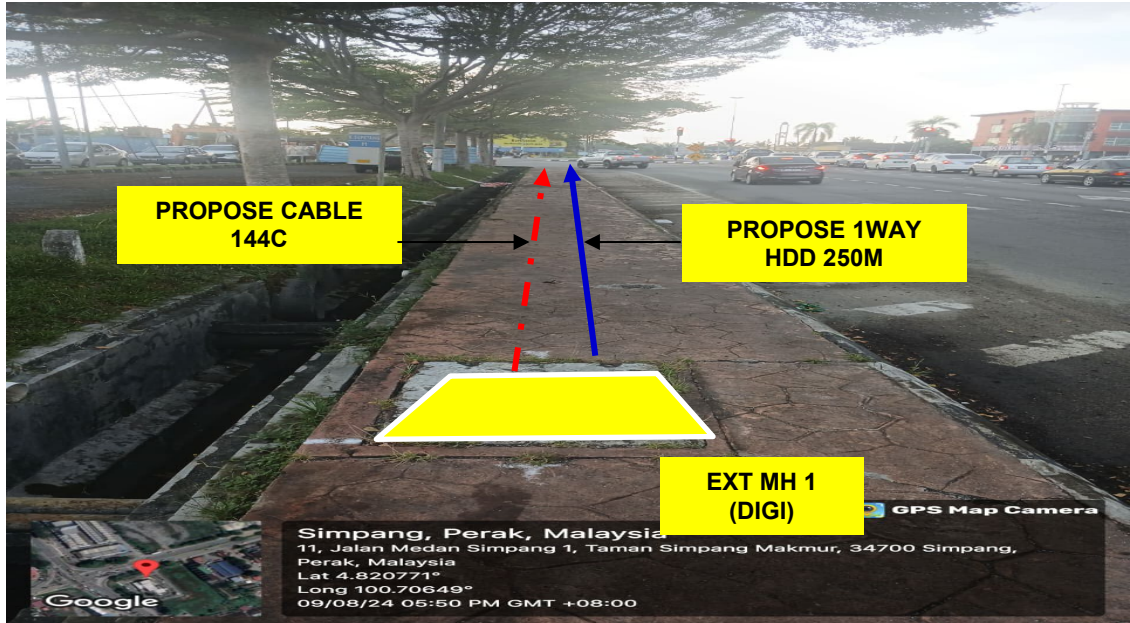


LEGEND :			
	HDD PIPE		EXT. MH
	OPEN CUT (GRASS VERGE)		PROPOSED MH
	DISTANCE		TOWER
	LAMP POLE		POLE
	G.I PIPE		

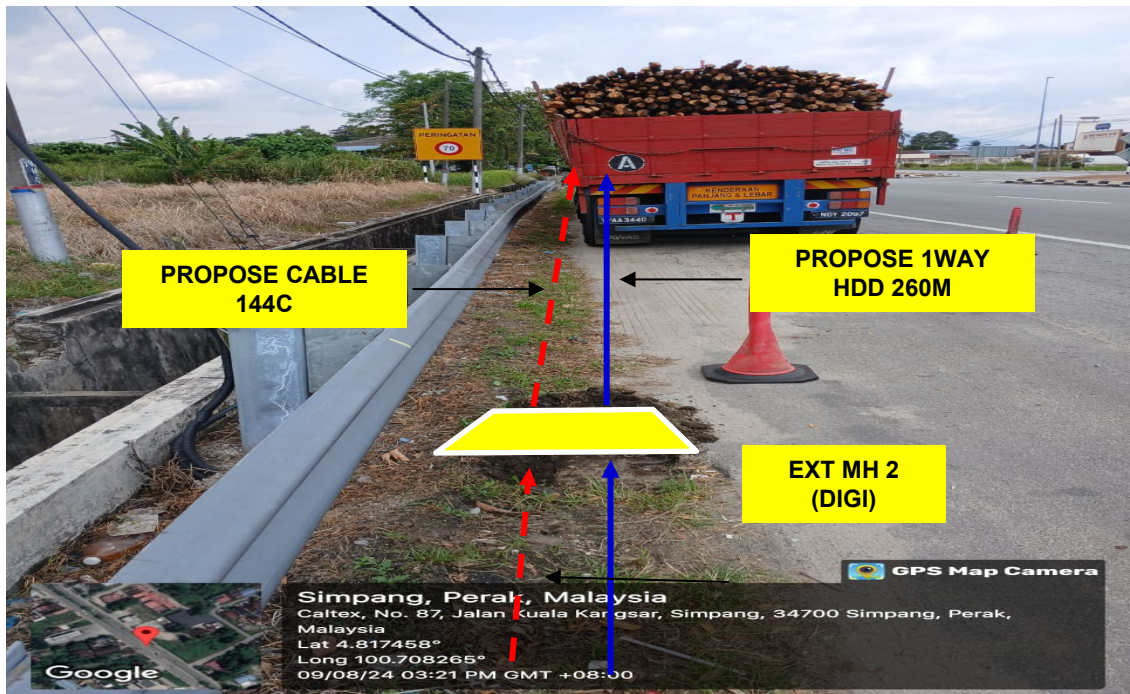
## **Section 5 : OSP Snapshot**

### Section 5: Outside Plant Site Snapshot

PHOTO 1



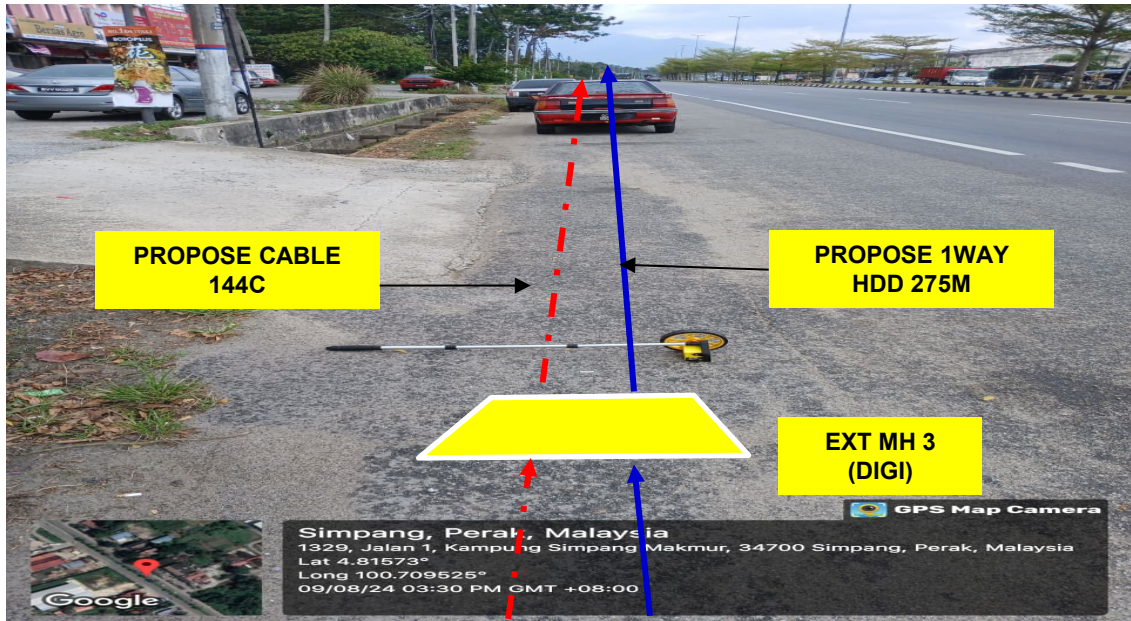
SIMPANG



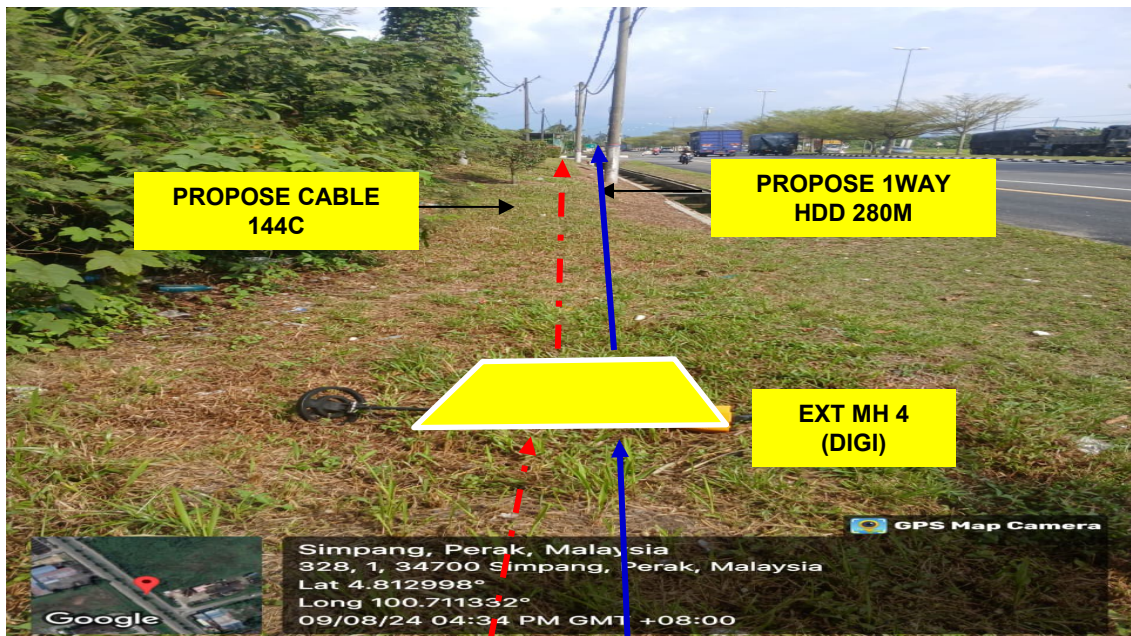
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## Section 5: Outside Plant Site Snapshot

PHOTO 2



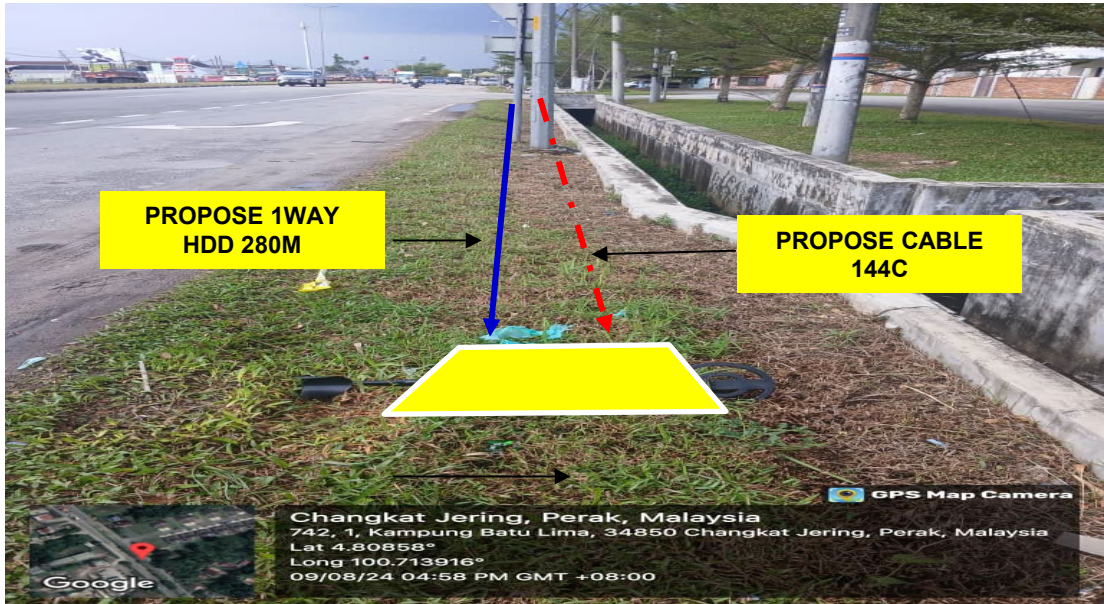
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SIMPANG

## Section 5: Outside Plant Site Snapshot

PHOTO 3



CHANGKAT JERING

## **Section 6 : Room/Cabin Layout**

## **Location of Rack and ODF**



## **Section 7:3<sup>rd</sup> Party Listing**

## **Section 8: Work Schedule**

## Work Schedule

No.	Task name	Weeks							
		1	2	3	4	5	6	7	8
<b>1</b>	<b>CIVIL INFRASTRUCTURE WORKS</b>								
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*								
<b>2</b>	<b>CABLE WORKS</b>								
2.1	Laying of OFC 144C								
2.2	Splicing & Termination								
2.3	Testing & Commissioning*								
<b>3</b>	<b>SITE ACCEPTANCE</b>								
3.1	Handover Document								